

IMPORTANT

When ordering service parts customer should supply the engine and chassis serial numbers, including model and suffix letters. (Refer to Page 3)

INTRODUCTION

Following is a summary of the system used in compiling this catalog.

This catalog is divided into four separate sections---Introduction, Index to Units; Illustrations and Parts Lists, and Numerical Index.

The Index to Units will list alphabetically all of the units where the illustration and parts list may be found. NOTE - It is important that you refer frequently to the Index to Units. Failure to do so will result in not being able to locate the proper unit. A Numerical Index contains a listing of part numbers (excluding standard fasteners) with the page number where each part is listed and described.

The method of illustrating parts is known as the "Exploded View" method, with individual parts shown in their normal relationship to one another. Reference numbers only are shown, corresponding with numbers in the reference number column in the accompanying list of parts.

CAUTION: Reference numbers should not be used when ordering parts. Use IH part numbers or description.

Parts are listed in order followed by a full description. The noun name of the part is listed first then the descriptive information to identify the item. For example: SHAFT w/PLUG, 49 950 D and two PLUG, 172 530, valve lever. Parts not shown in illustrations appear at end of list in alphabetical sequence by noun name. Parts listed will work on all units unless a serial number is given for identification.

The term "Front" indicates the radiator end and "Rear" the drawbar end of the unit. Whenever the terms "Right" or "Left" are used it will mean from a rear position looking toward the radiator end.

Manufacturers part numbers are listed in brackets following the description of the part.

The "No. Req'd" column is eliminated and the quantity used of each item is shown in parenthesis (4) following the item. Where no quantity is indicated it will mean only one (1) is required.

Where ever possible the component parts of assemblies or attachments are shown in the "exploded views". Component parts of assemblies or attachments are listed by one of the following methods:

- The listings are fully covered by descriptions for simple assemblies and attachments.
- The listing of components follows the description with the wording "(Composed of-)".
- Assemblies or attachments consisting of many parts shows the assembly or attachment number at the beginning of the unit list, followed by the listing of the components.

Exceptions to the foregoing are explained by footnotes in the text.

Individual parts of an assembly, not available for service, are marked with a symbol *. In some instances, parts are listed with a notation giving information for ordering.

Parts known as COMMON HARDWARE items appear in abbreviated nomenclature and are shown indented under the items with which used. They are not component parts of the pieces they attach. WARNING: The part number for Common Hardware is eliminated. Hardware parts identified with part numbers have been designed for a specific usage. Standard parts should not be substituted.

Unless otherwise specified, the following will be considered to be:

- All NUTS - "hex"
- All WASHERS - "Plain". The inside dimension will be listed first, followed by the outside diameter and the thickness.
- All LOCK WASHERS - "Medium"
- All COTTER PINS - "Extended-Prong"
- All GROOVE PINS - "Standard-Groove"
- All COMMON RIVETS - "Annealed"
- All COUNTERSUNK-HEAD TUBULAR RIVETS - "Copper-Plated Steel"
- All OVAL-HEAD TUBULAR RIVETS - "Brass"
- All Carriage, Machine and Plow BOLTS; NUTS, and Cap, Machine and Set SCREWS - with National Coarse Thread.

Diameter of Bolt	No. of Threads per inch (U. N. C.)	No. of Threads per inch (U. N. F.)
1/4"	20	28
5/16"	18	24
3/8"	16	24
7/16"	14	20
1/2"	13	20
9/16"	12	18
5/8"	11	18
3/4"	10	16
7/8"	9	14
1"	8	14
1-1/8"	7	12
1-1/4"	7	12
1-3/8"	6	12
1-1/2"	6	12

The abbreviations used are explained on page 4.

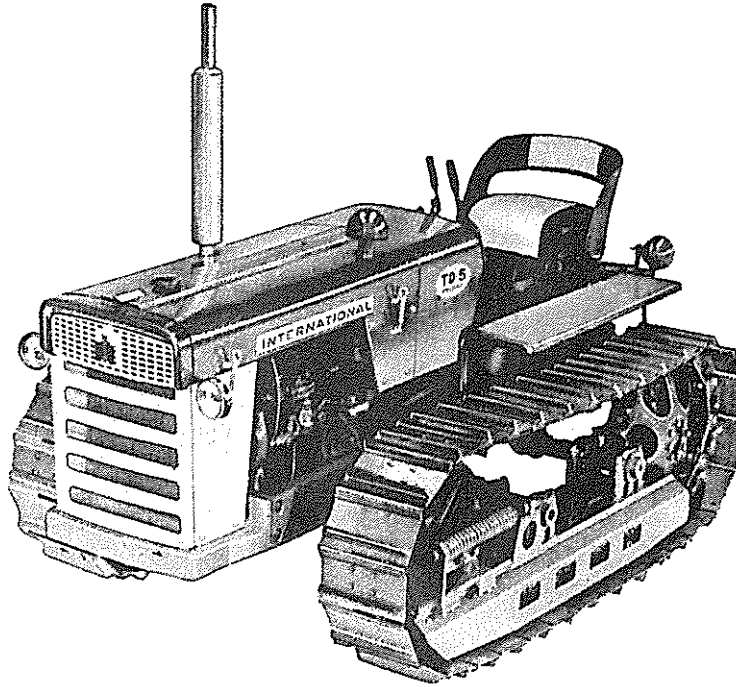


CRAWLER TRACTORS



REF. NO.	PART NUMBER	DESCRIPTION
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REF. NO.	PART NUMBER	DESCRIPTION
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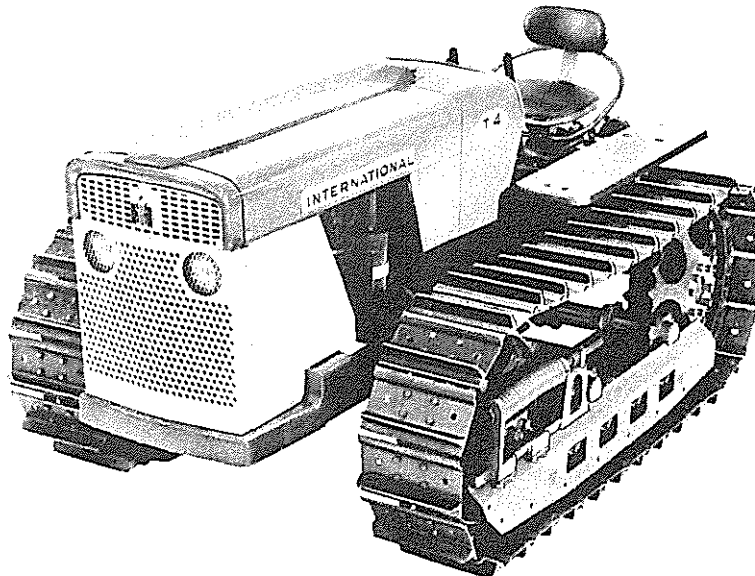


INTERNATIONAL CRAWLER TRACTOR

Model T-4 with C-123 Carbureted Engine

Model T-5 with C-135 Carbureted Engine

Model TD-5 with BD-144 C Diesel Engine



Model T-4 L. P. with C-123 Carbureted Engine

Model T-5 L. P. with C-135 Carbureted Engine

Model TD-5 L. P. with BD-144 C Diesel Engine



CRAWLER TRACTORS



SERIAL NUMBERS AND LETTERS

CHASSIS: All models covered by this catalog have been assigned chassis or crawler tractor serial numbers. These numbers begin at 501 and run consecutively, regardless of the model. The tractor model and serial number is stamped on a name plate, located on the right side of the clutch housing, e.g. "T-4 - 501". In the case of the Low Profile tractors, the letters "L.P." are stamped after the model designation, e.g. "T-4 L.P. - 501".

A Suffix Letter Code, as outlined below, is added to the Chassis Serial Number as a means of identifying tractors with special features, thus facilitating servicing. This code applies primarily to special features that replace standard parts or units used internally, but also may be used to identify tractors equipped with one of two or more optional parts wherein identification of said optional parts is deemed necessary to proper servicing. Each suffix letter used is stamped in the blank space following the serial number on the Chassis Serial Number Plate.

Attachments that do not affect replacement of standard parts or units have not been coded. Additional Suffix Code letters will be assigned when need for same has been established.

Examples of code letter application.

T-4	501 E -	represents a tractor with a C-123 Engine, a 4 roller track frame with a 38" gauge width.
T-5 L.P.	501 ACTF -	represents a Low Profile tractor with a C-135 Engine, a 5 roller track frame, constant running power take-off, 68" track gauge width and Torque Amplifier.
TD-5	501 ADRU -	represents a tractor with a BD-144 C Diesel Engine, a 5 roller track frame, transmission driven power take-off, 48" track gauge width, Reverser and high altitude piston attachment.

CHASSIS SUFFIX LETTERS

SPECIAL FEATURES OR OPTIONAL PARTS

A	5 Roller Track Frame
C	Constant Running Power Take-Off
D	Transmission Driven Power Take-Off
E	38" Track Gauge Width
F	68" Track Gauge Width
R	Reverser
T	Torque Amplifier
U	High Altitude Piston Attachment

ENGINE: The engines used in all models, covered by this catalog, have been assigned engine serial numbers. These numbers begin at 501 and run consecutively for each model engine. The engine model and serial number is located on the right side, stamped into the engine crankcase, e.g. C-123 - 501 or BD-144/501 C.

The following suffix letters apply only to the carburated C-123 or C-135 engines.

ENGINE SUFFIX LETTERS

SPECIAL FEATURES OR OPTIONAL PARTS

U	High Altitude Piston Attachment
V	Exhaust Valve Rotator Attachment

NOTE: No attempt has been made at the factory to have the chassis and engine serial numbers correspond.



LIST OF ABBREVIATIONS

Periods will be used after abbreviations only when the abbreviated form spells a common English word. This style conforms to Engineering Drafting Standards affecting abbreviations. Noun name abbreviations issued in the Part Type Code -- Noun Name will be used.

al	aluminum	lb	pound, pounds
aly-stl	alloy steel	lentil-hd	lentil head
amp	ampere, amperes	LH	left hand
anl	annealed	lkg	locking
approx	approximately	mach	machine
assy	assembly	MI	malleable iron
att	attachment	NC	National Coarse Thread
bd-hd	binding head	NF	National Fine Thread
b-hd	button head	ni	nickel
brs	brass	ni-pltd-stl	nickel plated steel
brz	bronze	No.	number
cd-pltd	cadmium plated	NPT	National Pipe Thread
cd-pltd-stl	cadmium plated steel	OC	outside circumference
cr-pltd	chromium plated	OD	outside diameter
cr-pltd-stl	chromium plated steel	ov-hd	oval head
CI	cast iron	oz	ounce
csk	countersunk	parkerized-stl	parkerized steel
csk-hd	countersunk head	pkg	package
cl-rec-hd	clutch recess head	pltd	plated
cone-pt	cone point	pt	point
contd	continued	PTO	power take-off
cop	copper	rd-end	round end
cop-pltd	copper plated	rd-hd	round head
c-pin	cotter pin	rd-pt	round point
cres	corrosion-resistant-steel (stainless)	reg	regular
cr-rec-hd	cross recess head	RH	right hand
cre	corrosion resisting	RPM	revolutions per minute
crg	carriage	SAE	Society of Automotive Engineers
cup-pt	cup point	sf	semi-finished
cyl	cylinder, cylinders	slt-hd	slotted head
dia	diameter	slt-bd-hd	slotted binding head
dld	drilled	slt-fil-hd	slotted fillister head
dld-f/c-pin	drilled for cotter pin	slt-f-hd	slotted flat head
dld-f/lkg-wire	drilled for locking wire	slt-hex-hd	slotted hexagon head
dog-pt	dog point	slt-pan-hd	slotted pan head
f/	for	slt-rd-hd	slotted round head
fil-hd	fillister head	sq	square
fin-nk	fin neck	sq-hd	square head
f-csk-hd	flat countersunk head	sq-nk	square neck
f-fil-hd	flat fillister head	std	standard
f-hd	flat head	std-hd	standard head
f-pt	flat point	stl	steel
flex	flexible	T	teeth
ft	foot (or feet)	thd	thread
ga	gauge	unfin	unfinished
hd	head	wagon-box-hd	wagon box head
hdls	headless	w/	with
hex	hexagon	w/brz	with bronze
hex-hd	hexagonal-head	w/hex	with hexagon
hex-soc-hd	hexagon socket-head	w/o	without
hp	horsepower	zn	zinc
hv	heavy	zn-ct	zinc coated
ID	inside diameter	zn-pltd	zinc plated
in	inch or inches		



CRAWLER TRACTORS



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ENGINE

CARBURATED

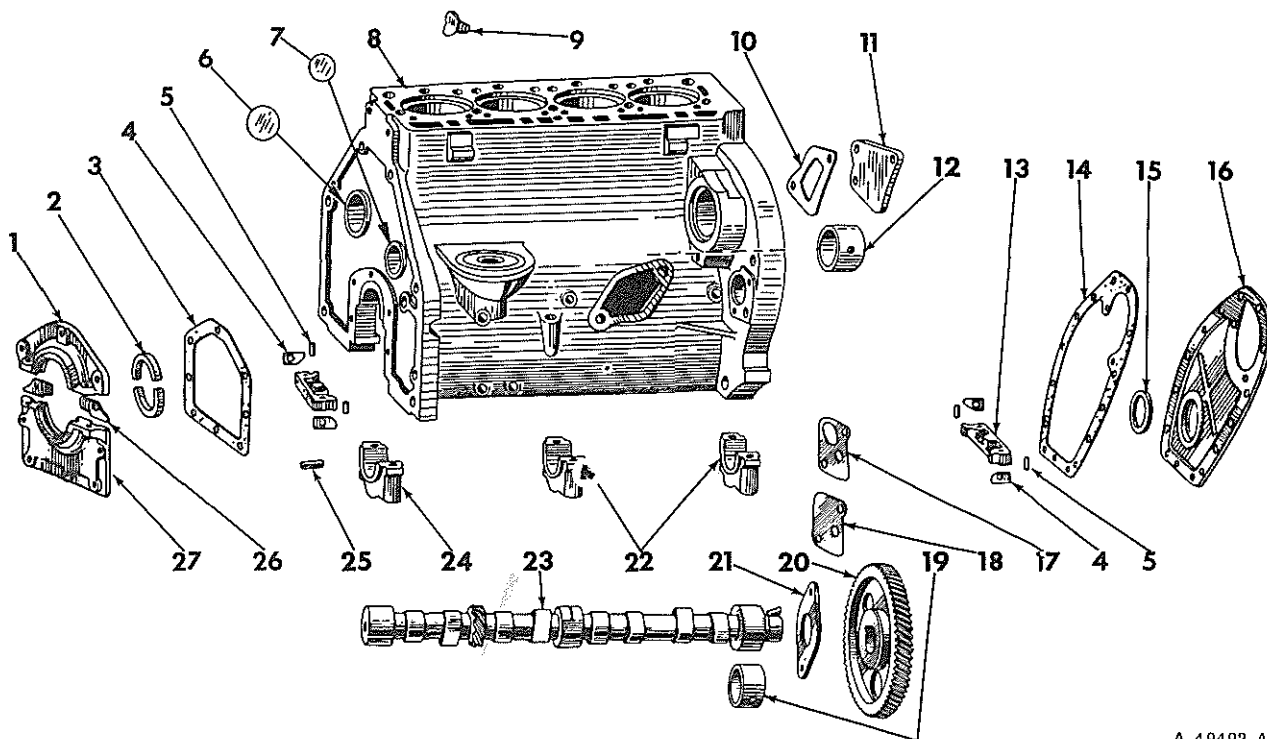


REF. NO.	PART NUMBER	DESCRIPTION
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CRANKCASE AND RELATED PARTS

REF. NO.	PART NUMBER	DESCRIPTION
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CRANKCASE AND RELATED PARTS - Continued



A 49492 A

1	6 101 D	RETAINER, crankshaft upper rear oil seal 5/16 x 7/8" hexagon BOLT (3) 5/16" lock WASHER (3)
2	24 425 D	OIL SEAL, crankshaft rear felt
3	43 448 D	GASKET, oil seal retainer
4	43 446 DA	GASKET, retainer plate (4)
5	43 445 DA	PLUG, retainer plate felt (4)
6	172 592	2" dia. camshaft core expansion PLUG
7	172 576	1-5/8" dia. camshaft rear expansion PLUG
8	367 826 R21	CRANKCASE ASSEMBLY (C-123 Engine) composed of: 6 Bolt 17091 R1 1 Bushing 43439 DBR 1 Bushing 373102 R1 * 2 Cap * 1 Cap * 1 Crankcase 2 Dowel 46923 D 2 Plug 143997 4 Plug 365101 R1 1 Plug 172576 1 Plug 172592 1 Plug 45314 DC 1 Sleeve 365937 R1 6 Washer 58516 H 143 997 1/4" sq-hd. socket pipe PLUG (2) 365 101 R1 1/8" sq-hd. socket pipe PLUG (4)

8	373 125 R11	CRANKCASE ASSEMBLY (C-135 Engine) composed of: 6 Bolt 17091 R1 1 Bushing 43439 DBR 1 Bushing 373102 R12 * 2 Cap * 1 Cap * 1 Crankcase 2 Dowel 46923 D 2 Plug 143997 1 Plug 172576 1 Plug 172592 2 Plug 365101 R1 1 Sleeve 365937 R1 6 Washer 58516 H 143 997 1/4" sq-hd. socket pipe PLUG (2) 365 101 R1 1/8" sq-hd. socket pipe PLUG (2)
9	45 314 DC	PLUG, water drain
10	46 871 D	GASKET, water passage cover
11	367 733 R1	COVER, water passage (optional w/367 735 R11 - Cover) 3/8 x 1" hexagon BOLT (2) 3/8" lock WASHER (2)
11	367 735 R11	COVER, water passage (optional w/367 733 R1 - Cover) 3/8 x 1" hexagon BOLT (2) 3/8" lock WASHER (2)
12	43 439 DBR	BUSHING, distributor gear
13	6 100 DA	PLATE, front and rear retainer

* Not Serviced Separately

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ENGINE

CARBURATED



REF. NO.	PART NUMBER	DESCRIPTION
CRANKCASE AND RELATED PARTS - Continued		
14	46 179 DC	GASKET, crankcase front cover
15		OIL SEAL, crankcase front cover (order 1 - 378 193 R91 - Package)
16	46 122 DDX	COVER, crankcase front (includes OIL SEAL, 378 191 R91) 5/16 x 5/8" hexagon BOLT (11) 3/8 x 3/4" hexagon BOLT 11/32 x 11/16 x 16 gauge WASHER (11) 13/32 x 13/16 x 16 gauge WASHER 5/16" lock WASHER (11) 3/8" lock WASHER
17	350 708 R1	GASKET, hydraulic pump pad cover
18	251 067 R1	COVER, hydraulic pump pad 3/8 x 3/4" hexagon BOLT (2) 3/8" lock WASHER (2)
19	375 747 R1	BUSHING, camshaft front
20	375 712 R1 127 559	GEAR, 66T camshaft 1/4 x 3/4" Woodruff KEY
21	43 249 D	PLATE, camshaft thrust (optional w/374 704 R1 - Plate) 3/8 x 3/4" hexagon BOLT (2) 3/8" lock WASHER (2)
21	374 704 R1	PLATE, camshaft thrust (optional w/43 249 D - Plate) 3/8 x 3/4" hexagon BOLT (2) 3/8" lock WASHER (2)
22		CAP, crankcase front and center bearing (2) (not serviced separately)(order 367 826 R21 for C-123 Engine or 373 125 R11 for C-135 Engine - Crankcase Assembly) 17 091 R1 1/2 x 3" hexagon lock BOLT (4) 58 516 H Special cap bolt WASHER (4)
23	353 609 R3	CAMSHAFT, crankcase
24		CAP, crankcase rear bearing (not serviced separately)(order 367 826 R21 for C-123 Engine or 373 125 R11 for C-135 Engine - Crankcase Assembly) 17 091 R1 1/2 x 3" hexagon lock BOLT (2) 58 516 H Special cap bolt WASHER (2)
25	46 923 D	DOWEL, clutch housing (2)
26	43 447 D	GASKET, oil seal retainer center
27	6 102 D	RETAINER, crankshaft lower rear oil seal 1/4 x 7/8" hexagon BOLT (2) 5/16 x 7/8" hexagon BOLT (5) 1/4" lock WASHER (2) 5/16" lock WASHER (5)

REF. NO.	PART NUMBER	DESCRIPTION
CRANKCASE AND RELATED PARTS - Continued		
49	124 D	GASKET, fuel pump opening cover (not illustrated)(applicable only when electric fuel pump is installed)
29	710 D	COVER, fuel pump opening (not illustrated) (applicable only when electric fuel pump is installed) 5/16 x 5/8" hexagon BOLT (2) 5/16" lock WASHER (2)
378	193 R91	PACKAGE, front cover oil seal and wear ring service

* Not Serviced Separately

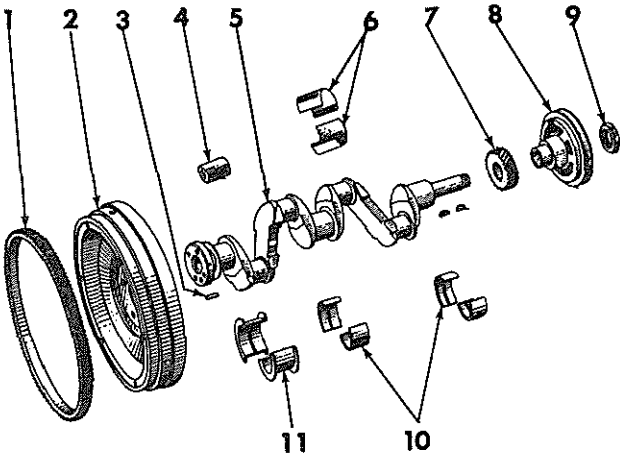
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ENGINE

CARBURATED



REF. NO.	PART NUMBER	DESCRIPTION
FLYWHEEL, CRANKSHAFT AND BEARINGS (C-123 Carbured Engine)		
		
A 49494		
1	13 456 VA	GEAR, 112 T flywheel ring
2	635 093 R11	FLYWHEEL, single stage clutch (for use with standard transmission, torque amplifier or reverser)(includes GEAR, 13456 VA)
	635 004 R1 46 349 D	Flywheel BOLT (4) Flywheel bolt LOCK (2)
2	635 094 R11	FLYWHEEL, double stage clutch (for use with constant running power take-off)(includes GEAR, 13456 VA)
	635 004 R1 46 349 D	Flywheel BOLT (4) Flywheel bolt LOCK (2)
3	24 550 D	PIN, flywheel dowel
4	43 291 D	BUSHING, clutch pilot (optional w/364 527 R1 - Bushing)
4	364 527 R1	BUSHING, clutch pilot (optional w/43 291 D - Bushing)
5	368 714 R91	CRANKSHAFT ASSEMBLY (standard) composed of:
	4	Bearing Assembly 356304 R11
	1	Bearing Assembly 360216 R11
	2	Bearing Assembly 360221 R11
	1	Bushing 43291 D
	* 1	Crankshaft
	1	Pin 24550 D
6	356 304 R11	BEARING ASSEMBLY, connecting rod (4) (standard)
6	356 306 R11	BEARING ASSEMBLY, connecting rod (4) (.002" undersize)
6	376 636 R11	BEARING ASSEMBLY, connecting rod (4) (.010" undersize)

REF. NO.	PART NUMBER	DESCRIPTION
FLYWHEEL, CRANKSHAFT AND BEARINGS - Continued (C-123 Carbured Engine)		
6 Cont.	376 638 R11	BEARING ASSEMBLY, connecting rod (4) (.020" undersize)
6	356 305 R11	BEARING ASSEMBLY, connecting rod (4) (.030" undersize)
7	46 870 DA 127 559	PINION, 33T crankshaft 1/4 x 3/4" Woodruff KEY
8	368 665 R3 127 559	PULLEY, fan drive 1/4 x 3/4" Woodruff KEY
9	23 174 V	NUT, crankshaft pulley
10	360 216 R11	BEARING ASSEMBLY, crankshaft front and center (standard)(2)
10	360 218 R11	BEARING ASSEMBLY, crankshaft front and center (.002" undersize)
10	376 640 R11	BEARING ASSEMBLY, crankshaft front and center (.010" undersize)
10	376 643 R11	BEARING ASSEMBLY, crankshaft front and center (.020" undersize)
10	360 217 R11	BEARING ASSEMBLY, crankshaft front and center (.030" undersize)
11	360 221 R11	BEARING ASSEMBLY, crankshaft rear (standard)
11	360 223 R11	BEARING ASSEMBLY, crankshaft rear (.002" undersize)
11	376 641 R11	BEARING ASSEMBLY, crankshaft rear (.010" undersize)
11	376 644 R11	BEARING ASSEMBLY, crankshaft rear (.020" undersize)
11	360 222 R11	BEARING ASSEMBLY, crankshaft rear (.030" undersize)
	367 878 R91	SET, crankshaft bearing (standard)(includes BEARINGS, 360216 R11 and 360 221 R11)
	377 270 R91	SET, crankshaft bearing (.002" undersize)(includes BEARINGS, 360 218 R11 and 360 223 R11)
	376 639 R91	SET, crankshaft bearing (.010" undersize)(includes BEARINGS, 376 640 R11 and 376 641 R11)
	376 642 R91	SET, crankshaft bearing (.020" undersize)(includes BEARINGS, 376 643 R11 and 376 644 R11)

* Not Serviced Separately

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REF. NO.	PART NUMBER	DESCRIPTION
FLYWHEEL, CRANKSHAFT AND BEARINGS - Continued (C-123 Carbured Engine)		
372 116 R91	SET, crankshaft bearing (.030" undersize)(includes BEARINGS, 360 217 R11 and 360 222 R11)	
367 876 R91	SET, rod bearing (standard)(includes BEARINGS, 356 304 R11)	
377 269 R91	SET, rod bearing (.002" undersize)(includes BEARINGS, 356 306 R11)	
376 635 R91	SET, rod bearing (.010" undersize)(includes BEARINGS, 376 636 R11)	
376 637 R91	SET, rod bearing (.020" undersize)(includes BEARINGS, 376 638 R11)	
372 115 R91	SET, rod bearing (.030" undersize)(includes BEARINGS, 356 305 R11)	
368 716 R92	UNDERSIZE CRANKSHAFT PACKAGE, service composed of:	
	4 Bearing	376636 R11 or 376638 R11 or 356305 R11
	2 Bearing	376640 R11 or 376643 R11 or 360217 R11
	1 Bearing	376644 R11 or 360222 R11
	1 Bushing	43291 D or 364527 R1
	* 1 Crankshaft	
	1 Pin	24550 D

REF. NO.	PART NUMBER	DESCRIPTION



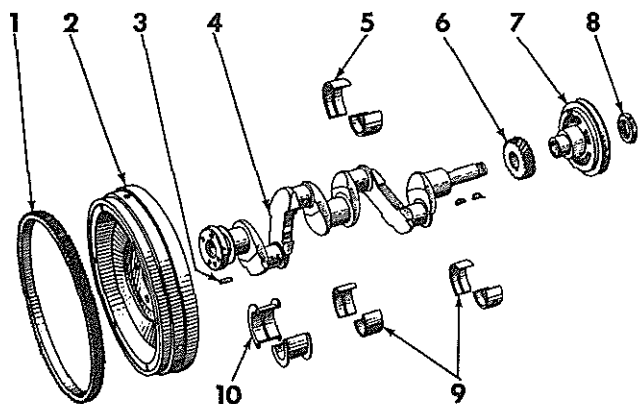
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REF. NO.	PART NUMBER	DESCRIPTION
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FLYWHEEL, CRANKSHAFT AND BEARINGS (C-135 Engine)



A 49494

1	13 456 VA	GEAR, 112 T flywheel ring
2	635 093 R11	FLYWHEEL, single stage clutch (includes GEAR, 13456 VA)(for use with standard transmission, torque amplifier or reverser)
	635 004 R1	Flywheel BOLT (4)
	46 349 D	Flywheel bolt LOCK (2)
2	635 094 R11	FLYWHEEL, double stage clutch (includes GEAR, 13456 VA)(for use with constant running power take-off)
	635 004 R1	Flywheel BOLT (4)
	46 349 D	Flywheel bolt LOCK (2)
3	24 550 D	PIN, flywheel dowel
4	367 745 R91	CRANKSHAFT ASSEMBLY, standard composed of:
	4	Bearing 367777 R11
	2	Bearing 367749 R11
	1	Bearing 367750 R11
	* 1	Camshaft
	1	Pin 24550 D
5	367 777 R11	BEARING ASSEMBLY, connecting rod (4) (standard)
5	367 786 R11	BEARING ASSEMBLY, connecting rod (4) (.002" undersize)
5	376 646 R11	BEARING ASSEMBLY, connecting rod (4) (.010" undersize)
5	376 648 R11	BEARING ASSEMBLY, connecting rod (4) (.020" undersize)
5	367 785 R11	BEARING ASSEMBLY, connecting rod (4) (.030" undersize)

REF. NO.	PART NUMBER	DESCRIPTION
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FLYWHEEL, CRANKSHAFT AND BEARINGS - Continued (C-135 Engine)

6	46 870 DA	PINION, 33T crankshaft 1/4 x 3/4" Woodruff KEY
7	368 665 R3	PULLEY, fan drive 1/4 x 3/4" Woodruff KEY
8	23 174 V	NUT, crankshaft pulley
9	367 749 R11	BEARING ASSEMBLY, crankshaft front and centre (2)(standard)
9	367 755 R11	BEARING ASSEMBLY, crankshaft front and centre (2)(.002" undersize)
9	376 650 R11	BEARING ASSEMBLY, crankshaft front and centre (2)(.010" undersize)
9	376 653 R11	BEARING ASSEMBLY, crankshaft front and centre (2)(.020" undersize)
9	367 753 R11	BEARING ASSEMBLY, crankshaft front and centre (2)(.030" undersize)
10	367 750 R11	BEARING ASSEMBLY, crankshaft rear (standard)
10	367 756 R11	BEARING ASSEMBLY, crankshaft rear (.002" undersize)
10	376 651 R11	BEARING ASSEMBLY, crankshaft rear (.010" undersize)
10	376 654 R11	BEARING ASSEMBLY, crankshaft rear (.020" undersize)
10	367 754 R11	BEARING ASSEMBLY, crankshaft rear (.030" undersize)
	368 778 R91	SET, rod bearing (standard) (includes BEARINGS, 367 777 R11)
	377 271 R91	SET, rod bearing (.002" undersize) (includes BEARINGS, 367 786 R11)
	376 645 R91	SET, rod bearing (.010" undersize) (includes BEARINGS, 376 646 R11)
	376 647 R91	SET, rod bearing (.020" undersize) (includes BEARINGS, 376 648 R11)
	372 117 R91	SET, rod bearing (.030" undersize) (includes BEARINGS, 367 785 R11)
	368 779 R91	SET, crankshaft bearing (standard) (includes BEARINGS, 367 750 R11 and 367 749 R11)
	377 272 R91	SET, crankshaft bearing (.002" undersize) (includes BEARINGS, 367 756 R11 and 367 755 R11)

* Not Serviced Separately

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REF. NO.	PART NUMBER	DESCRIPTION
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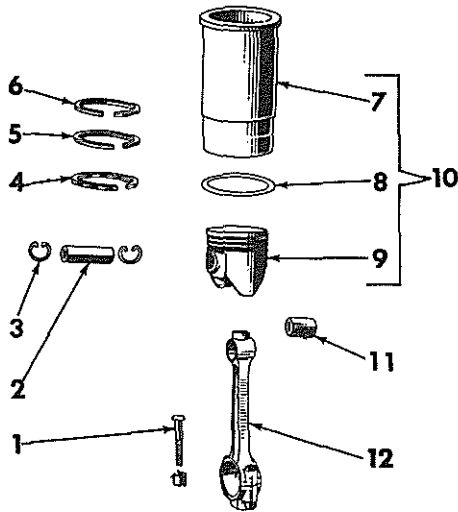
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REF. NO.	PART NUMBER	DESCRIPTION
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CONNECTING ROD AND CYLINDER SLEEVES (C-123 Engine)



A 49493

1	363 465 R11 363 466 R1	BOLT w/NUT, 363 466 R1, connecting rod(8) Connecting rod bolt NUT (8)
2	24 414 DB	PIN, cylinder piston (standard)(4)
2	53 159 D	PIN, cylinder piston (.005" oversize)(4)
3	359 321 R1	SPRING, piston pin retaining (8)
4	366 636 R91	RING, oil piston (third or bottom groove)(4)
5	366 292 R1	RING, compression (second groove)(4)
6	366 291 R1	RING, compression (top or first groove)(4)
7	366 290 R1	SLEEVE, cylinder (for Export only)(4)
8	24 434 D	RING, cylinder sleeve packing (4)
9		PISTON, cylinder (order SLEEVE ASSEMBLY of proper altitude)
10		SLEEVE ASSEMBLY, cylinder (4) (standard altitude)(prior to engine serial No. 86760, order 1-374 337 R91 - Cylinder Sleeve Set)
10		SLEEVE ASSEMBLY, cylinder (4)(high altitude)(order 1-374 492 R91 - Piston Parts Accessory)

REF. NO.	PART NUMBER	DESCRIPTION
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CONNECTING ROD AND CYLINDER SLEEVES - Cont (C-123 Engine)

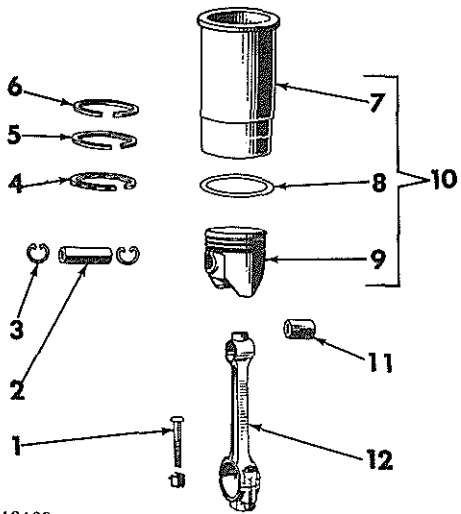
10	374 338 R91	SLEEVE ASSEMBLY, cylinder (standard altitude)(Engine serial No. 86760 and up) composed of: 1 Pin 24 414 DB * 1 Piston 1 Ring 24 434 D 1 Ring 366 291 R1 1 Ring 366 292 R1 1 Ring 366 636 R91 * 1 Sleeve 2 Spring 359 321 R1
10	374 493 R91	SLEEVE ASSEMBLY, cylinder (high altitude) composed of: 1 Pin 24 414 DB * 1 Piston 1 Ring 24 434 D 1 Ring 366 291 R1 1 Ring 366 636 R91 1 Ring 366 292 R1 * 1 Sleeve 2 Spring 359 321 R1
11	64 508 D	BUSHING, connecting rod (4)
12	30926 DFXA	ROD, connecting (4)(Includes BOLTS, 363 465 R11 and BUSHING, 64508 D)
	374 492 R91	PARTS ACCESSORY, high altitude piston (Includes SLEEVES, 374 493 R91)
	364 788 R91	KIT, piston ring replacement (Includes RINGS, 366 636 R91, 366 291 R1 and 366 292 R1)(standard or high altitude)
	374 337 R91	SLEEVE SET, cylinder (Includes SLEEVES, 374 338 R91)(standard altitude)
	30926 DFYAROD	SET, connecting (4)(Includes RODS, 30926 DFXA and BEARINGS, 356 304 R11)



ENGINE

CARBURATED



REF. NO.	PART NUMBER	DESCRIPTION
CONNECTING ROD AND CYLINDER SLEEVES (C-135 Engine)		
		
A 49493		
1	363 465 R11 363 466 R1	BOLT w/NUT, 363 466 R1, connecting rod (8) Connecting rod bolt NUT (8)
2	367 797 R1	PIN, cylinder piston (standard)(4)
2	367 862 R1	PIN, cylinder piston (.005" oversize)(4)
3	367 798 R1	SPRING, piston pin retaining (8)
4	367 861 R91	RING, oil piston (third or bottom groove)(4)
5	367 801 R1	RING, compression (second groove)(4)
6	367 860 R1	RING, compression (top or first groove)(4)
7		SLEEVE, cylinder (order SLEEVE ASSEMBLY of proper altitude)
8	367 799 R1	RING, cylinder sleeve packing (4)
9		PISTON, cylinder (order SLEEVE ASSEMBLY of proper altitude)
10		SLEEVE ASSEMBLY, cylinder (4) (standard altitude)(prior to serial No. 20287, order 1-374 476 R92 - Cylinder Sleeve Set)
10		SLEEVE ASSEMBLY, cylinder (4)(high altitude)(prior to serial No. 25435, order 1-374 520 R91 - Cylinder Sleeve Set)

REF. NO.	PART NUMBER	DESCRIPTION
CONNECTING ROD AND CYLINDER SLEEVES - Continued (C-135 Engine)		
10	374 477 R92	SLEEVE ASSEMBLY, cylinder (standard altitude)(Engine serial No. 20287 and up) composed of: 1 Pin 367797 R1 * 1 Pin 1 Ring 367799 R1 1 Ring 367860 R1 1 Ring 367801 R1 1 Ring 367861 R91 * 1 Sleeve 2 Spring 367798 R1
10	374 521 R91	SLEEVE ASSEMBLY, cylinder (high altitude)(serial No. 25436 and up) composed of: 1 Pin 367797 R1 * 1 Piston 1 Ring 367799 R1 1 Ring 367860 R1 1 Ring 367801 R1 1 Ring 367861 R91 * 1 Sleeve 2 Spring 367798 R1
11	367 775 R1	BUSHING, connecting rod (4)
12	367 774 R11	ROD ASSEMBLY, connecting (4)(includes BUSHING, 367 775 R1 and BOLTS, 363 465 R11)
	374 520 R91	PARTS ACCESSORY, high altitude piston (includes SLEEVES, 374 521 R91)
	367 859 R1	KIT, piston ring replacement (includes RINGS, 367 801 R1, 367 860 R1 and 367 861 R1)(standard or high altitude)
	374 476 R92	SLEEVE SET, cylinder (includes SLEEVES, 374 477 R92)(standard altitude)

* Not Serviced Separately

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ENGINE

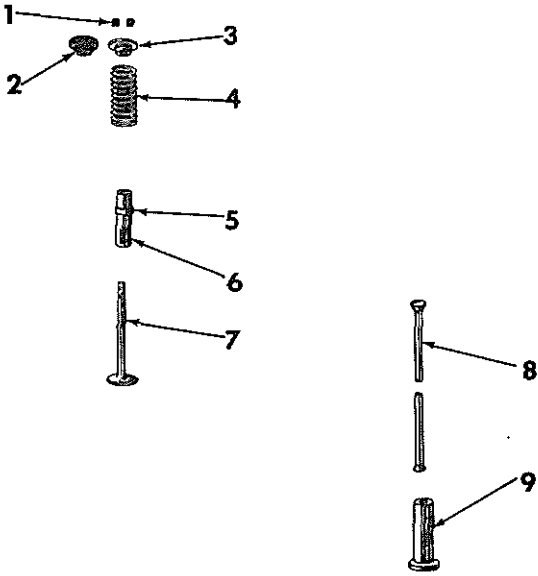
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REF. NO.	PART NUMBER	DESCRIPTION
CYLINDER HEAD, VALVE COVER AND LEVERS		
A 48044 A		
1	172 528	9/16" dia. expansion PLUG (2)
2	43 375 D	RING, valve lever shaft snap (2)
3	43 374 D	WASHER, valve lever shaft spring (2)
4	16 067 DA 133 093 R1	SCREW, valve lever adjusting (8) Lever adjusting screw NUT (8)
5	42 099 DA	BRACKET, valve lever shaft end (2)
6	43 378 DC	GASKET, valve housing
7	62 866 D	WASHER, valve housing stud (2) (optional w/357 374 R1 - Washer)
7	357 374 R1	WASHER, valve housing stud (2) (optional w/62 866 D - Washer)
8	367 673 R91	HOUSING, valve lever
9	367 677 R91	BREATHER, cylinder head
10	357 292 R92	LEVER, exhaust valve right (2) (includes NUT, 133 093 R1 and SCREW, 16067 DA)
11	357 291 R92	LEVER, intake valve left (2) (includes NUT, 133 093 R1 and SCREW, 16067 DA)
12	43 373 D	SPACER, valve lever shaft (2) (optional w/365 776 R1 - Spacer)

REF. NO.	PART NUMBER	DESCRIPTION
CYLINDER HEAD, VALVE COVER AND LEVERS - Continued		
12	365 776 R1	SPACER, valve lever shaft (2) Cont. (optional w/43 373 D - Spacer)
13	357 292 R92	LEVER, intake valve right (2) (includes NUT, 133 093 R1 and SCREW, 16067 DA)
14	24 541 D	SPRING, valve lever (2)
15	357 291 R92	LEVER, exhaust valve left (2) (includes NUT, 133 093 R1 and SCREW, 16067 DA)
16	6 089 DA	BRACKET, valve lever shaft assembly
17	352 521 R11	SHAFT, valve lever (includes PLUGS, 172 528)
18	355 373 R1	STUD, valve lever shaft oiler 3/8"-NF hex. NUT
19	373 899 R1	STUD, valve housing (2) 3/8"-NF hex. NUT (4) 3/8" lock WASHER (2)
20	366 299 R12	HEAD ASSEMBLY, cylinder composed of: * 1 Head 8 Guide 356583 R1 1 Plug 103868 2 Stud 373899 R1 1 Stud 355373 R1 364 789 R1 Cylinder head BOLT (9) 58 516 H Cylinder head bolt WASHER (9)
20	251 173 R96	HEAD ASSEMBLY w/valve, cylinder composed of: 1 Head 366299 R12 12 Key 42026 D 8 Seat 42040 D 8 Seat 356588 R1 8 Spring 366304 R1 4 Valve 366302 R1 4 Valve 366303 R1 364 789 R1 Cylinder head BOLT (9) 58 516 H Cylinder head bolt WASHER (9)
21	366 300 R2	GASKET, cylinder head



REF. NO.	PART NUMBER	DESCRIPTION
VALVE, PUSH ROD AND TAPPET		
		
A 49492 A		
1	42 026 D	KEY, valve spring collar (16)
2	356 841 R91	ROTOCAP, exhaust valve (4)
3	42 040 D	SEAT, intake valve spring upper (4)(for use with engine equipped with Rotocap Assembly only)(optional w/47 278 D - Seat)
3	47 278 D	SEAT, intake valve spring upper (4)(for use with engine equipped with Rotocap Assembly only)(optional w/42 040 D - Seat)
3	42 040 D	SEAT, intake and exhaust valve spring upper (8)(for use only when engine NOT equipped with Rotocap Assembly)(optional w/42040 D - Seat)
4	366 304 R1	SPRING, intake valve (4)(for use with engine equipped with Rotocap Assembly only)
4	368 450 R1	SPRING, exhaust valve (4)(for use with engine equipped with Rotocap Assembly only)
4	366 304 R1	SPRING, intake and exhaust valve (8)(for use only when engine NOT equipped with Rotocap Assembly only)
5	356 588 R1	SEAT, valve spring lower (8)
6	356 583 R1	GUIDE, valve (8)
7	366 302 R1	VALVE, intake (4)
7	366 303 R1	VALVE, exhaust (4)

REF. NO.	PART NUMBER	DESCRIPTION
VALVE, PUSH ROD AND TAPPET - Continued		
8	47 386 D	ROD, valve push (8) (optional w/357 548 R1 - Rod or 360 213 R91 - Rod)
8	357 548 R1	ROD, valve push (8) (optional w/47 386 D - Rod or 360 213 R91 - Rod)
8	360 213 R91	ROD, valve push (8) (optional w/47 386 D - Rod or 357 548 R1 - Rod)
9	47 384 D	TAPPET, valve (8) (optional w/358 979 R1 - Tappet)
9	356 979 R1	TAPPET, valve (8) (optional w/47 384 D - Tappet)
	368 449 R91	ROTATOR PARTS ACCESSORIES, exhaust valve (includes ROTOCAPS, 356 941 R91 and SPRINGS, 368 450 R1)



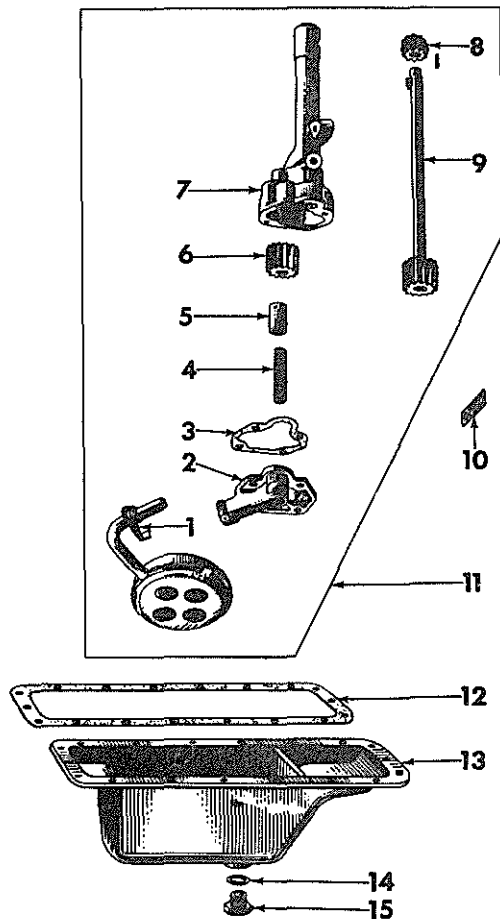
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REF. NO.	PART NUMBER	DESCRIPTION
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CRANKCASE OIL PAN AND OIL PUMP



A 49504

1	368 979 R91	SCREEN, oil pump 1/8 x 1-1/4" cotter PIN
2	6 098 DA	COVER, oil pump 5/16 x 3/4" hexagon BOLT (4) 5/16" lock WASHER (4)
3	375 786 R1	GASKET, oil pump cover (use as required)
4	43 414 DA	SPRING, oil pressure
5	357 648 R1	VALVE, oil pressure
6	35 631 H	GEAR, oil pump idler (for use on C-123 Engines prior to serial No. #)
6	35 631 H	GEAR, oil pump idler (for use on C-135 Engines prior to serial No. #)
6	227 713 R1	GEAR, oil pump idler (for use on C-123 Engines with serial No. # and up)
6	227 713 R1	GEAR, oil pump idler (for use on C-135 Engines with serial No. # and up)

REF. NO.	PART NUMBER	DESCRIPTION
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CRANKCASE OIL PAN AND OIL PUMP - Cont

7		BODY ASSEMBLY, oil pump (*) (Includes BOLT, 179 845 - PLUG, 103 865 and SHAFT, 35647 H) (for service order 1 375 785 R91 - Oil Pump Assembly)
35 647 H		Pump idler SHAFT 3/8 x 1-3/4" hexagon BOLT (2) 1/8" sq-hd. pipe PLUG
8	352 057 R1	GEAR, oil pump shaft spirol 1/8 x 7/8" sq-end straight PIN 1/8 x 5/8" Woodruff KEY
9	365 377 R91	SHAFT, oil pump (for use on C-123 Engines prior to serial No. #)
9	365 377 R91	SHAFT, oil pump (for use on C-135 Engines prior to serial No. # and up)
9	375 789 R91	SHAFT, oil pump (for use on C-123 Engines with serial No. # and up)
9	375 789 R91	SHAFT, oil pump (for use on C-135 Engines with serial No. # and up)
10	46 629 D	LOCK, oil pump screw
11	375 785 R91	PUMP ASSEMBLY, oil (composed of all numbers within the box) 3/8 x 1-3/4" hexagon BOLT (2) 1/8" sq-hd. pipe PLUG
12	43 458 DB	GASKET, crankcase oil pan
13	372 145 R91	PAN, crankcase oil (includes PLUG, 359 875 R1) 5/16 x 3/4" hexagon BOLT (14) 5/16 x 1-1/2" hexagon BOLT (4) 5/15" lock WASHER (18)
14	3 405 H	GASKET, drain plug
15	41 300 HA	PLUG, oil pan drain (optional w/359 875 R1 - Plug)
15	359 875 R1	PLUG, oil pan drain (optional w/41 300 HA - Plug)
35 647 H		SHAFT, pump idler (not illustrated)

* Not Serviced Separately
Information is not Available

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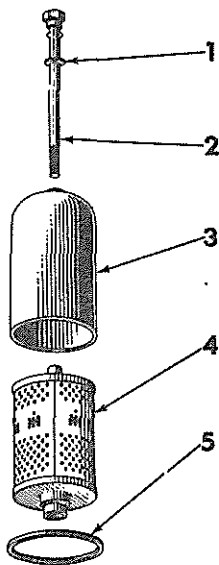
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REF. NO.	PART NUMBER	DESCRIPTION
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ENGINE OIL FILTER

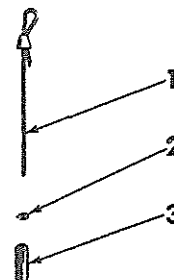


A 5108 A

1	13 727 D	GASKET, retaining bolt
2	63 857 DA	BOLT, filter case retaining
3	63 856 D	CASE, oil filter
* 4	376 374 R91	ELEMENT, oil filter normal duty
5	13 728 D	GASKET, oil filter case
	63 866 DB	PACKAGE, oil filter element normal duty type (Export only)(includes ELEMENTS, 376 374 R91)

REF. NO.	PART NUMBER	DESCRIPTION
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CRANKCASE OIL LEVEL GAGE



A 49 492 A

1	362 611 R21	GAGE, oil level (includes WASHER, 34259 H)
2	34 259 H	WASHER, oil level gage felt
3	365 937 R1	SLEEVE, oil level gage

OIL PRESSURE GAUGE LINE



H 6819

1	36 092 D	NUT, pressure line (2)
2	635 339 R12	LINE, oil pressure (includes NUTS, 36092 D)
3	36 637 D	ELBOW, crankcase pressure line



ENGINE

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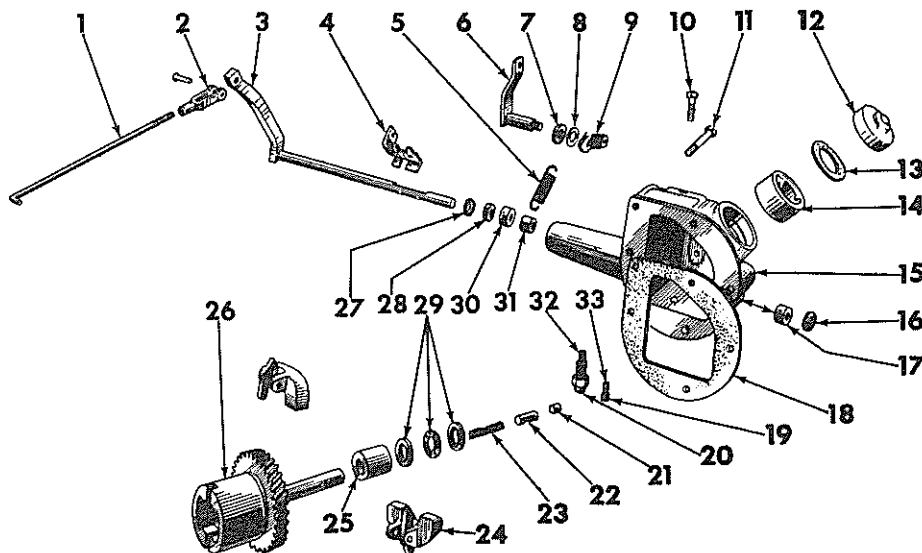


REF. NO.	PART NUMBER	DESCRIPTION
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REF. NO.	PART NUMBER	DESCRIPTION
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GOVERNOR

GOVERNOR - Continued



A 49502

1	315 716 R1	ROD, governor connecting 1/16 x 7/16" cotter PIN	13	368 153 R1	GASKET, oil filler cap
2	104 036 103 024 103 494	CLEVIS, adjustable rod end 1/4"-NF hex. NUT 1/4" x 51/64" rod-end dld. PIN 1/16 x 7/16" cotter PIN	14	368 564 R1	NECK, oil filler
3	367 709 R11 103 494	ROCKSHAFT, governor 1/4 x 51/64" rod-end dld. PIN 1/16 x 7/16" cotter PIN	15	367 706 R11	HOUSING ASSEMBLY, governor composed of: 2 Bearing 45753 D 1 Bushing 46939 D * 1 Housing 1 Neck 368564 R1 1 Pin 46942 D 1 Pin 49220 D 1 Plug 172531 5/16 x 1-3/8" hexagon BOLT 5/16 x 2-3/4" hexagon BOLT (3) 5/16" lock WASHER (4)
4	367 711 R1 131 970 106 496	FORK, governor rockshaft No. 8 x 1/2" slt-rd-hd. SCREW (2) No. 8 lock WASHER (2)	16	172 531	3/4" expansion PLUG
5	369 686 R2	SPRING, governor	17	45 753 D	BEARING, governor rockshaft
6	46 947 DAXB LEVER, speed change 114 494 3/8"-NF hex. jam NUT 114 606 3/8" external-tooth lock WASHER		18	45 875 D	GASKET, governor housing
7	149 345 R91	OIL SEAL, speed change shaft	19	46 942 D	PIN, lever retaining
8	355 476 R1	WASHER, governor spring lever	20	131 487	NUT, 7/16"-NF low crown
9	51 491 DA	LEVER, governor spring	21	49 220 D	PIN, governor shaft stop
10	357 432 R3 12 736 D	STOP, speed change lever Governor SEAL 3/8" hex. jam NUT	22	49 219 DA	PIN, governor shaft bumper
11	54 041 D	BOLT, governor housing 5/16" lock WASHER	23	49 218 DA	SPRING, governor shaft bumper
12	367 857 R91	CAP, oil filler (includes GASKET, 368 153 R1)	24	351 778 R1 46 924 D	WEIGHT, governor (2) (optional w/374 710 R1 - Weight) Governor weight PIN (2) 1/16 x 7/8" cotter PIN (2)

* Not Serviced Separately

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REF. NO.	PART NUMBER	DESCRIPTION
GOVERNOR - Continued		
24 Cont.	374 710 R1 46 924 D	WEIGHT, governor (2) (optional w/351 778 R1 - Weight) Governor weight PIN (2) 1/16 x 7/8" cotter PIN (2)
25	363 866 R1	SLEEVE, governor thrust (optional w/49 325 D - Sleeve)
25	49 325 D	SLEEVE, governor thrust (optional w/363 866 R1 - Sleeve)
26	375 778 R11	PINION, 33T governor
27	43 483 D	RETAINER, governor rockshaft seal
28	43 482 D	SEAL, governor rockshaft
29	43 481 D	BALL BEARING, governor thrust
30	46 939 D	BUSHING, governor rockshaft
31	45 753 D	BEARING, rockshaft needle
32	31 804 DA	BODY, governor bumper spring 7/16" hex. jam NUT
33	28 078 D	SPRING, governor bumper
	367 707 R91	PACKAGE, governor service (composed of all parts listed with the exception of items reference numbers 1 and 2)

REF. NO.	PART NUMBER	DESCRIPTION
67		



ENGINE

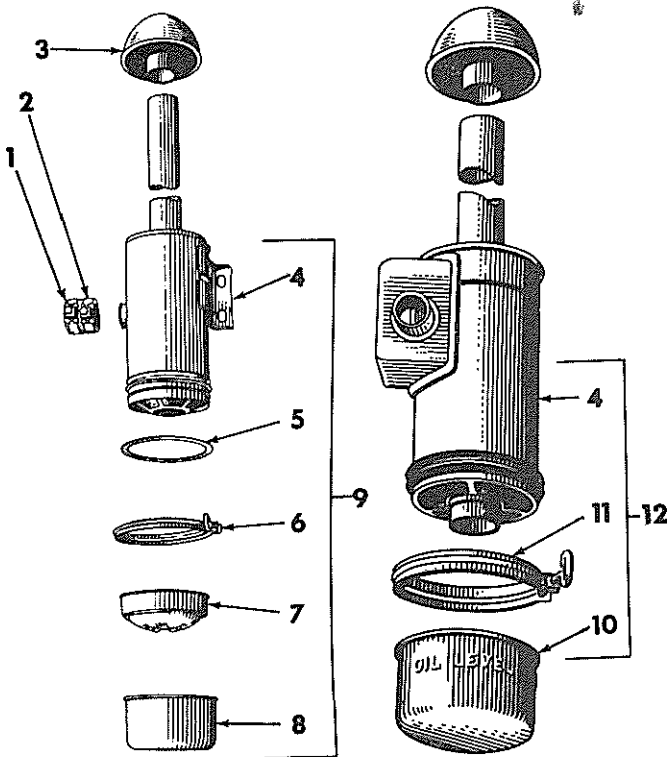
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REF. NO.	PART NUMBER	DESCRIPTION
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AIR CLEANER

(T-4, T-5 Tractors prior to serial No. #) (T-4 LP, T-5 LP Tractors)



NOTE "A" United Specialties

NOTE "B" Donaldson

1	366 322 R1	HOSE, air cleaner connecting (1-5/8 x 1-9/16)
2	366 323 R1	CLAMP, air cleaner hose
3	635 480 R91	CAP, intake pipe
4		BODY, air cleaner (*) (order 1 - 366 321 R91 or 1 - 367 766 R91 - Cleaner) 3/8 x 3/4" hexagon BOLT (2) 13/32 x 3/4 x 16 gauge WASHER (2) 3/8" lock WASHER (2)
5	361 063 R1	GASKET, air cleaner (Note "A")
6	358 147 R91	CLAMP, oil cup retaining (Note "A")
7	358 145 R1	BAFFLE, air cleaner (Note "A")
8	358 146 R1	CUP, oil (Note "A")

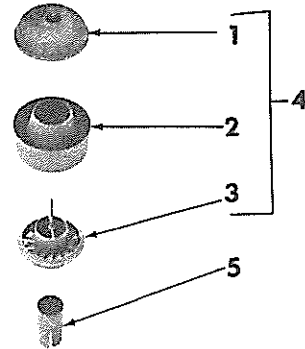
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AIR CLEANER - Cont

(T-4, T-5 Tractors prior to serial No. #) (T-4 LP, T-5 LP Tractors)

9	367 766 R91	AIR CLEANER, (Note "A") (Includes BAFFLE, 358 145 R1; CLAMP, 358 147 R91; CUP, 358 146 R1 and GASKET, 361 063 R1) (optional to use 366 321 R91 - Cleaner) 3/8 x 3/4" hexagon BOLT (2) 13/32 x 3/4 x 16 gauge WASHER (2) 3/8" lock WASHER (2)
10	352 597 R91	CUP, oil (Note "B")
11	66 357 DA	CLAMP, cup retaining (Note "B")
12	366 321 R91	AIR CLEANER, (Note "B") (Includes CLAMP, 66 357 DA and CUP, 352 597 R1) (optional to use 367 766 R91 - CLEANER) 3/8 x 3/4" hexagon BOLT (2) 13/32 x 3/4 x 16 gauge WASHER (2) 3/8" lock WASHER (2)

PRE-CLEANER (NOT Low Profile)



H 6772

1	361 412 R91	CAP, pre-cleaner (United Specialties)
1	362 999 R91	CAP, pre-cleaner (Donaldson)
2	361 409 R92	BODY, pre-cleaner (United Specialties)
2	363 000 R1	BODY, pre-cleaner (Donaldson)
3		SLEEVE, pre-cleaner (*) (for service order 1 - - Cleaner) 1/4 x 1-1/4" slt-hd. SCREW 1/4" sq. NUT
4		PRE-CLEANER, (for service order 1 - - Pre-Screener)
5	636 502 R91	ADAPTOR, pre-cleaner mounting

* Not Serviced Separately
Information is not Available



ENGINE

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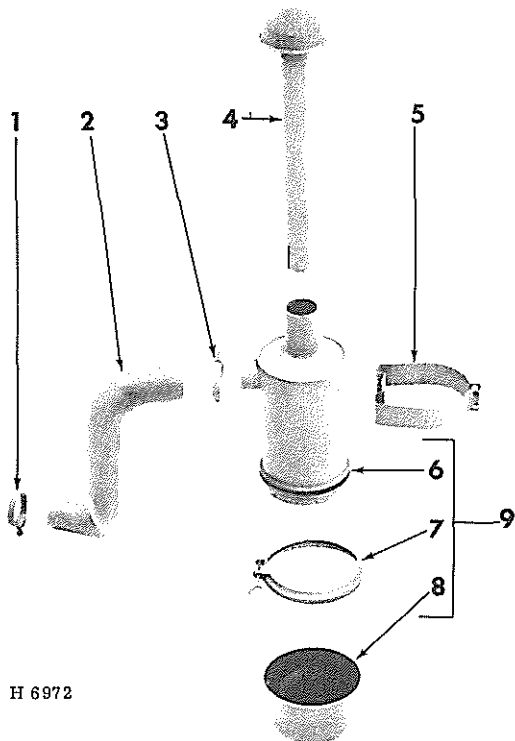


REF. NO.	PART NUMBER	DESCRIPTION
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REF. NO.	PART NUMBER	DESCRIPTION
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AIR CLEANER

(T-4, T-5 Tractors With Serial No. # and up)



H 6972

1	366 323 R1	CLAMP, intake hose manifold
2	636 836 R1	HOSE, intake manifold
3	29 970 D	CLAMP, intake hose cleaner
4	636 707 R91	CAP, cleaner air intake
5	704 536 R1	BRACKET, air cleaner support 5/16 x 5/8" hexagon BOLT (2) 5/16 x 3/4" hexagon BOLT (2) 5/16 x 1" slt-fil-hd. SCREW (2) 5/16" hex. NUT (4) 5/16" sq. NUT (2) 11/32 x 3/4 x 11 gauge WASHER 5/16" lock WASHER (4)
6		BODY, air cleaner (*) (order 636 706 R91 - Cleaner)
7	636 558 R91	CLAMP, air cleaner
8	362 974 R91	CUP, air cleaner
9	636 706 R91	CLEANER, air (Includes CLAMP, 636 558 R91 and CUP, 362 974 R91)

* Not Serviced Separately
Information is not available

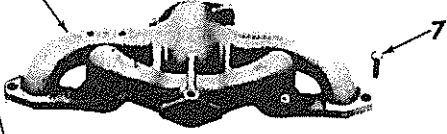
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ENGINE

CARBURATED



REF. NO.	PART NUMBER	DESCRIPTION
EXHAUST PIPE, SPARK ARRESTER AND WEATHERCAP (Upright Type)		
1		
2		
3		
4		
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14		
1	267 112 R91	WEATHERCAP, exhaust pipe
2	635 342 R91	MUFFLER, exhaust
3	635 340 R1	PIPE, engine manifold exhaust
4	369 645 R11	MANIFOLD, intake and exhaust (includes PIPE PLUG, 103 865 or 103 877)
5	352 014 R2	GASKET, manifold (2)
6	103 865	PLUG, 1/8" sq-hd. pipe (optional to use 103 877 - Plug)
6	103 877	PLUG, 1/8" sq-hd. pipe (optional to use 103 865 - Plug)
7	251 174 R1	STUD, manifold to cylinder head (6)(for use on engines up to serial No. 27740)
	251 176 R1	Manifold stud NUT (6)
7	179 841	BOLT, manifold to cylinder head (6) (3/8 x 1-1/4" hexagon BOLT)(for use on engine with serial No. 27741 and up)
8	192 104	BUSHING, 1-1/2 x 1-1/4" exhaust manifold reducer

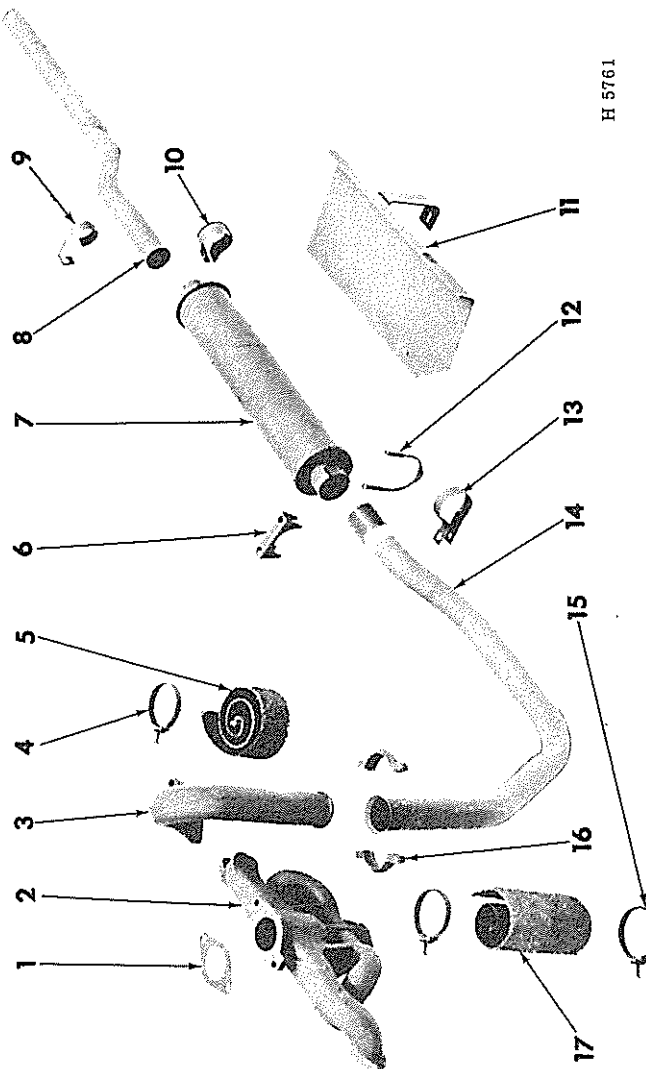
REF. NO.	PART NUMBER	DESCRIPTION
EXHAUST PIPE, SPARK ARRESTER AND WEATHERCAP - Contd (Upright Type)		
9	9 749 DA	BASE, spark arrester
10	353 265 R1	BODY, spark arrester
11	353 266 R1	TOP, spark arrester
12	636 156 R1	PLATE, exhaust pipe mounting
	186 317	3/8-NF x 5" hexagon BOLT (3)
	93 082 H	3/8"-NF hex. NUT (3)
13	636 158 R1	PIPE, exhaust
14	636 154 R91	PARTS ACCESSORY, spark arrester



ENGINE

CARBURATED



REF. NO.	PART NUMBER	DESCRIPTION
EXHAUST AND MUFFLER (Underslung)		
		
1	368 482 R1	GASKET, exhaust pipe elbow
2	369 645 R11	MANIFOLD, intake and exhaust (Includes PLUG, 103 865) 3/8 x 1-1/4" hexagon BOLT (6)
3	368 484 R11	ELBOW, exhaust pipe 3/8 x 1-1/8" hexagon BOLT (2) 3/8" lock WASHER (2)
4	46 364 H	CLAMP, exhaust pipe elbow asbestos
5	370 581 R1	ASBESTOS, exhaust pipe elbow
6	636 339 R1	CLAMP, exhaust pipe
7	636 125 R91	MUFFLER, exhaust (for use on tractors prior to serial No. 3006)

REF. NO.	PART NUMBER	DESCRIPTION
EXHAUST AND MUFFLER - Cont (Underslung)		
7	636 330 R91	MUFFLER, exhaust (for use on tractors with serial No. 3006 and up)
8	636 070 R1	PIPE, exhaust tail
9	636 071 R1	BRACKET, tail pipe
10	362 304 R1	CLAMP, tail pipe 3/8 x 1-3/8" hexagon BOLT 3/8" hex. NUT 3/8" lock WASHER
11	636 206 R11	SHIELD, muffler heat 3/4 x 1-1/2" hexagon BOLT 3/4" hex. NUT 3/4" lock WASHER
12	190 907 R1	"U" BOLT, exhaust pipe clamp 5/16"-NF hex. NUT (2) 5/16" lock WASHER (2)
13	636 069 R1	BRACKET, exhaust pipe (for use on tractors prior to serial No. 3006) 5/16 x 7/8" hexagon BOLT 5/16" lock WASHER
13	636 329 R1	BRACKET, exhaust pipe (for use on tractors with serial No. 3006 and up) 5/16 x 7/8" hexagon BOLT 5/16" lock WASHER
14	636 068 R11	PIPE, exhaust (for use on tractors prior to serial No. 3006)
14	636 328 R11	PIPE, exhaust (for use on tractors with serial No. 3006 and up)
15	29 979 D	CLAMP, exhaust pipe asbestos (2)
16	362 300 R1	CLAMP, exhaust pipe elbow (2) 5/16-NF x 1-5/8" cad-pltd. hexagon BOLT (2) 5/16"-NF hex. NUT (2) 5/16" lock WASHER (2)
17	370 639 R1	ASBESTOS, exhaust pipe
	636 184 R1	ADAPTOR, muffler intake (not illustrated) (for use on tractors prior to serial No. 3006)

* Not Serviced Separately

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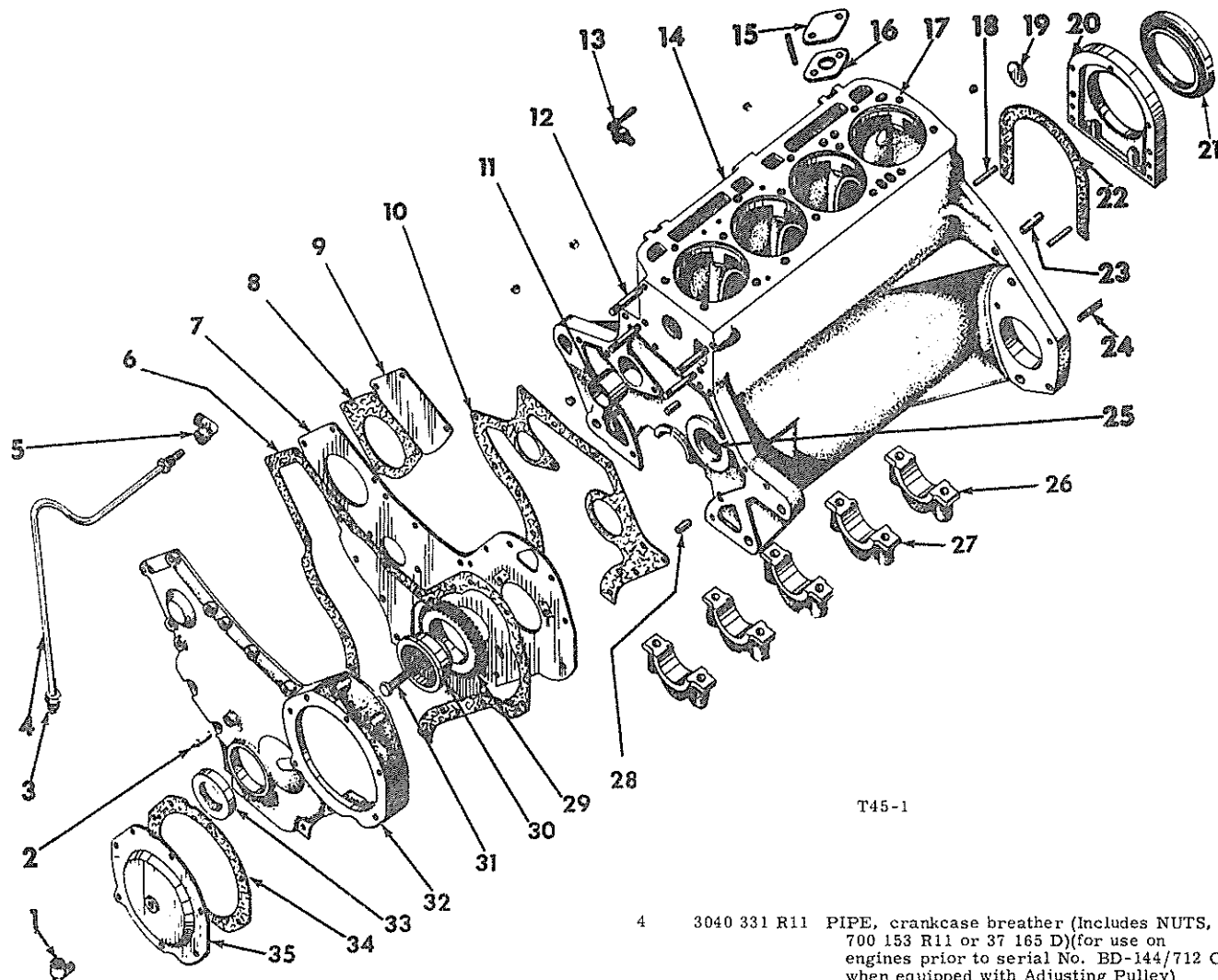


REF. NO.	PART NUMBER	DESCRIPTION
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REF. NO.	PART NUMBER	DESCRIPTION
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CRANKCASE AND RELATED PARTS

CRANKCASE AND RELATED PARTS - Cont



1	37 323 D	ELBOW, crankcase breather pipe (injection pump gear cover end)(for use on engines prior to serial No. BD-144/2654 C)
2	712 064 R1	POINTER, timing
3	700 153 R11	NUT, breather pipe (optional to use 37 165 D - Nut Assembly)(for use on engines prior to serial No. BD-144/2654 C)
3	37 165 D	NUT ASSEMBLY, breather pipe (optional to use 700 153 R11 - Nut)(for use on engines prior to serial No. BD-144/2654 C)
4	709 460 R11	PIPE, crankcase breather (Includes NUTS, 700 153 R11 or 37165 D)(for use on engines prior to serial No. BD-144/712 C)

4	3040 331 R11	PIPE, crankcase breather (Includes NUTS, 700 153 R11 or 37 165 D)(for use on engines prior to serial No. BD-144/712 C when equipped with Adjusting Pulley)
4	3040 831 R11	PIPE, crankcase breather (Includes NUTS, 700 153 R11 or 37165 D)(for use on engines with serial No. BD-144/712 C and up prior to BD-144/2654 C)
5	57 068 D	ELBOW, crankcase breather pipe (intake manifold end)(for use on engines prior to serial No. BD-144/2654 C)
6	703 847 R1	GASKET, crankcase front cover (for use on engines prior to serial No. BD-144/1951C)
6	708 285 R1	GASKET, crankcase front cover (for use on engines with serial No. BD-144/1951 C and up)

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* Not Serviced Separately

ENGINE

DIESEL

REF. NO.	PART NUMBER	DESCRIPTION
CRANKCASE AND RELATED PARTS - Cont		
7	703 841 R21	PLATE, crankcase front (Includes LOCKS, 46250 D and RIVETS, 110 638)(for use on engines prior to serial No. BD-144/1951 C)
	703 636 R1	Front plate bolt tab WASHER
	3047 230 R1	Front plate SCREW (2)
		5/16 x 3/4" hexagon BOLT
7	709 901 R11	PLATE, crankcase front (for use on engines with serial No. BD-144/1951 C and up)
	703 636 R1	Front plate bolt tab WASHER
	3047 230 R1	Front plate SCREW (2)
		5/16 x 3/4" hexagon BOLT
8	703 851 R1	GASKET, hydraulic pump opening cover
9	703 850 R1	COVER, hydraulic pump opening
		5/16 x 1-7/8" hexagon BOLT (3)
		5/16 x 2-1/8" hexagon BOLT
		3/4 x 11/32 x 16 gauge WASHER
		5/16" hex. NUT (4)
		5/16" lock WASHER (4)
10	709 903 R1	GASKET, crankcase front plate
11	703 827 R1	BUSHING, camshaft front
11	703 828 R1	BUSHING, camshaft centre
11	703 829 R1	BUSHING, camshaft rear
12	703 832 R1	STUD, water pump (4)
13	106 794	TAP, water drain (optional to use 707 888 R91 - Tap Assembly)
13	707 888 R91	TAP, water drain (optional to use 106 794 Tap)
14	3040 912 R22	CRANKCASE ASSEMBLY (for use on engines with serial No. BD-144/1951 C and up) composed of:
	10 Bolt	3061 211 R1
	1 Bushing	703 827 R1
	1 Bushing	703 828 R1
	1 Bushing	703 829 R1
	4 Cap	706 491 R2
	1 Cap	708 902 R2
	* 1 Crankcase	
	1 Insert	751 610 R1
	16 Insert	751 834 R1
	2 Pin	141 223
	2 Pin	141 244
	2 Pin	141 287
	1 Plug	172 578
	2 Plug	103 884
	3 Plug	103 883
	4 Stud	703 832 R1
	1 Stud	703 877 R1
	1 Tap	106 794
		or
		707 888 R91
	1 Tube	751 826 R1
	10 Washer	3061 325 R1
	103 884	1/4" slit-hdls. pipe PLUG (2)
	103 883	1/8" slit-hdls. pipe PLUG (3)
	172 578	1-3/4" expansion PLUG

REF. NO.	PART NUMBER	DESCRIPTION
CRANKCASE AND RELATED PARTS - Cont		
15	3042 468 R1	COVER, hourmeter drive opening (for use on engines with serial No. BD-144/1951 C and up)
		1/4 x 1/2" mach. BOLT (2)
		1/4" lock WASHER (2)
16	3042 467 R1	GASKET, hourmeter drive opening cover (for use on engines with serial No. BD-144/1951 C and up)
17	751 834 R1	INSERT, 7/16" thread (16)
18	141 223	PIN, oil seal retainer dowel (2)
19	172 578	PLUG, 1-3/4" expansion
20	708 904 R1	RETAINER, crankshaft oil seal (optional to use 708 905 R1 - Retainer)
	706 732 R1	Oil Seal retainer BOLT (7)
		5/16" lock WASHER (7)
20	708 905 R1	RETAINER, crankshaft oil seal (optional to use 708 904 R1 - Retainer)
	706 732 R1	Oil Seal retainer BOLT (7)
		5/16" lock WASHER (7)
21	708 903 R91	OIL SEAL, camshaft rear
22	708 907 R1	GASKET, rear oil seal retainer
23	141 287	PIN, crankcase rear dowel (2)
24	703 877 R1	STUD, starting motor
25	751 610 R1	INSERT, 1/2-NF x 1/2" idler gear bolt screw lock
26	708 902 R2	CAP, crankshaft rear bearing
	3061 211 R1	Crankshaft bearing cap BOLT (2)
	3061 325 R1	Crankshaft bearing cap bolt WASHER (2)
27	706 491 R2	CAP, crankshaft bearing (4)
	3061 211 R1	Crankshaft bearing cap BOLT (8)
	3061 325 R1	Crankshaft bearing cap bolt WASHER (8)
28	141 244	PIN, crankcase front dowel
29	703 852 R1	GEAR, idler



ENGINE

DIESEL



REF. NO.	PART NUMBER	DESCRIPTION
CRANKCASE AND RELATED PARTS - Cont		
30	703 853 R11 932 039 R1	SHAFT, idler gear (Includes PIN, 932 039 R1) 1/8 x 5/8" ROLL PIN
31	181 434	1/2-NF x 1-7/8" mach. BOLT
32	703 843 R11 46 250 D	COVER, crankcase front (Includes OIL SEAL 20290 D and POINTER, 712 064 R1)(for use on engines prior to serial No. BD-144/1951 C) 5/16 x 1" hexagon BOLT (5) 5/16 x 1-7/8" hexagon BOLT (3) 5/16" lock WASHER (8) Crankcase cover bolt LOCK (3) 3/16 x 5/16" button-hd. RIVET (3)
32	3043 217 R11	COVER, crankcase front (Includes OIL SEAL 20290 D and POINTER, 712 064 R1)(for use on engines with serial No. BD-144/ 1951 C and up)(optional to use 3043 218 R11 - Cover) 5/16 x 1" hexagon BOLT (5) 5/16 x 1-7/8" hexagon BOLT (3) 5/16" lock WASHER (8)
32	3043 218 R11	COVER, crankcase front (Includes OIL SEAL 20290 D and POINTER, 712 064 R1)(for use on engines with serial No. BD-144/ 1951 C and up)(optional to use 3043 217 R11 - Cover) 5/16 x 1" hexagon BOLT (5) 5/16 x 1-7/8" hexagon BOLT (3) 5/16" lock WASHER (8)
33	20 290 D	OIL SEAL, crankshaft front
34	703 849 R1	GASKET, injection pump gear cover
35	3040 337 R1	COVER, injection pump gear (for use on engines equipped with Fan Belt Adjusting Pulley)
35		COVER, injection pump gear (on engines prior to serial No. BD-144/712 C order 1 - 3040 332 R91 - Package)
35	751 611 R21	COVER, injection pump gear (for use on engines prior to serial No. BD-144/1951 C) 5/16 x 3/4" hexagon BOLT (2) 5/16 x 2-3/8" hexagon BOLT (5) 5/16" hex. NUT (4) 5/16" lock WASHER (7)
35	709 904 R2	COVER, injection pump gear (for use on engines with serial No. BD-144/1951 C and up to serial No. BD-144/2654 C) 5/16 x 3/4" hexagon BOLT (2) 5/16 x 2-1/2" hexagon BOLT (5) 5/16" hex. NUT (4) 5/16" lock WASHER (7)
35	3044 933 R1	COVER, injection pump gear (for use on engines with serial No. BD-144/2654 C and up) 5/16 x 3/4" hexagon BOLT (2) 5/16 x 2-1/2" hexagon BOLT (5) 5/16" hex. NUT (4) 5/16" lock WASHER (7)

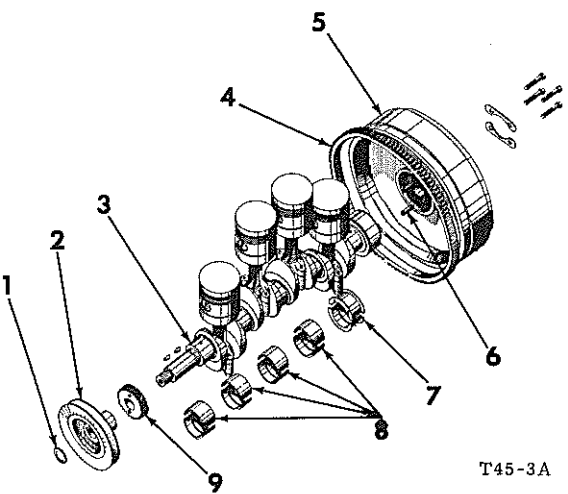
REF. NO.	PART NUMBER	DESCRIPTION
CRANKCASE AND RELATED PARTS - Cont		
3042 475 R93		PACKAGE, crankcase service (for use on engines prior to serial No. BD-144/1951 C) composed of: 1 Crankcase 3040 912 R22 1 Gasket 3042 467 R1 1 Cover 3042 468 R1 2 Bolt 179 791 2 Lockwasher 103 319 1 Gasket 3043 370 R1 1 Cover 3043 077 R1 2 Screw 138 221 103 884 1/4" slit-hdls. pipe PLUG (2) 103 883 1/8" slit-hdls. pipe PLUG (3) 172 578 1-3/4" expansion PLUG
3040 332 R91		PACKAGE, injection pump gear cover service (for use on engines prior to serial No. BD-144/712 C) composed of: 1 Cover 751 611 R21 1 Pipe 3040 331 R1 1 Nut 37 165 D or 700 153 R11
703 836 R1		WIRE, crankshaft bearing cap lock (5)(for use on engines prior to serial No. BD-144/ 2811 C)



ENGINE

DIESEL



REF. NO.	PART NUMBER	DESCRIPTION
FLYWHEEL CRANKSHAFT AND BEARINGS		
 T45-3A		
1	138 516	WASHER, 1" external-tooth lock
2	635 266 R2 218 211 219 755	PULLEY, fan drive 1/4 x 3/4" Woodruff KEY 1" hex. jam NUT
3	751 303 R31 219 755	CRANKSHAFT, standard (Includes BEARING, 708 909 R93 and PINS, 24550 D) 1" hex. jam NUT
4	13 456 VA	GEAR, 112 T flywheel ring
5	635 566 R11 635 573 R1 709 516 R1	FLYWHEEL, single stage clutch (for use with standard transmission, torque amplifier or reverser)(Includes GEAR, 13456 VA) Flywheel BOLT (4) Flywheel bolt LOCK (2)
5	635 567 R11 635 573 R1 709 516 R1	FLYWHEEL, double stage clutch (for use with constant running P. T. O.)(Includes GEAR, 13456 VA) Flywheel BOLT (4) Flywheel bolt LOCK (2)
6	24 550 D	PIN, flywheel dowel (2)
7	708 910 R91	BEARING, crankshaft main rear (standard)
7	708 915 R91	BEARING, crankshaft main rear (.015" undersize)
7	708 911 R91	BEARING, crankshaft main rear (.030" undersize)
8	710 318 R11	BEARING, crankshaft main front and centre (4)(standard)
8	713 657 R11	BEARING, crankshaft main front and centre (4)(.015" undersize)
8	710 740 R11	BEARING, crankshaft main front and centre (4)(.030" undersize)

REF. NO.	PART NUMBER	DESCRIPTION
FLYWHEEL CRANKSHAFT AND BEARINGS - Cont		
9	703 865 R1 218 211	PINION, 33 T crankshaft 1/4 x 3/4" Woodruff KEY
708 912 R91		SET, crankshaft main bearings (standard) (Includes BEARINGS, 710 318 R11 and 708 910 R91)
708 914 R91		SET, crankshaft main bearings (.015" undersize)(Includes BEARINGS, 713 657 R11 and 708 915 R91)
708 913 R91		SET, crankshaft main bearings (.030" undersize)(Includes BEARINGS, 710 740 R11 and 708 911 R91)

* Not Serviced Separately

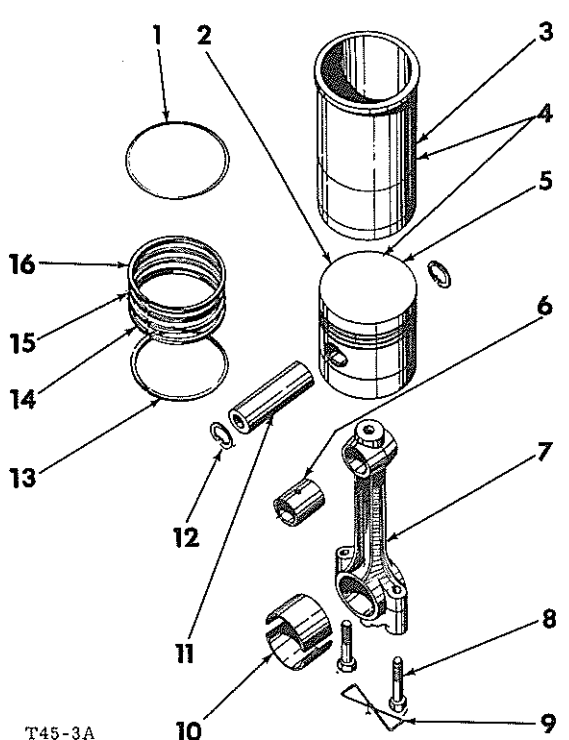
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ENGINE

DIESEL



REF. NO.	PART NUMBER	DESCRIPTION
CONNECTING ROD AND CYLINDER SLEEVES		
		
T45-3A		
1	704 100 R1	RING, cylinder sleeve packing (4)
2	3040 369 R1	PISTON LESS RINGS (4)(for use on engines prior to serial No. BD-144/779 C)
2	704 099 R2	PISTON LESS RINGS (4)(for use on engines with serial No. BD-144/779 C and up)
3	704 092 R1	SLEEVE, cylinder (4)
4	3040 364 R91	SLEEVE w/PISTON, cylinder (4)(Includes PISTON, 3040 365 R91 - RING, 704 100 R1 and SLEEVE, 704 092 R1)(for use on engines prior to serial No. BD-144/779 C)
4	751 604 R92	SLEEVE w/PISTON, cylinder (4)(Includes PISTON, 751 605 R92 - RING, 704 100 R1 and SLEEVE, 704 092 R1)(for use on engines with serial No. BD-144/779 C and up)
5	3040 365 R91	PISTON ASSEMBLY, cylinder (w/rings)(4) (for use on engines prior to serial No. BD-144/779 C) composed of: 1 Pin 704 094 R1 1 Piston 3040 369 R1 2 Retainer 704 095 R1 1 Ring 3040 366 R1 1 Ring 3040 367 R1 1 Ring 3040 368 R91

REF. NO.	PART NUMBER	DESCRIPTION
CONNECTING ROD AND CYLINDER SLEEVES - Cont		
5	751 605 R92	PISTON ASSEMBLY, cylinder (w/rings)(4) (for use on engines with serial No. BD-144/779 C and up) composed of: 1 Pin 704 094 R1 1 Piston 704 099 R2 2 Retainer 704 095 R1 1 Ring 704 096 R1 2 Ring 704 097 R1 1 Ring 704 098 R1 or 705 993 R1 1 Ring 751 606 R91
6	711 045 R1	BUSHING, piston pin (4)(optional to use 3043 611 R1 - BUSHING)
6	3043 611 R1	BUSHING, piston pin (4)(optional to use 711 045 R1 - BUSHING)
7	704 088 R91	ROD, connecting (4)(Includes BOLTS, 3043 216 R1 and BUSHING, 711 045 R1 or 3043 611 R1)
8	3043 216 R1	BOLT, connecting rod cap (8)
9	706 156 R1	WIRE, connecting rod bolt (4)(for use on engines prior to serial No. BD-144/2693 C)
10	710 327 R11	BEARING, connecting rod (4)(standard)
10	713 660 R11	BEARING, connecting rod (4)(.015" undersize)
10	710 737 R11	BEARING, connecting rod (4)(.030" undersize)
11	704 094 R1	PIN, cylinder piston (4)(standard)
11	706 411 R1	PIN, cylinder piston (4)(.005" oversize)
12	704 095 R1	RETAINER, piston pin (8)
13	3040 368 R91	RING, oil control piston (4)(for use on engines prior to serial No. BD-144/779 C)
13	704 098 R1	RING, oil control piston (4)(optional to use 705 993 R1 - RING)(for use on engines with serial No. BD-144/779 C and up)
13	705 993 R1	RING, oil control piston (4)(optional to use 704 098 R1 - RING)(for use on engines with serial No. BD-144/779 C and up)
14	751 606 R91	RING, oil control piston top (4)(for use on engines with serial No. BD-144/779 C and up)
15	3040 367 R1	RING, piston compression (4)(for use on engines prior to serial No. BD-144/779 C)
15	704 097 R1	RING, piston compression (8)(for use on engines with serial No. BD-144/779 C and up)



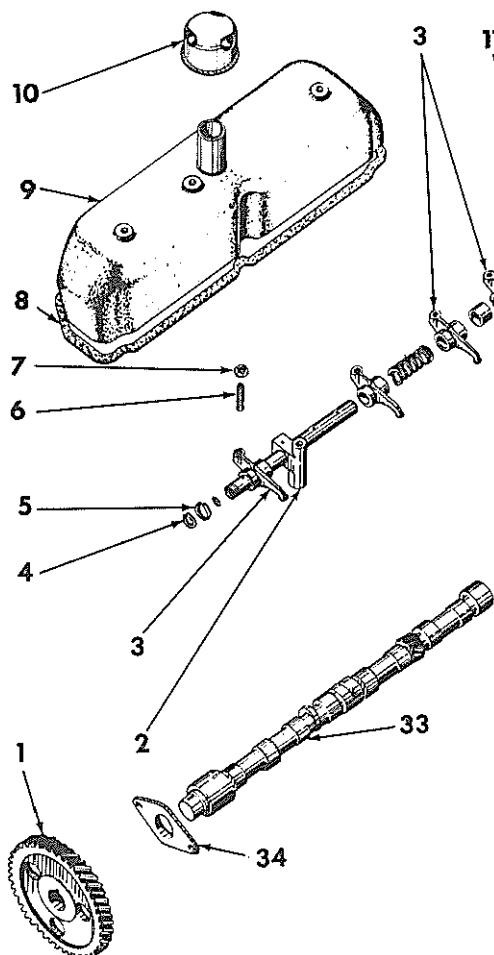
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REF. NO.	PART NUMBER	DESCRIPTION
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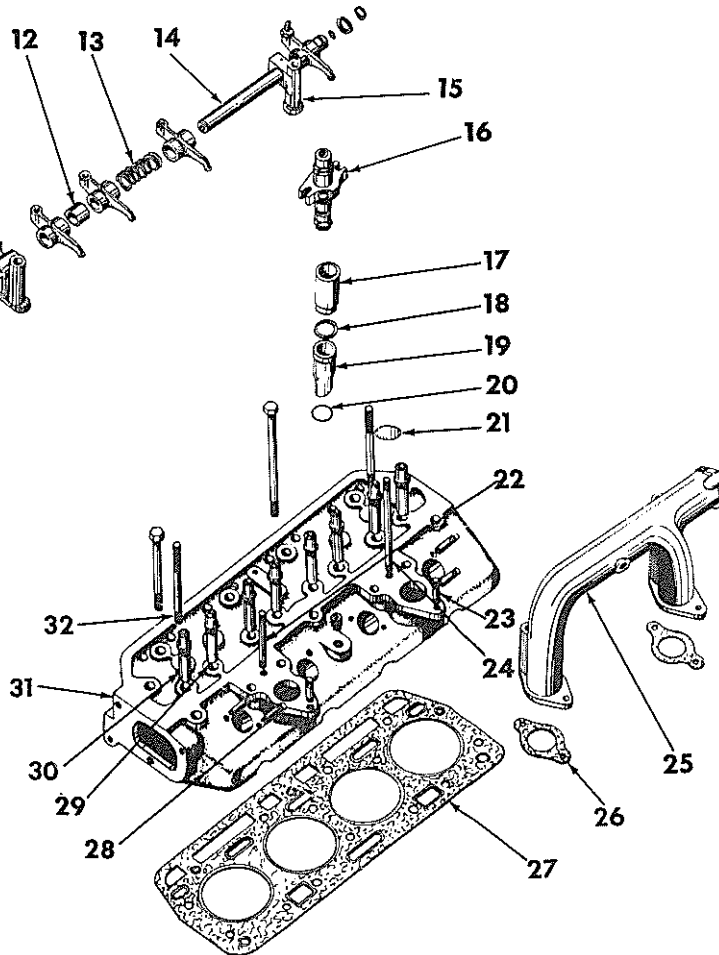
CYLINDER HEAD, VALVE COVER AND LEVERS



1	703 812 R1 218 217	GEAR, 66 T camshaft 3/16 x 5/8" Woodruff KEY
2	703 886 R2	BRACKET, valve lever shaft front 3/16 x 1-1/4" groove PIN 3/8" hex. NUT
3	709 338 R1	LEVER, valve (8)(optional to use 706 131 R11 - Lever)
3	706 131 R11 24 564 DA	LEVER, valve (8)(Includes BUSHING, 24 564 DA)(optional to use 709 338 R1 - Lever) Valve lever BUSHING (8)
4	43 375 D	RING, valve lever shaft snap (2)
5	43 374 D	WASHER, valve lever shaft spring (2)
6	16 067 DA	SCREW, valve lever adjusting (8)
7	133 093 R1	NUT, valve lever adjusting screw (8)
8	703 896 R1	GASKET, valve cover

REF. NO.	PART NUMBER	DESCRIPTION
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CYLINDER HEAD, VALVE COVER AND LEVERS - Cont



9	703 894 R21	COVER, valve 3/8" hex. NUT (2)
10	707 469 R1	BREATHER, valve cover (optional to use 709 522 R91 - Breather)
10	709 522 R91	BREATHER, valve cover (optional to use 707 469 R1 - Breather)
11	703 885 R1	BRACKET, valve lever shaft centre
12	703 893 R2	SPACER, valve lever (2)
13	45 949 D	SPRING, valve lever (2)
14	703 884 R21 172 528	SHAFT, valve lever (2)(Includes PLUG, 172 528) 9/16" dia. expansion PLUG (2)
15	703 887 R2	BRACKET, valve lever shaft rear 3/16 x 1-1/4" groove PIN (2) 3/8" hex. NUT (2)

* Not Serviced Separately

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REF. NO.	PART NUMBER	DESCRIPTION
CYLINDER HEAD, VALVE COVER AND LEVERS - Cont		
16	706 077 R1	NOZZLE, holder and injection (4) (Refer to "FUEL INJECTION NOZZLE") 3/8" NF hex. NUT (8) Special nozzle WASHER (8)
17	705 358 R1	HOLDER, pre-combustion chamber (4) (for use on engines prior to serial No. BD-144/1951 C)
17	708 314 R1	HOLDER, pre-combustion chamber (4)(for use on engines with serial No. BD-144/1951 C and up)
18	710 382 R3	GASKET, pre-combustion chamber upper (4)
19	705 359 R2	CHAMBER, pre-combustion (4)(for use on engines prior to serial No. BD-144/ # C)
19	3045 523 R1	CHAMBER, pre-combustion (4)(for use on engines with serial No. BD-144/ # C and up)
20	710 383 R1	GASKET, pre-combustion chamber lower (4)
21	172 558	PLUG, cylinder head expansion (2)
22	703 878 R1	STUD, intake manifold right front (for use on engines prior to serial No. BD-144/2654 C) 3/8" hex. NUT 3/8" lock WASHER
23	703 877 R1	STUD, intake manifold left (2)(for use on engines prior to serial No. BD-144/2654 C) 3/8" hex. NUT (2) 3/8" lock WASHER (2)
24	703 879 R2	STUD, intake manifold right rear (for use on engines prior to serial No. BD-144/2654 C) 3/8" hex. NUT 3/8" lock WASHER
25	709 464 R1	MANIFOLD, air intake (for use on engines prior to serial No. BD-144/2654 C) 3/8" hex. NUT (4) 3/8" lock WASHER (4)
25	3044 934 R1	MANIFOLD, air intake (for use on engines with serial No. BD-144/2654 C and prior to BD-144/2825 C) 3/8 x 1-1/4" hexagon BOLT (2) 3/8 x 3-1/8" hexagon BOLT 3/8 x 5-1/2" hexagon BOLT 3/8" lock WASHER (4)
25	3048 572 R1	MANIFOLD, air intake (for use on engines with serial No. BD-144/2825 C and up) 3/8 x 1-1/4" hexagon BOLT (2) 3/8 x 3-1/8" hexagon BOLT 3/8 x 5-1/2" hexagon BOLT 3/8" lock WASHER (4)
26	704 162 R1	GASKET, air intake manifold (2)

REF. NO.	PART NUMBER	DESCRIPTION
CYLINDER HEAD, VALVE COVER AND LEVERS - Cont		
27	703 883 R6	GASKET, cylinder head
28	703 876 R2	STUD, injection nozzle holder (8)
29	704 445 R1	GUIDE, intake valve stem (4)
30	704 456 R2	GUIDE, exhaust valve stem (4)
31		HEAD ASSEMBLY, cylinder (less valves) (for service on engines prior to serial No. BD-144/1951 C order 1 - 3043 824 R12 - Cylinder Head Assembly and 4 - 3043 826 R1 - Exhaust Valves)
31	3043 824 R12	HEAD ASSEMBLY, cylinder (less valves) (for service on engines with serial No. BD-144/1951 C and up) composed of: 4 Guide 704 455 R1 4 Guide 704 456 R2 * 1 Head 4 Lockwasher 103 321 2 Plug 172 558 4 Stud 703 874 R1 2 Stud 703 875 R1 8 Stud 703 876 R2 2 Stud 179 841 1 Stud 186 279 1 Stud 187 491 103 868 1/2" sq-hd. pipe PLUG 708 331 R1 Cylinder head short BOLT (15) 708 332 R1 Cylinder head long BOLT 63 116 D Cylinder head bolt WASHER (16)
31	3040 360 R95	HEAD ASSEMBLY, cylinder (with valves) composed of: 8 Cup 704 446 R1 1 Head 3043 824 R12 16 Lock 704 443 R1 8 Spring 710 347 R2 4 Valve 3040 361 R1 4 Valve 3043 826 R1 103 868 1/2" sq-hd. pipe PLUG 708 331 R1 Cylinder head short BOLT (15) 708 332 R1 Cylinder head long BOLT 63 116 D Cylinder head bolt WASHER (16)
32	703 875 R1	STUD, rocker shaft end bracket (2)
33	709 450 R1	CAMSHAFT
34	43 249 D 26 058 D 115 549	PLATE, camshaft thrust Camshaft thrust plate SCREW (2) 3/8" internal-tooth lock WASHER (2)
	3049 382 R1	GROMMET, head gasket rubber (2) (not illustrated)

* Not Serviced Separately
Information not Available

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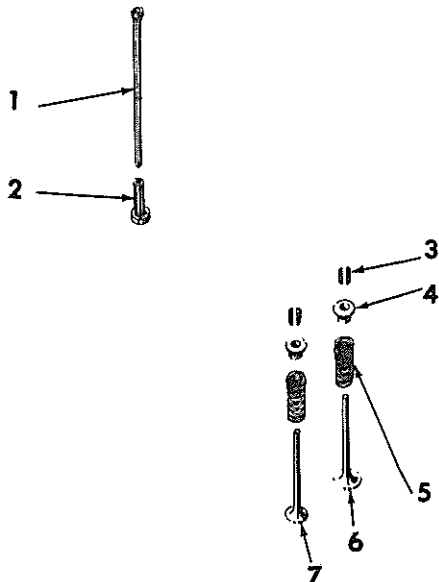
ENGINE

DIESEL



REF. NO.	PART NUMBER	DESCRIPTION
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VALVE, PUSH ROD AND TAPPET



1	704 783 R2	ROD, valve push (8)
2	704 782 R1	TAPPET, valve (8)
3	704 443 R1	LOCK, valve spring (16)
4	704 446 R1	CUP, valve spring retainer (8)
5	710 347 R2	SPRING, exhaust and intake valve (8)
6	3040 362 R1	VALVE, exhaust (4)(for use on engine prior to serial No. BD-144/1951 C)
6	3043 826 R1	VALVE, exhaust (4)(for use on engines equipped with cylinder head - 3043 824 R12)
7	3040 361 R1	VALVE, intake (4)

REF. NO.	PART NUMBER	DESCRIPTION
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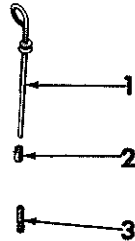
ENGINE

DIESEL



REF. NO.	PART NUMBER	DESCRIPTION
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CRANKCASE OIL LEVEL GAUGE

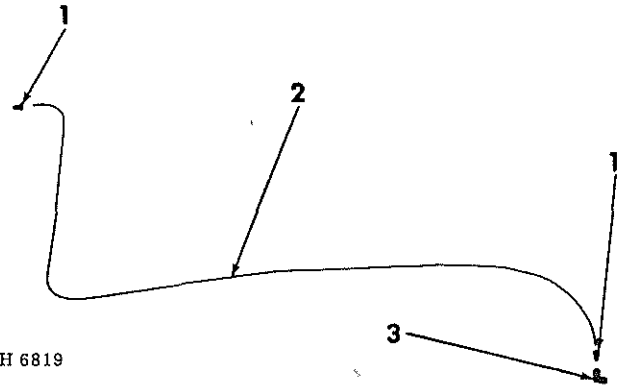


T20-135 A

1	706 977 R91	GAUGE, oil level
2	706 976 R1	GROMMET, oil level gauge (for use on engines prior to serial No. BD-144/801 C)
3	706 975 R1	PIN, oil level gauge roll (for use on engines prior to serial No. BD-144/801 C)
3	751 826 R1	TUBE, oil level gauge (for use on engines with serial No. BD-144/801 C and up)

REF. NO.	PART NUMBER	DESCRIPTION
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OIL PRESSURE GAUGE LINE



H 6819

1	36 092 D	NUT, pressure line (2)
2	635 339 R12	LINE, oil pressure (includes NUTS, 36092 D)
3	36 637 D	ELBOW, crankcase pressure line

D I E S E L

T20-135

704 105 R95 PUMP ASSEMBLY, oil (for use on engines prior to serial No. BD-144/520 C) composed of:

1 Ball	751 830 R1
1 Body	751 827 R93
1 Bolt	179 826
2 Bolt	179 828
1 Bolt	179 829
1 Cover	751 828 R1
1 Gasket	711 558 R1
2 Nut	102 634
1 Pin	108 635
1 Screen	56 108 D
1 Spring	751 829 R1
6 Washer	115 548

3/8 x 1-1/8" hexagon BOLT
3/8" internal-tooth lock WASHER

REF. NO.	PART NUMBER	DESCRIPTION
CRANKCASE OIL PAN AND OIL PUMP - Cont		
3043 131 R92	PUMP ASSEMBLY, oil (for use on engines with serial No. BD-144/520 C and up) composed of:	
	1 Ball	751 830 R2
	1 Body	3043 132 R92
	1 Bolt	179 826
	2 Bolt	179 828
	1 Bolt	179 829
	1 Cover	751 828 R1
	1 Gasket	711 558 R1
	2 Nut	102 634
	1 Pin	108 635
	1 Screen	56 108 D
	1 Spring	751 829 R1
	6 Washer	115 548
	3/8 x 1-1/8" hexagon BOLT	
	3/8" internal tooth lock WASHER	
1	704 107 R1 932 204 R1 103 905	PINION, oil pump drive Oil pump pinion ROLLPIN 1/8 x 5/8" Woodruff KEY
2	3042 478 R1	SHAFT, oil pump drive
3		BODY, oil pump (*) (on engines prior to serial No. BD-144/520 C order 1 - 706 630 R91 - Body)
3		BODY, oil pump (*) (on engines with serial No. BD-144/520 C and up order 1 - 751 831 R91 - Body)
4	103 883	PLUG, 1/8" sq-hd. pipe
5		SHAFT, oil pump idler gear (*) (on engines prior to serial No. BD-144/520 C order 1 - 706 630 R91 - Body)
5		SHAFT, oil pump idler gear (*) (on engines with serial No. BD-144/520 C and up order 1 - 751 831 R91 - Body)
6	706 628 R1	GASKET, oil pump body
7		CASE, oil pump gear (*) (on engines prior to serial No. BD-144/520 C order 1 - 706 630 R91 - Body)
7		CASE, oil pump gear (*) (on engines with serial No. BD-144/520 C and up order 1 - 751 831 R91 - Body)
8	706 630 R91	BODY ASSEMBLY, oil pump (on engines prior to serial No. BD-144/520 C) composed of:
	* 1 Body	
	* 1 Case	
	1 Gasket	706 628 R1
	2 Pin	932 205 R1
	1 Plug	103 883
	* 1 Shaft	



ENGINE

DIESEL



REF. NO.	PART NUMBER	DESCRIPTION
CRANKCASE OIL PAN AND OIL PUMP - Cont		
8	751 831 R92	BODY ASSEMBLY, oil pump (on engines with serial No. BD-144/520 C and up) composed of: * 1 Body * 1 Case 1 Gasket 706 828 R1 2 Pin 932 205 R1 1 Plug 103 883 * 1 Shaft
9	16 016 R1	BALL, oil pressure regulating valve (on engines prior to serial No. BD-144/520 C)
9	751 830 R1	BALL, oil pressure regulating valve (on engines with serial No. BD-144/520 C and up)
10	713 171 R1	SPRING, oil pressure regulating valve (on engines prior to serial No. BD-144/520 C)
10	751 829 R1	SPRING, oil pressure regulating valve (on engines with serial No. BD-144/520 C and up)
11	56 108 D	SCREEN, oil pump 1/8 x 1-1/8" cotter PIN
12	703 840 R1	GASKET, crankcase oil pan
13	3040 354 R11	PAN, crankcase oil 5/16 x 7/8" hexagon BOLT (14) 5/16" lock WASHER (14)
14	3 405 H	GASKET, oil pan drain plug (optional to use 3043 644 R1 - Gasket)
14	3043 644 R1	GASKET, oil pan drain plug (optional to use 3405 H - Gasket)
15	359 875 R1	PLUG, oil pan drain
16	708 110 R1	COVER, oil pump (on engines prior to serial No. BD-144/520 C)
	933 205 R1	Oil pump cover ROLLPIN 5/16 x 2" hexagon BOLT 5/16 x 2-1/2" hexagon BOLT (2) 5/16 x 2-3/4" hexagon BOLT 5/16" hex. NUT (2) 5/16" internal-tooth lock WASHER
16	751 828 R1	COVER, oil pump (for engines with serial No. BD-144/520 C and up)
	933 205 R1	Oil pump cover ROLLPIN 5/16 x 2" hexagon BOLT 5/16 x 2-1/2" hexagon BOLT (2) 5/16 x 2-3/4" hexagon BOLT 5/16" hex. NUT (2) 5/16" internal-tooth lock WASHER (6)
17	711 558 R1	GASKET, oil pump gear (use as required)
18	27 999 H	RETAINER, pump body gear

REF. NO.	PART NUMBER	DESCRIPTION
CRANKCASE OIL PAN AND OIL PUMP - Cont		
19	712 096 R1	GEAR, oil pump body (on engines prior to serial No. BD-144/520 C) 1/8 x 5/8" Woodruff KEY
19	751 656 R1	GEAR, oil pump body (on engines with serial No. BD-144/520 C and up) 1/8 x 5/8" Woodruff KEY
20	712 097 R1	GEAR, oil pump body idler (on engines prior to serial No. BD-144/520 C)
20	751 657 R1	GEAR, oil pump body idler (on engines with serial No. BD-144/520 C and up)
21	704 106 R91	BODY ASSEMBLY, oil pump (on engines prior to serial No. BD-144/520 C) composed of: 1 Body 706 630 R91 1 Gear 712 096 R1 1 Gear 712 097 R1 2 Key 103 905 1 Pinion 704 107 R1 1 Pin 932 204 R1 1 Retainer 27 999 H 1 Shaft 3042 478 R1
21	751 827 R93	BODY ASSEMBLY, oil pump (on engines with serial No. BD-144/520 C and up to serial No. BD-144/1951 C) composed of: 1 Body 751 831 R92 1 Gear 751 656 R1 1 Gear 751 657 R1 2 Key 103 905 1 Pinion 704 107 R1 1 Pin 932 204 R1 1 Retainer 27 999 H 1 Shaft 3042 478 R1
21	3043 132 R92	BODY ASSEMBLY, oil pump (on engines with serial No. BD-144/1951 C and up) composed of: 1 Body 751 831 R92 1 Gear 751 656 R1 1 Gear 751 657 R1 2 Key 103 905 1 Pinion 704 107 R1 1 Pin 932 204 R1 1 Retainer 27 999 H 1 Shaft 3042 478 R1 1 Coupling 3042 479 R1
	3042 479 R1	COUPLING, hourmeter driven (not illustrated) (for use on engines with serial No. BD-144/1951 C and up)

* Not Serviced Separately

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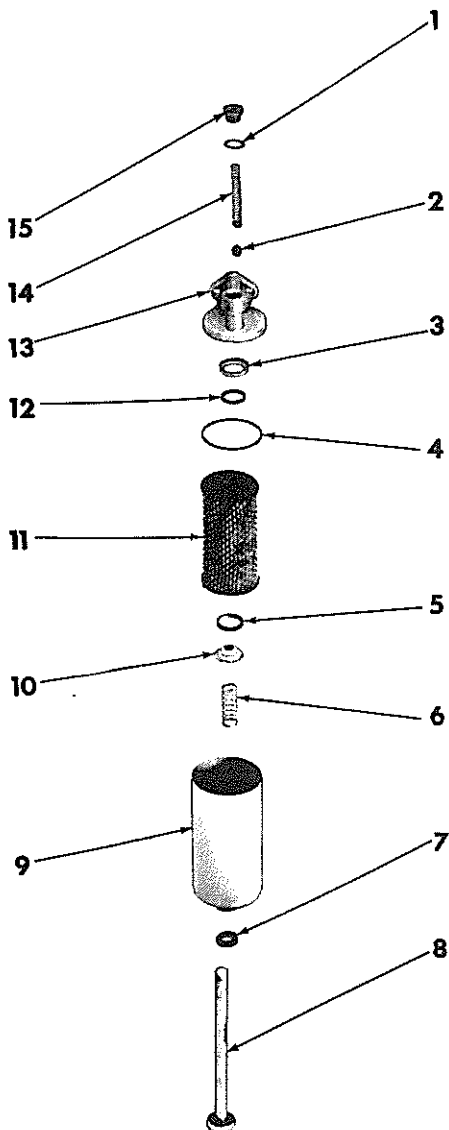


ENGINE

DIESEL



REF. NO.	PART NUMBER	DESCRIPTION
ENGINE OIL FILTER		



H 4449

705 612 R91 FILTER, oil (composed of all parts listed below)(optional to use 3042 420 R91 or 708 548 R91 - Filter)
3/8 x 1-1/4" hexagon BOLT (2)
3/8" lock WASHER (2)

REF. NO.	PART NUMBER	DESCRIPTION
ENGINE OIL FILTER - Cont		

3042 420 R91 FILTER, oil (optional to use 708 548 R91 or 705 612 R91 - Filter)(parts not illustrated)
composed of:

1 Ball	3043 285 R1
1 Bolt	3043 290 R1
1 Circlip	3042 430 R1
1 Container	3043 289 R1
1 Head	3043 284 R1
1 Plate	3043 315 R1
1 Plate	3043 293 R91
1 Plug	3043 287 R1
1 Spring	3043 286 R1
1 Spring	3043 291 R1
1 Washer	3042 428 R1
1 Washer	3042 425 R1
1 Washer	3043 288 R1
1 Washer	3042 423 R1
1 Washer	3043 292 R1
1 Ring	3042 423 R1
1 Element	3042 419 R92

or
3043 283 R92
3/8 x 1-1/4" hexagon BOLT (2)
3/8" lock WASHER (2)

708 548 R91 FILTER, oil (optional to use 3042 420 R91 or 705 612 R91 - Filter)(parts not illustrated)
composed of:

1 Ball	707 870 R1
1 Bolt	707 872 R1
1 Circlip	707 869 R1
1 Circlip	707 874 R1
1 Collar	707 862 R1
1 Element	3042 419 R92

or
3043 283 R92

1 Gasket	707 861 R1
1 Guide	707 868 R1
1 Guide	707 871 R1
1 Head	707 873 R1
1 "O" Ring	707 863 R1
1 Seal	707 867 R1
1 Seal	707 859 R1
1 Seat	707 864 R1
1 Spring	707 860 R1
1 Spring	707 865 R1
1 Sump	707 866 R91
1 Washer	708 967 R1

3/8 x 1-1/4" hexagon BOLT (2)
3/8" lock WASHER (2)

1	705 740 R1	GASKET, valve plug
2	705 743 R1	BALL, engine relief valve
3	705 745 R1	INSERT, gasket cover
4	705 744 R1	GASKET, cover
5	705 735 R1	SEAL, lower element
6	705 737 R1	SPRING, element retainer
7	705 733 R1	WASHER, filter shell centre bolt
8	705 732 R1	BOLT, shell centre



ENGINE

DIESEL



REF. NO.	PART NUMBER	DESCRIPTION	REF. NO.	PART NUMBER	DESCRIPTION
ENGINE OIL FILTER - Cont					
9	705 736 R1	SHELL, oil filter			
9	705 731 R91	SHELL ASSEMBLY, oil filter composed of:			
		1 Bolt		705 732 R1	
		1 Retainer		705 734 R1	
		1 Seal		705 735 R1	
		1 Shell		705 736 R1	
		1 Spring		705 737 R1	
		1 Washer		705 733 R1	
10	705 734 R1	RETAINER, lower seal			
11	3042 419 R92	ELEMENT, oil filter (optional to use 3043 283 R91 - Element)			
11	3043 283 R92	ELEMENT, oil filter (optional to use 3042 419 R92 - Element)			
12	705 735 R1	SEAL, element top			
13	705 742 R1	COVER, oil filter element			
13	705 738 R91	COVER ASSEMBLY, oil filter composed of:			
		1 Ball		705 743 R1	
		1 Cover		705 742 R1	
		1 Gasket		705 740 R1	
		1 Gasket		705 744 R1	
		1 Insert		705 745 R1	
		1 Plug		705 739 R1	
		1 Seal		705 735 R1	
		1 Spring		705 741 R1	
14	705 741 R1	SPRING, element relief valve			
15	705 739 R1	PLUG, valve			

* Not Serviced Separately

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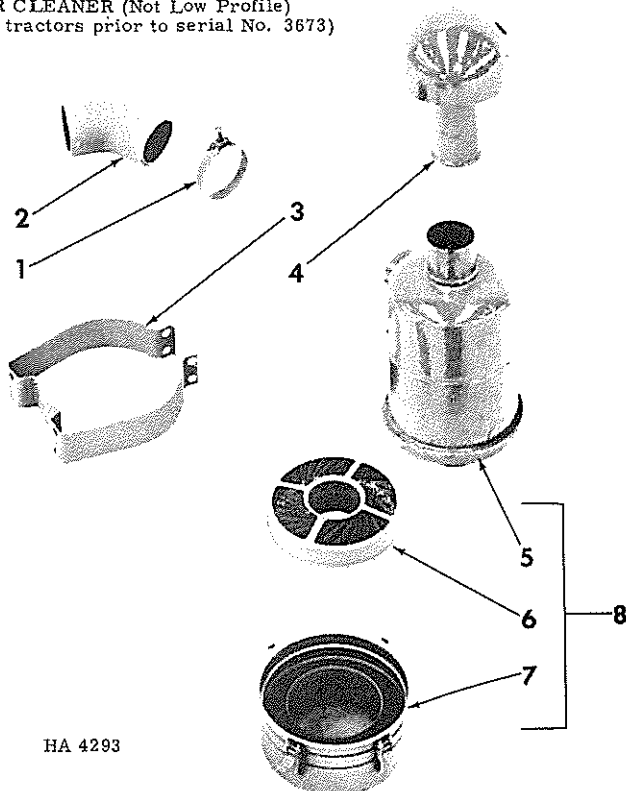
ENGINE

DIESEL



REF. NO.	PART NUMBER	DESCRIPTION
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AIR CLEANER (Not Low Profile)
(on tractors prior to serial No. 3673)

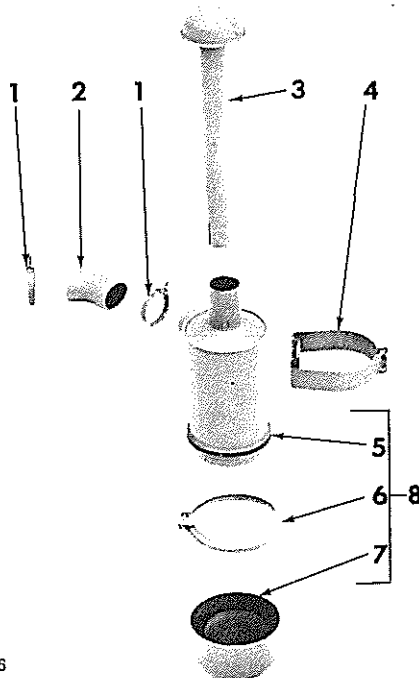


HA 4293

- | | | |
|---|--------------|--|
| 1 | 29 970 D | CLAMP, air cleaner hose (2) |
| 2 | 635 647 R1 | HOSE, intake manifold |
| 3 | 704 536 R1 | BRACKET, air cleaner support
5/16 x 5/8" hexagon BOLT (2)
5/16 x 3/4" hexagon BOLT (2)
5/16 x 1" slt-fil-hd. SCREW (2)
5/16" sq. nut (2)
5/16" hex. NUT (4)
11/32 x 3/4 x 11 gauge WASHER
5/16" lock WASHER (4) |
| 4 | 335 481 R91 | CAP, cleaner air intake |
| 5 | | BODY, air cleaner (*)(for service order
1 - 636 706 R91 - Cleaner) |
| 6 | 3042 601 R91 | ELEMENT, air cleaner |
| 7 | 635 615 R91 | BASE, air cleaner |
| 8 | | CLEANER, air (for service order
636 706 R91 - Cleaner) |
| | 3044 984 R1 | RING, cleaner sealing (not illustrated) |

REF. NO.	PART NUMBER	DESCRIPTION
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AIR CLEANER (Not Low Profile)
(on tractors with serial No. 3673 and up)



H 5746

- | | | |
|---|-------------|---|
| 1 | 29 970 D | CLAMP, air cleaner hose (2) |
| 2 | 635 647 R1 | HOSE, intake manifold |
| 3 | 636 707 R91 | CAP, cleaner air intake |
| 4 | 704 536 R1 | BRACKET, air cleaner support
5/16 x 5/8" hexagon BOLT (2)
5/16 x 3/4" hexagon BOLT (2)
5/16 x 1" slt-fil-hd. SCREW (2)
5/16" sq-NUT (2)
11/32 x 3/4 x 11 gauge WASHER
5/16" lock WASHER (4)
5/16" hex. NUT (2) |
| 5 | | BODY, air cleaner (*)(order 636 706 R91 -
Cleaner) |
| 6 | 636 558 R91 | CLAMP, air cleaner |
| 7 | 362 974 R91 | CUP, air cleaner |
| 8 | 636 706 R91 | CLEANER, air (Includes CLAMP,
636 558 R91 and CUP, 362 974 R91) |



ENGINE

DIESEL



REF. NO.	PART NUMBER	DESCRIPTION
AIR CLEANER (Low Profile Only)		
H 5746		
1	704 536 R1	BRACKET, air cleaner support 5/16 x 5/8" hexagon BOLT (2) 5/16 x 3/4" hexagon BOLT (2) 5/16 x 1" slt-fil-hd. SCREW (2) 5/16" hex. NUT (4) 5/16" square NUT (2) 11/32 x 3/4 x 11 gauge WASHER 5/16" lock WASHER (4)
2	635 647 R1	HOSE, intake manifold
3	29 970 D	CLAMP, intake manifold hose (2)
4	705 933 R91	CLAMP, air intake cap
5	704 535 R92	CAP, air intake (optional to use 706 221 R91 - Cap)
5	706 221 R91	CAP, air intake (optional to use 704 535 R92 - Cap)
6		BODY, air cleaner (*) (order 636 218 R91 - Cleaner)
7	3042 601 R91	ELEMENT, air cleaner
8	635 615 R91	BASE, air cleaner
9	636 218 R91	CLEANER, air (Includes BASE, 635 615 R91; ELEMENT, 3042 601 R91 and RING, 3044 984 R1)
	3044 984 R1	RING, air cleaner sealing (not illustrated)

REF. NO.	PART NUMBER	DESCRIPTION
PRE-CLEANER (NOT Low Profile)		
H 6772		
1	361 412 R91	CAP, pre-cleaner (United Specialties)
1	362 999 R91	CAP, pre-cleaner (Donaldson)
2	361 413 R91	BODY, pre-cleaner (United Specialties)
2	363 000 R1	BODY, pre-cleaner (Donaldson)
3		SLEEVE, pre-cleaner (*) (for service order 1 - - Cleaner) 1/4 x 1-1/4" slt-hd. SCREW 1/4" sq. NUT
4		PRE-CLEANER, (for service order 1 - - Pre-Screener)
5	636 506 R91	ADAPTOR, pre-cleaner mounting

* Not Serviced Separately

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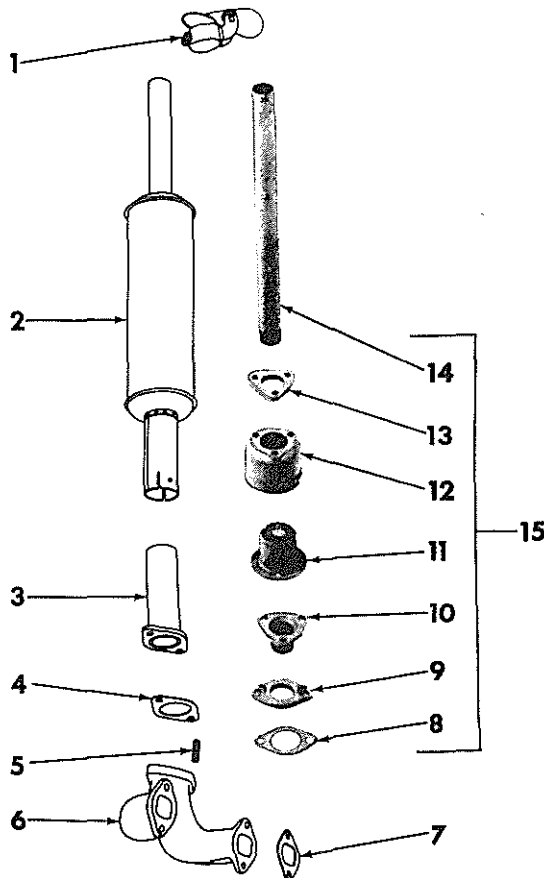


ENGINE

DIESEL



REF. NO.	PART NUMBER	DESCRIPTION
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EXHAUST PIPE, SPARK ARRESTER AND WEATHERCAP
(Upright Type)

NOTE "A" For use on engines with serial No. BD-144/1001 C to BD-144/1339 C, BD-144/1341 C to BD-144/1378 C, BD-144/1380 C, BD-144/1383 C, BD-144/1385 C, BD-144/1387 C, BD-144/1390 C to BD-144/1394 C, BD-144/1402 C, BD-144/1407 C, BD-144/1414 C to BD-144/1428 C.

NOTE "B" For use on engines with serial No. BD-144/501 C to BD-144/1000 C, BD-144/1340 C, BD-144/1379 C, BD-144/1381 C, BD-144/1382 C, BD-144/1384 C, BD-144/1386 C, BD-144/1388 C, BD-144/1389 C, BD-144/1395 C to BD-144/1401 C, BD-144/1403 C to BD-144/1406 C, BD-144/1408 C to BD-144/1413 C, BD-144/1429 C and up.

1	267 112 R91	WEATHERCAP, exhaust pipe
2	704 616 R93	MUFFLER, exhaust (optional to use 707 713 R92 - Muffler)(Note "A")
2	707 713 R92	MUFFLER, exhaust (optional to use 704 616 R93 - Muffler)(Note "A")
2	635 342 R91	MUFFLER, exhaust (Note "B")

REF. NO.	PART NUMBER	DESCRIPTION
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EXHAUST PIPE, SPARK ARRESTER AND WEATHERCAP - Cont
(Upright Type)

3	704 614 R21 20 299 D	PIPE, exhaust flange (Note "A") Exhaust manifold stud NUT (2) 3/8" lock WASHER (2)
3	635 341 R11 20 299 D	PIPE, exhaust flange (Note "B") Exhaust manifold stud NUT (2) 3/8" lock WASHER (2)
4	704 613 R1	GASKET, exhaust pipe flange (Note "B")
5	704 164 R1	STUD, exhaust pipe flange (Note "B")
6		MANIFOLD, exhaust (Note "A")(for service order 1-3043 419 R91 - Exhaust Manifold Service Package)
6	3043 419 R91	PACKAGE, exhaust manifold service (Note "A") composed of: 1 Gasket 704 613 R1 2 Lockwasher 103 321 1 Manifold 3042 719 R11 2 Nut 20 229 D 1 Pipe 704 614 R21
6	3042 719 R11	MANIFOLD ASSEMBLY, exhaust (Includes STUDS, 704 164 R1)(Note "B")
7	704 165 R2	GASKET, exhaust manifold (2)
8	704 613 R1	GASKET, mounting adaptor
9	636 157 R1	ADAPTOR, spark arrester mounting
10	9 749 DA	BASE, spark arrester
11	353 265 R1	BODY, spark arrester
12	353 266 R1	TOP, spark arrester
13	636 156 R1 186 317 93 082 H	PLATE, exhaust pipe mounting 3/8"-NF x 5" hexagon BOLT (3) 3/8"-NF hex. NUT (3)
14	636 158 R1	PIPE, exhaust
15	636 155 R91	PARTS ACCESSORY, spark arrester



ENGINE

D I E S E L



REF. NO.	PART NUMBER	DESCRIPTION
EXHAUST AND MUFFLER (Underslung)		
1	704 613 R1	GASKET, exhaust pipe flange
2	636 183 R11	PIPE, exhaust upper
3	636 339 R1	CLAMP, exhaust pipe upper to lower
4	636 339 R1	CLAMP, exhaust pipe
5	636 330 R91	MUFFLER, exhaust
6	636 071 R1	BRACKET, tail pipe
7	636 070 R1	PIPE, exhaust tail
8	362 304 R1	CLAMP, tail pipe 3/8 x 1-3/8" hexagon BOLT 3/8" hex. NUT 3/8" lock WASHER

REF. NO.	PART NUMBER	DESCRIPTION
EXHAUST AND MUFFLER - Cont (Underslung)		
9	636 206 R11	SHIELD, muffler heat 3/4 x 1-1/2" hexagon BOLT 3/4" hex. NUT 3/4" lock WASHER
10	190 907 R1	"U" BOLT, exhaust pipe clamp 5/16"-NF hex. NUT (2) 5/16" lock WASHER (2)
11	636 329 R1	BRACKET, exhaust pipe 5/16 x 7/8" hexagon BOLT 5/16" lock WASHER
12	636 332 R1	PIPE, exhaust lower
13	190 907 R1	"U" BOLT, exhaust pipe upper to lower 5/16"-NF hex. NUT (2) 5/16" lock WASHER (2)
14	3042 719 R11	MANIFOLD, engine exhaust composed of: * 1 Manifold 2 Stud
	704 164 R1	
	704 165 R2	GASKET, engine manifold (2) (not illustrated)

* Not Serviced Separately

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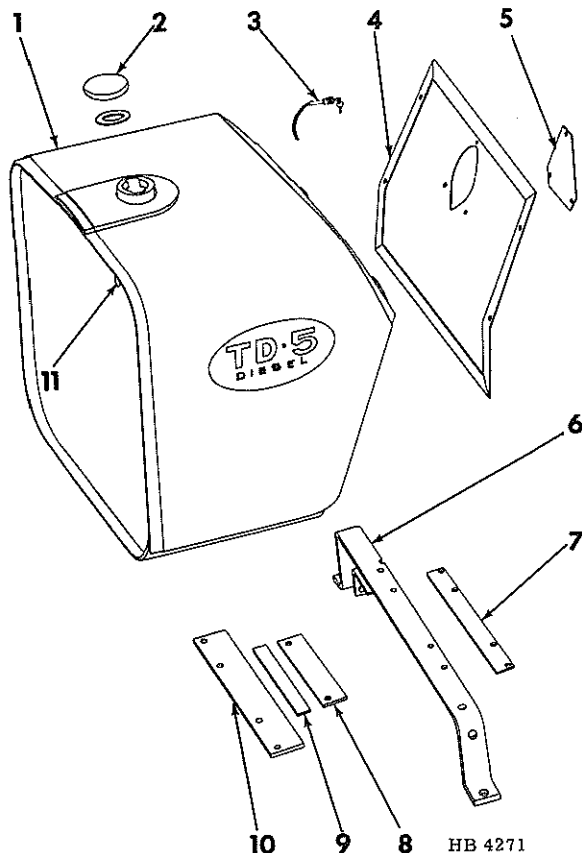


CRAWLER TRACTORS

FUEL SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
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FUEL TANK AND RELATED PARTS
(on tractors prior to serial No. 3673)

- | | | |
|---|----------------------------------|---|
| 1 | 635 343 R92 | TANK, fuel (Includes CAP, 126 368 R91) |
| 2 | 126 368 R91 | CAP, fuel tank |
| 3 | | SWITCH, key lock (for use on tractors with serial No. 3088 and up)
(Refer to "KEY LOCK SWITCH") |
| 4 | 636 142 R2
114 736
445 449 | PANEL, fuel tank scuttle
No. 14-10 x 5/8" slt-rd-hd. cad-pltd.
tapping SCREW (4)
No. 14-10 tapping screw spring
NUT (4) |
| 5 | 635 346 R1 | COVER, scuttle panel (for use on tractors up to serial No. 3087)
No. 10-24 x 1/2" slt-rd-hd. SCREW (3)
No. 10-24 hex. NUT (3)
No. 10 lock WASHER (3) |
| 6 | 635 348 R11 | SUPPORT, fuel tank rear
1/2 x 1-1/4" hexagon BOLT (2)
1/2" hex. NUT (2)
1/2" lock WASHER (2) |

REF. NO.	PART NUMBER	DESCRIPTION
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FUEL TANK AND RELATED PARTS - Cont
(on tractors prior to serial No. 3673)

- | | | |
|----|------------|--|
| 7 | 635 352 R1 | STRAP, rear support clamp
5/16 x 3/4" hexagon BOLT
5/16 x 1" hexagon BOLT
5/16" hex. NUT (2)
5/16" lock WASHER (2) |
| 8 | 635 351 R1 | STRAP, front support clamp
5/16 x 1-1/8" hexagon BOLT (2)
5/16" lock WASHER (2) |
| 9 | 635 353 R1 | PAD, fuel tank front clamp |
| 10 | 635 347 R1 | SUPPORT, fuel tank front
5/16 x 1-1/8" hexagon BOLT (2)
11/32 x 3/4 x 11 gauge WASHER (2)
5/16" lock WASHER (2) |
| 11 | 103 866 | PLUG, 1/4" sq-hd. fuel tank pipe
(Carburated Engine) |

* Not Serviced Separately

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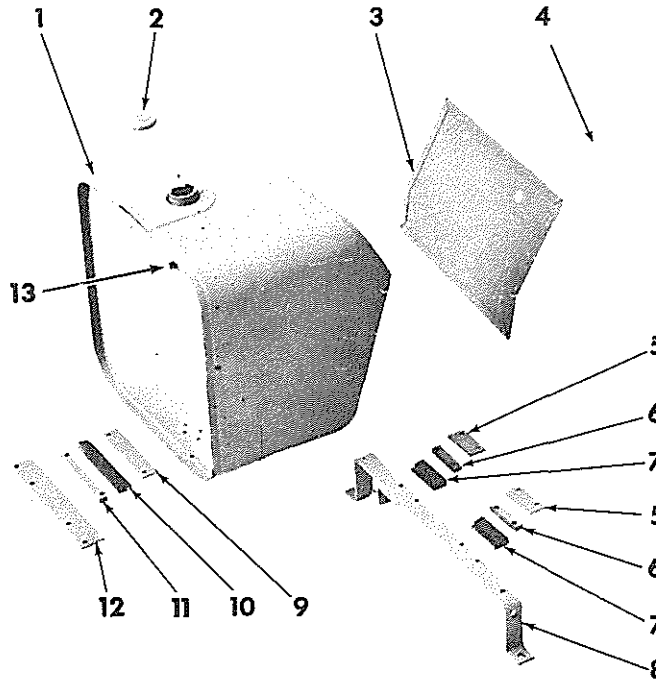
CRAWLER TRACTORS

FUEL SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
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FUEL TANK AND RELATED PARTS (On Tractors With Serial No. 3673 and up)



H 7041

1	635 343 R92	TANK, fuel (Includes CAP, 126 368 R91)
2	126 368 R91	CAP, fuel tank
3	636 142 R2 114 736 445 449	PANEL, fuel tank scuttle No. 14-10 x 5/8" slt-rd-hd. cad-pltd. tapping SCREW (4) No. 14-10 tapping screw spring NUT (4)
4		SWITCH, key lock (Refer to "KEY LOCK SWITCH")
5	636 814 R1	CLAMP, fuel tank rear (2) 5/16 x 1-1/8" hexagon BOLT 5/16 x 1-1/2" hexagon BOLT 5/16" hex. NUT (2) 5/16" lock WASHER (2)
6	636 816 R1	SPACER, fuel tank rear clamp (2)
7	636 812 R1	INSULATOR, fuel tank rear (2)
8	635 348 R21	SUPPORT, fuel tank rear 1/2 x 1-1/4" hexagon BOLT (2) 1/2" hex. NUT (2) 1/2" lock WASHER (2)
9	636 813 R1	CLAMP, fuel tank front 5/16 x 1-3/8" hexagon BOLT 5/16 x 5" hexagon BOLT 5/16" lock WASHER (2)
10	636 811 R1	INSULATOR, fuel tank front

REF. NO.	PART NUMBER	DESCRIPTION
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FUEL TANK AND RELATED PARTS - Cont (On Tractors With Serial No. 3673 and up)

11	636 815 R1	SPACER, fuel tank front clamp
12	635 347 R1	SUPPORT, fuel tank front 5/16 x 1" hexagon BOLT 5/16 x 1-3/8" hexagon BOLT 5/16 x 5" hexagon BOLT 5/16 x 5-1/4" hexagon BOLT 5/16" lock WASHER (4)
13	103 866	PLUG, 1/4" sq-hd. fuel tank pipe (Carburated Engine)

* Not Serviced Separately

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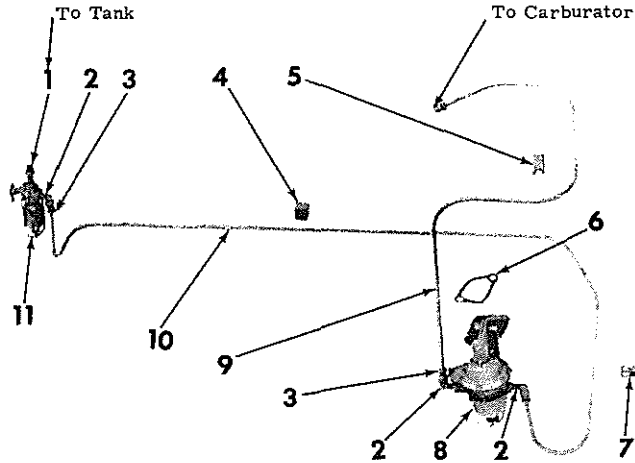
CRAWLER TRACTORS

FUEL SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
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FUEL LINES w/MECHANICAL FUEL PUMP (T-4, T-5 prior to serial No. 3129)

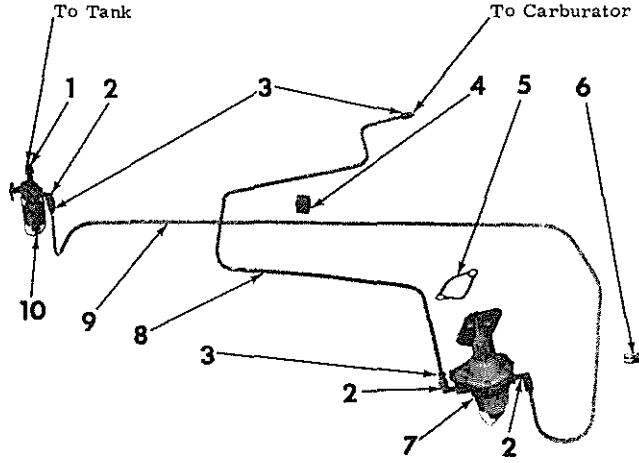


H-6751

1	119 930	BUSHING, 1/4 x 1/8" fuel tank reducer
2	24 847 H	ELBOW, 5/16" tube to 1/8" pipe brass fuel pump and sediment bowl (3)
3	29 899 D	NUT, 5/16" brass fuel line (4)
4	635 601 R1	CUSHION, fuel line rubber
5	635 678 R1	CLIP, fuel pump to carburetor fuel line 3/8 x 1/2" hexagon BOLT 3/8" lock WASHER
6	49 124 D	GASKET, mechanical fuel pump
7	140 568	CLIP, fuel tank to fuel pump fuel line
8		PUMP, mechanical fuel (Refer to "MECHANICAL FUEL PUMP") 5/16 x 1" hexagon BOLT (2) 5/16" lock WASHER (2)
9	306 185 R11	LINE, fuel pump to carburetor fuel (Includes NUTS, 29 899 D)
10	635 621 R11	LINE, fuel tank to fuel pump fuel (Includes NUTS, 29 899 D)
11		BOWL, fuel sediment (Refer to "FUEL SEDIMENT BOWL")

REF. NO.	PART NUMBER	DESCRIPTION
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FUEL LINES w/MECHANICAL FUEL PUMP (T-4 L. P., T-5 L. P., prior to serial No. 3129)



H-6750

1	119 930	BUSHING, 1/4 x 1/8" fuel tank reducer
2	24 847 H	ELBOW, 5/16" tube to 1/8" pipe brass fuel pump and sediment bowl (3)
3	29 899 D	NUT, 5/16" brass fuel line (4)
4	635 601 R1	CUSHION, fuel line rubber
5	49 124 D	GASKET, mechanical fuel pump
6	140 568	CLIP, fuel tank to fuel pump fuel line
7		PUMP, mechanical fuel (Refer to "MECHANICAL FUEL PUMP") 5/16 x 1" hexagon BOLT (2) 5/16" lock WASHER (2)
8	636 072 R11	LINE, fuel pump to carburetor fuel (Includes NUTS, 29 899 D)
9	635 621 R11	LINE, fuel tank to fuel pump fuel (Includes NUTS, 29 899 D)
10		BOWL, fuel sediment (Refer to "FUEL SEDIMENT BOWL")

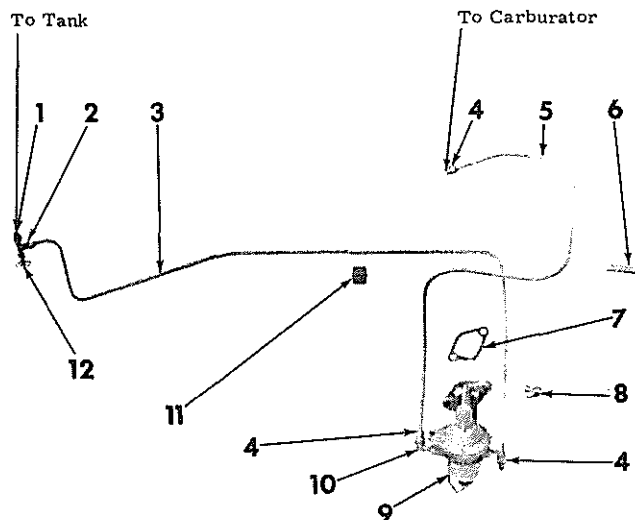


CRAWLER TRACTORS

FUEL SYSTEM



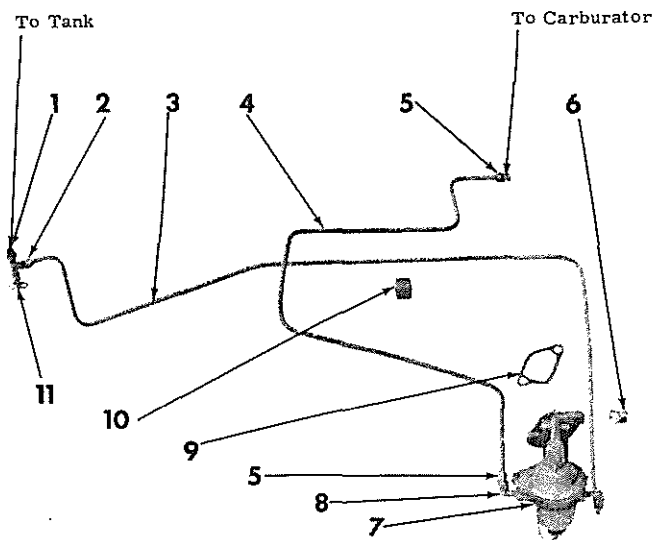
REF. NO.	PART NUMBER	DESCRIPTION
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FUEL LINES w/MECHANICAL PUMP
(T-4, T-5 from serial No. 3129 and up)

H-6758

1	119 930	BUSHING, 1/4 x 1/8" fuel tank reducer
2	114 630 114 631	NUT, 5/16" ball sleeve brass fuel line 5/16" ball brass fuel line SLEEVE
3	636 254 R11	LINE ASSEMBLY, fuel tank to fuel pump fuel composed of: * 1 Line 1 Nut 114 630 1 Nut 29 899 D 1 Sleeve 114 631
4	29 899 D	NUT, 5/16" brass fuel line (3)
5	306 185 R11	LINE, fuel pump to carburetor fuel (Includes NUTS, 29 899 D)
6	635 678 R1	CLIP, fuel pump to carburetor fuel line 3/8 x 1/2" hexagon BOLT 3/8" lock WASHER
7	49 124 D	GASKET, fuel pump
8	140 568	CLIP, fuel tank to fuel pump fuel line
9		PUMP, mechanical fuel (Refer to "MECHANICAL FUEL PUMP") 5/16 x 1" hexagon BOLT (2) 5/16" lock WASHER (2)
10	24 847 H	ELBOW, 5/16" tube to 1/8" pipe brass fuel pump (2)
11	635 601 R1	CUSHION, fuel line rubber
12	120 900	COCK, fuel tank shut-off

REF. NO.	PART NUMBER	DESCRIPTION
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FUEL LINES w/MECHANICAL PUMP
(T-4 L.P., T-5 L.P., from serial No. 3129 and up)

H-6757

1	119 930	BUSHING, 1/4 x 1/8" fuel tank reducer
2	114 630 114 631	NUT, 5/16" ball sleeve brass fuel line 5/16" ball brass fuel line SLEEVE
3	636 254 R11	LINE ASSEMBLY, fuel tank to fuel pump fuel composed of: * 1 Line 1 Nut 114 630 1 Nut 29 899 D 1 Sleeve 114 631
4	636 072 R11	LINE ASSEMBLY, fuel pump to carburetor fuel (Includes NUTS, 29 899 D)
5	29 899 D	NUT, 5/16" brass fuel line (3)
6	140 568	CLIP, fuel tank to fuel pump fuel line
7		PUMP, mechanical fuel (Refer to "MECHANICAL FUEL PUMP") 5/16 x 1" hexagon BOLT (2) 5/16" lock WASHER (2)
8	24 847 H	ELBOW, 5/16" tube to 1/8" pipe brass fuel pump (2)
9	49 124 D	GASKET, fuel pump
10	635 601 R1	CUSHION, fuel line rubber
11	120 900	COCK, fuel tank shut-off

* Not Serviced Separately

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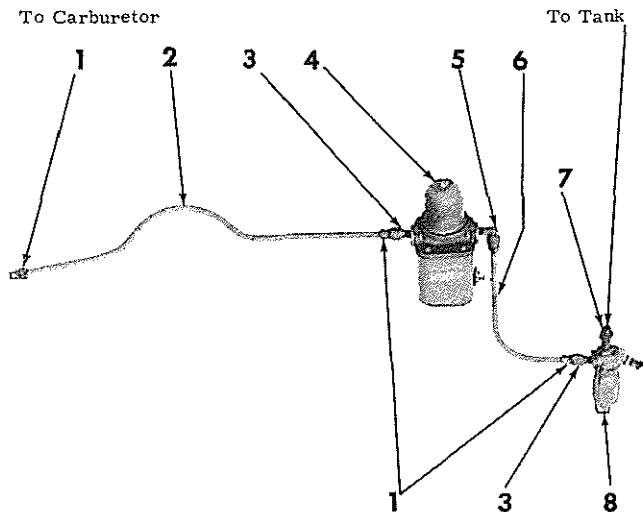
CRAWLER TRACTORS

FUEL SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
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FUEL LINES w/ELECTRIC FUEL PUMP
(T-4 & T-5 prior to serial No. 3129)
(T-4 L.P. & T-5 L.P. prior to serial No. #)

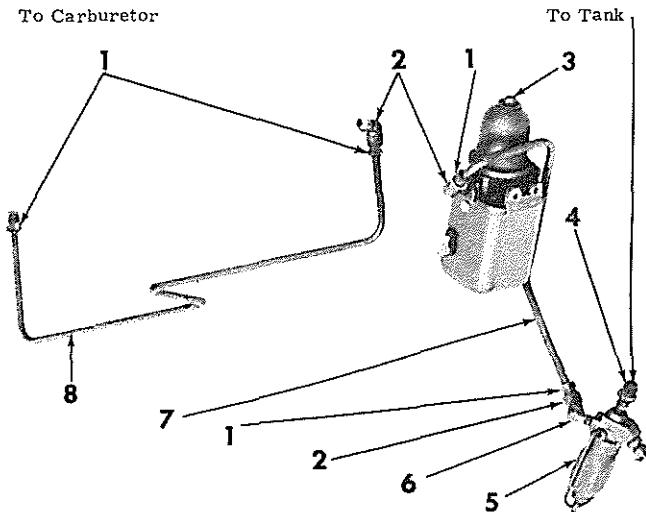


H 6749

1	29 899 D	NUT, 5/16" brass fuel line (4)
2	635 622 R11	LINE, electric fuel pump to carburetor (Includes NUTS, 29 899 D)
3	35 252 D	CONNECTOR, 5/16" tube to 1/8" brass male electric fuel pump and sediment bowl (2)
4		PUMP, electric fuel (Refer to "ELECTRIC FUEL PUMP") 1/4 x 1/2" hexagon BOLT (2) 1/4" lock WASHER (2)
5	24 847 H	ELBOW, 5/16" tube to 1/8" brass male electric fuel pump
6	635 623 R11	LINE, sediment bowl to electric pump (Includes NUTS, 29 899 D)
7	119 930	BUSHING, 1/4 x 1/8" sediment bowl reducer
8		BOWL, fuel tank sediment (Refer to "FUEL SEDIMENT BOWL")

REF. NO.	PART NUMBER	DESCRIPTION
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FUEL LINES w/ELECTRIC FUEL PUMP
(T-4 L.P. & T-5 L.P. from serial No. # and up)



H 6756

1	29 899 D	NUT, 5/16" brass fuel line (4)
2	24 847 H	ELBOW, 5/16" tube to 1/8" pipe brass male (3)
3		PUMP, electric fuel (Refer to "ELECTRIC FUEL PUMP") 1/4 x 1/2" hexagon BOLT (2) 1/4" lock WASHER (2)
4	119 930	BUSHING, 1/4 x 1/8" fuel tank reducer
5		BOWL, fuel tank sediment (Refer to "FUEL SEDIMENT BOWL")
6	120 401	ELBOW, 1/8"-90° sediment bowl
7	636 563 R11	LINE, fuel tank to electric pump (Includes NUTS, 29 899 D)
8	636 553 R11	LINE, electric fuel pump to carburetor (Includes NUTS, 29 899 D)



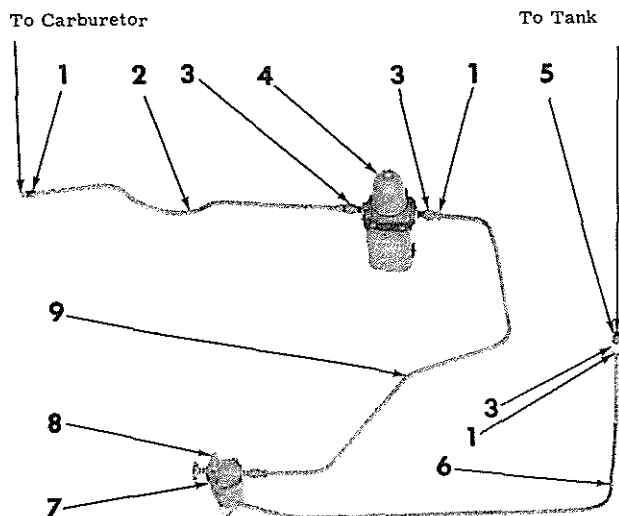
CRAWLER TRACTORS

FUEL SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
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FUEL LINES w/ELECTRIC FUEL PUMP
(T-4 & T-5 from serial No. 3129 to serial No. #)

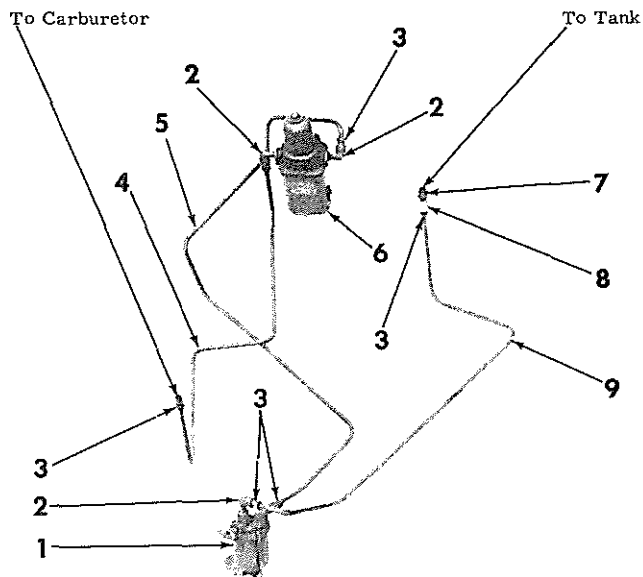


H 6755

1	29 899 D	NUT, 5/16" brass fuel line (6)
2	635 622 R11	LINE, electric fuel pump to carburetor (Includes NUTS, 29 899 D)
3	35 252 D	CONNECTOR, 5/16" tube to 1/8" brass male electric fuel pump and sediment bowl (4)
4		PUMP, electric fuel (Refer to "ELECTRIC FUEL PUMP") 1/4 x 1/2" hexagon BOLT (2) 1/4" lock WASHER (2)
5	119 930	BUSHING, 1/4 x 1/8" fuel tank reducer
6	636 212 R11	LINE, fuel tank to sediment bowl (Includes NUTS, 29 899 D)
7		BOWL, fuel sediment (Refer to "FUEL SEDIMENT BOWL")
8	24 847 H	ELBOW, 5/16" tube to 1/8" pipe brass male sediment bowl
9	636 255 R11	LINE, sediment bowl to electric pump (Includes NUTS, 29 899 D)

REF. NO.	PART NUMBER	DESCRIPTION
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FUEL LINES w/ELECTRIC FUEL PUMP
(T-4 & T-5 from serial No. # and up)



H 6749

1		BOWL, fuel sediment (Refer to "FUEL SEDIMENT BOWL")
2	24 847 H	ELBOW, 5/16" tube to 1/8" pipe brass male sediment bowl (3)
3	29 899 D	NUT, 5/16" brass fuel line (6)
4	636 553 R11	LINE, electric fuel pump to carburetor (Includes NUTS, 29 899 D)
5	636 554 R11	LINE, sediment bowl to electric pump (Includes NUTS, 29 899 D)
6		PUMP, electric fuel (Refer to "ELECTRIC FUEL PUMP") 1/4 x 1/2" hexagon BOLT (2) 1/4" lock WASHER (2)
7	119 930	BUSHING, 1/4 x 1/8" fuel tank reducer
8	35 252 D	CONNECTOR, 5/16" tube to 1/8" pipe brass male sediment bowl (2)
9	636 212 R11	LINE, fuel tank to sediment bowl (Includes NUTS, 29 899 D)

* Not Serviced Separately
Information Not Available

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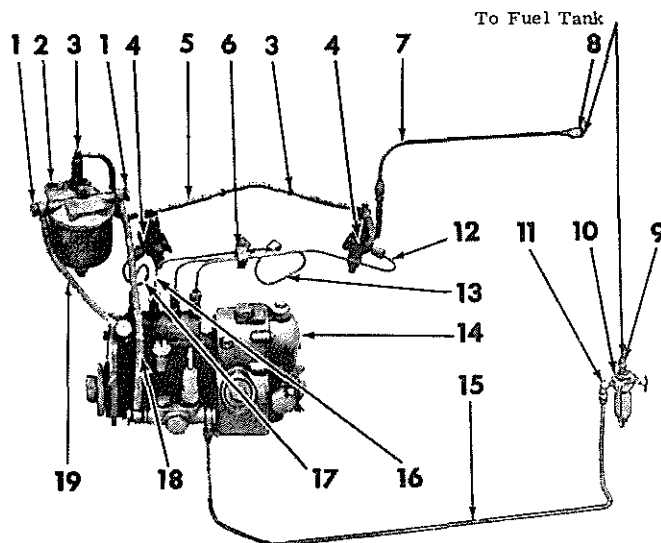
CRAWLER TRACTORS

FUEL SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
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FUEL LINES w/MECHANICAL INJECTION PUMP



H 6953

1	708 293 R1 704 643 R1	BOLT, filter connection banjo (2) Connection bolt WASHER (2)
2		FILTER, fuel (Refer to "FUEL FILTER") 1/2 x 1-1/8" hexagon BOLT (2) 1/2" hex. NUT (2) 1/2" lock WASHER (2)
3	703 520 R1 705 942 R1 703 519 R1 705 424 R1	BOLT, relief valve banjo (5) Relief valve ADAPTOR (5) Relief valve banjo WASHER (5) Relief valve adaptor WASHER (5)
4	706 077 R1	NOZZLE, holder and injection (4)(Refer to "FUEL INJECTION NOZZLE") Nozzle stud WASHER 3/8"-NF hex. NUT (8)
5	705 430 R91	PIPE, filter to injectors to fuel tank spill (optional to use 751 773 R91 - Pipe)
5	751 773 R91	PIPE, filter to injectors to fuel tank spill (optional to use 705 430 R91 - Pipe)
6	705 608 R1 705 609 R1 705 610 R1	CLIP, injection pipes Pipe clip inner PACKING Pipe clip outer PACKING
7	704 698 R92	LINE, fuel return
8	9409 910	CONNECTOR, fuel tank fuel return
9	119 930	BUSHING, 1/4 x 1/8" fuel sediment bowl
10		BOWL, fuel tank sediment (Refer to "FUEL SEDIMENT BOWL")
11	9402 863	ELBOW, 90° cad-pltd. sediment bowl

REF. NO.	PART NUMBER	DESCRIPTION
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FUEL LINES w/MECHANICAL INJECTION PUMP - Cont

12	705 435 R1	PIPE, No. 4 cylinder fuel injection
13	705 434 R1	PIPE, No. 3 cylinder fuel injection
14		PUMP, fuel injection (Refer to "MECHANICAL INJECTION PUMP") 3/8 x 5/8" hexagon BOLT (3) 3/8 x 1-1/2" hexagon BOLT 3/8 x 1-3/4" hexagon BOLT 3/8" lock WASHER (2)
15	635 569 R11	LINE, fuel tank to injection pump
16	705 433 R1	PIPE, No. 2 cylinder fuel injection
17	708 158 R91	PIPE, No. 1 cylinder fuel injection
18	705 600 R91	PIPE, injection pump to fuel filter
19	705 599 R91	PIPE, filter to injection pump



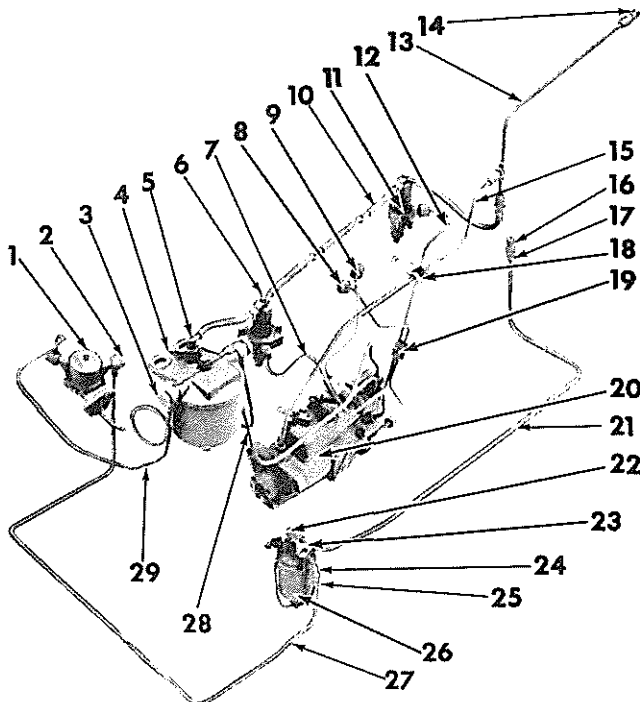
CRAWLER TRACTORS

FUEL SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
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FUEL LINES w/DPA INJECTION PUMP
(on tractors up to serial No. #)



H 6951-A

1		PUMP, fuel feed (Refer to "FUEL FEED PUMP") 5/16 x 3/4" socket-hd. BOLT (2)
2	708 296 R1 708 297 R1	BOLT, feed pump banjo (2) Pump banjo bolt WASHER (2)
3	708 293 R1 704 643 R1	BOLT, fuel filter banjo (2) Filter banjo bolt WASHER (4)
4		FILTER, fuel (Refer to "FUEL FILTER") 1/2 x 1-1/8" hexagon BOLT (2) 1/2" hex. NUT (2) 1/2" lock WASHER (2)
5	3040 973 R1 703 519 R1	STUD, fuel filter orifice vent Orifice vent stud WASHER (2)
6	706 289 R1 703 519 R1	BOLT, spill line banjo (4) Spill banjo bolt WASHER (8)
7	708 307 R21	PIPE, No. 1 cylinder fuel injection
8	708 308 R21	PIPE, No. 2 cylinder fuel injection
9	708 309 R21	PIPE, No. 3 cylinder fuel injection

REF. NO.	PART NUMBER	DESCRIPTION
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FUEL LINES w/DPA INJECTION PUMP - Cont
(on tractors up to serial No. #)

10	705 430 R91	PIPE, filter to injectors to fuel spill return line (optional to use 751 773 R91 - Pipe)
10	751 773 R91	PIPE, filter to injectors to fuel spill return line (optional to use 705 430 R91 - Pipe)
11		NOZZLE, holder and injection (4)(Refer to "FUEL INJECTION NOZZLE") 706 077 R1 Nozzle stud WASHER (8) 3/8"-NF hex. NUT (8)
12	708 310 R21	PIPE, No. 4 cylinder fuel injection
13	636 138 R91	LINE, fuel spill return
14	40 755 D	CONNECTOR, 5/16" tube to 1/4" pipe fuel tank
15	708 993 R91	PIPE, injection pump to fuel return
16	119 930	BUSHING, 1/4 x 1/8" fuel tank reducer
17	29 899 D	NUT, 5/16" brass fuel line (2)
18	708 115 R1	CLIP, fuel pipe
19	841 432 R1 841 433 R1 100 780 703 700 R1	CLIP, injection pump (4) Injection pipe PAD (2) No. 12 x 7/8" mach. SCREW (2) No. 12 self-locking NUT (2)
20		PUMP, DPA fuel injection (Refer to "DPA INJECTION PUMP AND RELATED PARTS") 11/32 x 11/16 x 16 gauge WASHER (3) 5/16" hex. NUT (3)
21	636 212 R11	LINE, fuel tank to sediment bowl (Includes NUTS, 29 899 D)
22	24 847 H	ELBOW, 5/16" tube to 1/8" pipe brass sediment bowl
23	3043 249 R1	CLIP, fuel pipe
24	30 402 D	ELBOW, 1/4" tube to 1/8" pipe brass sediment bowl
25	29 898 D	NUT, 1/4" brass fuel line
26		BOWL, fuel sediment (Refer to "FUEL SEDIMENT BOWL")
27	636 215 R91	LINE, sediment bowl to fuel feed pump (Includes NUT, 29 898 D)
28	708 992 R91	PIPE, fuel filter to injection pump
29	708 991 R91	PIPE, fuel filter to fuel feed pump

* Not Serviced Separately
Information Not Available

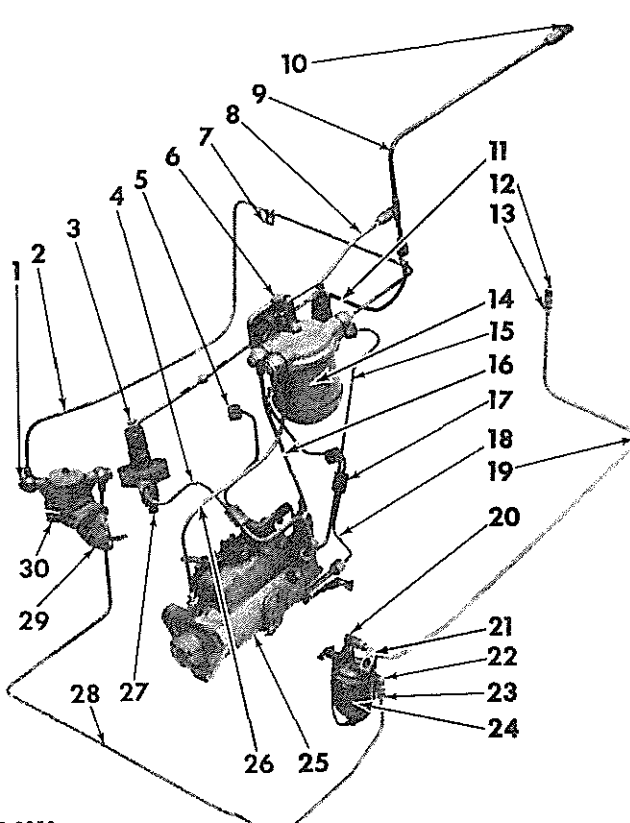
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CRAWLER TRACTORS

FUEL SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
FUEL LINES w/DPA INJECTION PUMP (on tractors from serial No. # and up)		
		
1	708 296 R1 708 297 R1	BOLT, feed pump and fuel filter banjo (5) Banjo bolt WASHER (10)
2	3043 649 R91	PIPE, feed pump to filter fuel
3	3043 647 R91 701 735 R1	SCREW, connection (4) Connection screw WASHER (4)
4	708 307 R21	PIPE, No. 1 cylinder fuel injection fuel
5	708 308 R21	PIPE, No. 2 cylinder fuel injection fuel
6	3043 646 R91 3049 111 R1	VALVE, filter ball check Ball check valve WASHER
7	3043 655 R1	CLIP, fuel pipe 1/4 x 5/8" hexagon BOLT 1/4" lock WASHER
8	3043 652 R91	PIPE, filter air bleed to return pipe fuel
9	636 138 R91	LINE, fuel return
10	9409 910	CONNECTOR, 5/16" tube to 1/4" pipe cad- pltd. fuel return line fuel tank
11	3043 653 R91	PIPE, injectors to return line

REF. NO.	PART NUMBER	DESCRIPTION
FUEL LINES w/DPA INJECTION PUMP - Cont (on tractors from serial No. # and up)		
12	40 755 D	CONNECTOR, 5/16" tube to 1/4" pipe brass fuel tank
13	29 899 D	NUT, 5/16" brass fuel line (2)
14		FILTER, fuel (refer to "FUEL FILTER") 3/8 x 1" hexagon BOLT (2) 3/8" lock WASHER (2)
15	708 310 R21	PIPE, No. 4 cylinder fuel injection fuel
16	3043 650 R91	PIPE, filter to injection pump fuel
17	841 432 R1 841 433 R1 100 780 703 700 R1	CLIP, injection pipe (4) Injection pipe clip PAD (2) No. 12 x 7/8" mach. SCREW (2) No. 12 "P" type lock NUT (2)
18	708 309 R21	PIPE, No. 3 cylinder fuel injection fuel
19	636 212 R11	LINE, fuel tank to sediment bowl fuel (Includes NUTS, 29 899 D)
20	24 847 H	ELBOW, 5/16" tube to 1/8" pipe brass sediment bowl
21	102 077 R1	CLIP, fuel line (2)
22	30 402 D	ELBOW, 1/4" tube to 1/8" pipe brass sediment bowl
23	29 898 D	NUT, 1/4" brass fuel line
24		BOWL, fuel sediment (Refer to "FUEL SEDIMENT BOWL")
25		PUMP, fuel injection (refer to "DPA INJECTION PUMP") 11/32 x 11/16 x 16 gauge WASHER (3) 5/16" hex. NUT (3)
26	3043 651 R91	PIPE, injection pump to filter excess
27		NOZZLE, holder and injection (4) (Refer to "INJECTION NOZZLE") 706 077 R1 Nozzle stud WASHER (8) 3/8" - NF hex. NUT (8)
28	636 215 R91	LINE, fuel sediment bowl to lift pump fuel (Includes NUT, 29 899 D)
29	3043 370 R1	GASKET, fuel feed pump
30		PUMP, fuel feed (Refer to "FUEL FEED PUMP") 5/16 x 3/4" socket-hd. BOLT (2)

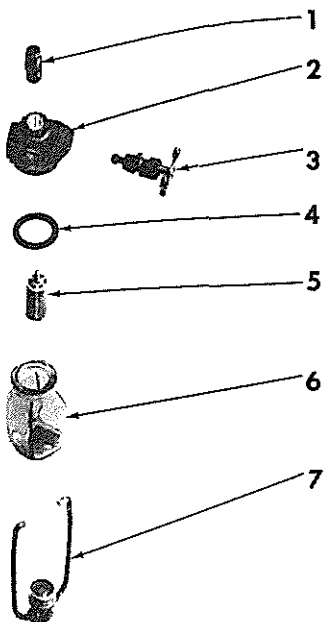


CRAWLER TRACTORS

FUEL SYSTEM



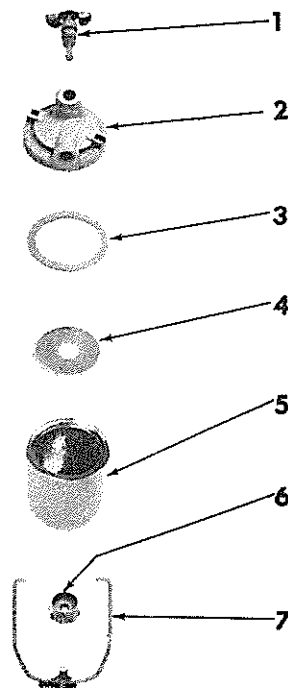
REF. NO.	PART NUMBER	DESCRIPTION
FUEL SEDIMENT BOWL		
(For Use On T-4, T-5, T-4 L. P. & T-5 L. P. Tractors Equipped With Mechanical Fuel Pump Prior to Serial No. 3129)		
(For Use On T-4, T-5 Equipped With Electric Fuel Pump Prior to 3129)		
(For Use On T-4 L. P., T-5 L. P. Equipped With Electric Fuel Pump)		
(For Use On TD-5 Tractor with Mechanical Injection Pump only)		



H 4336

	635 568 R91	BOWL ASSEMBLY, sediment (composed of all parts listed below)
1	131 507 H	1/8" inlet pipe NIPPLE
2		HEAD, sediment bowl (*)
3	635 800 R91	VALVE, fuel shut-off
4	107 865 R1	GASKET, sediment bowl
5	635 801 R91	ELEMENT, sediment bowl
6	82 546 R1	BOWL, sediment
7	82 455 R91	BAIL, sediment bowl

REF. NO.	PART NUMBER	DESCRIPTION
FUEL SEDIMENT BOWL		
(For Use On T-4, T-5 Tractors When Equipped With Electric Fuel Pump With Serial No. 3129 and up)		
(For Use On TD-5 & TD-5 L. P. Tractors with D. P. A. Injection Pump)		



H 5742

	636 211 R91	BOWL ASSEMBLY, fuel sediment (composed of all parts listed below)
1	50 062 D	STEM, fuel shut-off
2		BODY, sediment bowl (*)
3	355 888 R2	GASKET, fuel bowl
4	13 194 D	SCREEN, fuel
5	51 344 VA	BOWL, fuel sediment
6	50 061 D	NUT and CUP, fuel bowl
7	17 564 D	BAIL, sediment bowl



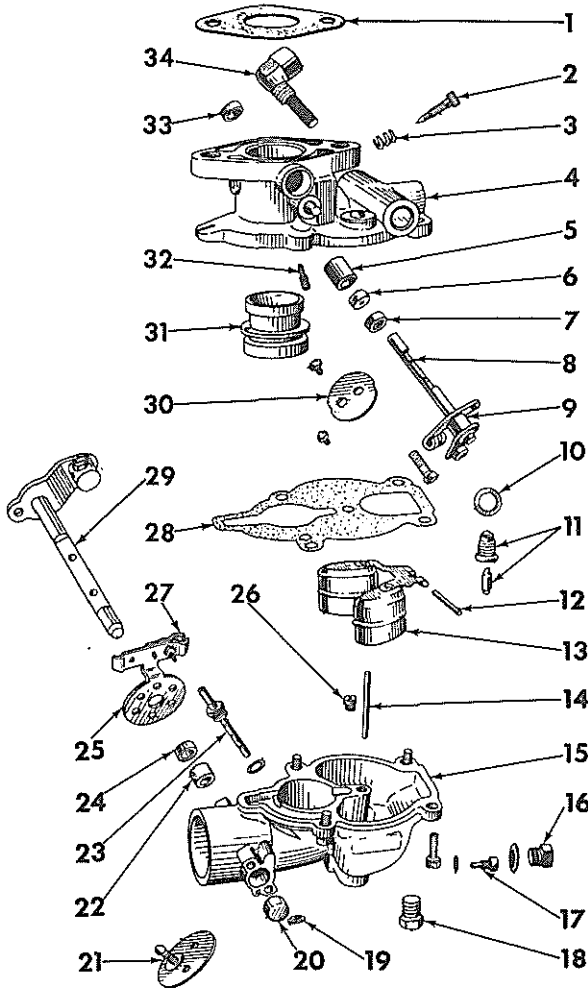
CRAWLER TRACTORS

FUEL SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
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CARBURETOR (Zenith Model)



A 49497 A

374 203 R92	CARBURETOR, (for use on C-135 Carbureted Engine)(does not include reference No. 1 or high altitude main jet)
50 705 D	Carburetor manifold STUD (2) 5/16"-NF hex. NUT (2) 5/16" lock WASHER (2)
374 204 R92	CARBURETOR, (for use on C-123 Carbureted Engine)(does not include reference No. 1 or high altitude main jet)
50 705 D	Carburetor manifold STUD (2) 5/16"-NF hex. NUT (2) 5/16" lock WASHER (2)

REF. NO.	PART NUMBER	DESCRIPTION
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CARBURETOR (Zenith Model) - Cont

1	24 520 D	GASKET, carburetor
2	13 873 D	VALVE, idle adjusting needle
3	12 472 D	SPRING, idle adjusting needle valve
4	368 348 R92	BODY ASSEMBLY, throttle (for use on C-123 Carbureted Engine) composed of:- * 1 Body 2 Bushing 368 360 R1 1 Plate 357 144 R1 1 Plug 53 797 D 1 Retainer 376 139 R1 2 Screw Assembly 357 155 R91 1 Seal 368 358 R2 1 Shaft Assembly 62 170 DA 1 Washer 54 062 D
4	369 878 R92	BODY ASSEMBLY, throttle (for use on C-135 Carbureted Engine) composed of:- * 1 Body 2 Bushing 368 360 R1 1 Plate 357 144 R1 1 Plug 53 797 D 1 Retainer 376 139 R1 2 Screw Assembly 357 155 R91 1 Seal 368 358 R2 1 Shaft Assembly 62 170 DA
5	368 360 R1	BUSHING, throttle shaft (2)
6	368 358 R2	SEAL, throttle shaft
7	376 139 R1	RETAINER, throttle shaft seal
8	62 170 DA 135 645 H 12 455 D	SHAFT ASSEMBLY, lever throttle (Includes PIN, 135 645 H and SCREW, 12 455 D) Throttle lever taper PIN Throttle lever stop SCREW
9	54 062 D	WASHER, throttle lever spacer (for use on C-123 Carbureted Engine only)
10	53 792 D	WASHER, fuel valve seat
11	274 888 R1	VALVE and SEAT, fuel
12	35 514 D	AXLE, float
13	53 783 D	FLOAT, carburetor
14	368 361 R1	TUBE, idler filler (for use on C-123 Carbureted Engine only)
14	369 880 R1	TUBE, idler filler (for use on C-135 Carbureted Engine only)

* Not Serviced Separately

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CRAWLER TRACTORS

FUEL SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
CARBURETOR (Zenith Model) - Cont		
15	368 349 R91	BOWL ASSEMBLY, fuel (for use on C-123 Carbureted Engine only) composed of:- * 1 Bowl 1 Filter 274 897 R1 1 Plug 53 797 D 1 Retainer 42 191 D 1 Tube 368 361 R1 1 Washer 21 210 D 357 154 R91 Bowl to body SCREW ASSEMBLY (4)
15	369 879 R91	BOWL ASSEMBLY, fuel (for use on C-135 Carbureted Engine only) composed of:- * 1 Bowl 1 Filter 274 897 R1 1 Plug 53 797 D 1 Retainer 42 191 D 1 Tube 369 880 R1 1 Washer 21 210 D 357 154 R91 Bowl to body SCREW ASSEMBLY (4)
16	31 860 D 12 433 D	PLUG, lower (main to jet passage) Main passage fibre WASHER
17	93 328 H	JET, main (for use with engines NOT equipped with High Altitude Pistons)(for use on C-123 Carbureted Engines only)
17	20 628 D	JET, main (for use with engines NOT equipped with High Altitude Pistons)(for use on C-135 Carbureted Engines only)
17	53 786 D 12 435 D	JET, main (for use with engines equipped with High Altitude Pistons) Main jet WASHER
18	54 063 D	PLUG, fuel bowl drain
19	274 897 R1	FILTER, drip plug
20	53 797 D	PLUG, choke shaft hole
21	368 355 R91 19 806 R91	SHUTTER, air Choke shutter SCREW (2)
22	21 210 D	WASHER, choke shaft packing
23	368 354 R91 22 846 D	JET, main discharge Main discharge jet WASHER
24	42 191 D	RETAINER, choke shaft packing
25	369 885 R91	BRACKET, air shutter (Includes CLAMP, 369 886 R1 - NUT, 19 404 R1 and SCREW, 19 403 R1) No. 8 x 5/16" slt-fil-hd. SCREW (2)
26	55 536 D	JET, well vent (for use on C-123 Carbureted Engine only)
26	97 465 H	JET, well vent (for use on C-135 Carbureted Engine only)

REF. NO.	PART NUMBER	DESCRIPTION
CARBURETOR (Zenith Model) - Cont		
27	369 886 R1	CLAMP, air shutter bracket No. 8 x 1/2" slt-hex-hd. cad-pltd. SCREW No. 8 cad-pltd. square NUT
28	368 362 R1	GASKET, bowl to body
29	369 884 R91	LEVER and SHAFT, air shutter No. 8 x 3/8" slt-hex-hd. cad-pltd. SCREW
30	357 144 R1 19 806 R91	PLATE, throttle valve Valve plate SCREW (2)
31	368 351 R1	VENTURI (for use on C-123 Carbureted Engines only)
31	369 881 R1	VENTURI (for use on C-135 Carbureted Engines only)
32	352 604 R1	JET, idling
33	53 797 D	PLUG, throttle shaft hole
34	53 796 D	ELBOW, fuel screen
	368 357 R91	PACKAGE, gasket kit (not illustrated) composed of:- 1 Gasket 368 362 R1 1 Washer 12 433 D 1 Washer 12 435 D 1 Washer 22 846 D 1 Washer 53 792 D

* Not Serviced Separately

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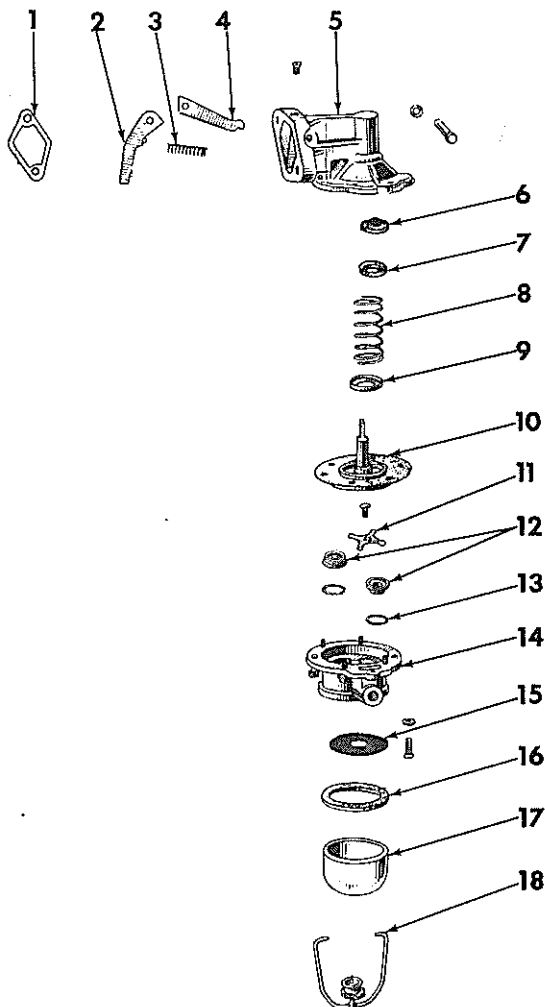
CRAWLER TRACTORS

FUEL SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
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MECHANICAL FUEL PUMP (Carburated Engine)



57 324 DX PUMP, w/GASKET 49 124 D, fuel (A. C. Spark Plug Co. #590657)(composed of all parts listed below the attaching hardware)
5/16 x 1" hexagon BOLT (2)
5/16" lock WASHER (2)

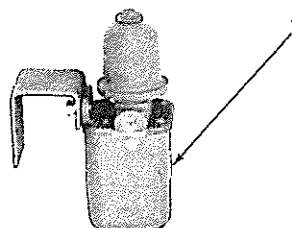
1	49 124 D	GASKET, fuel pump
2	59 993 D 133 624 36 350 D 36 351 D	ARM, rocker Rocker arm stop SCREW Rocker arm PIN Rocker arm pin WASHER
3	59 081 DA	SPRING, rocker arm
4	59 082 DA	LINK, rocker arm

REF. NO.	PART NUMBER	DESCRIPTION
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MECHANICAL FUEL PUMP (Carburated Engine) - Cont

5	304 139 R91	BODY, w/oil seal, 304 141 R1
6	304 141 R1	OIL SEAL, body
7	304 140 R1	RETAINER, oil seal
8	304 156 R1	SPRING, diaphragm
9	59 086 DA	RETAINER, diaphragm spring
10	304 138 R91	DIAPHRAGM, fuel pump
11	59 996 D 132 900	PLATE, valve Valve plate SCREW
12	59 084 D	VALVE and CAGE, intake and outlet
13	59 995 D	GASKET, valve and cage
14	59 091 D 130 894 H 122 158	COVER, fuel pump No. 10-NF x 5/8" fil.-hd. SCREW (7) No. 10 lock WASHER (7)
15	59 090 D	SCREW, fuel pump
16	59 089 D	GASKET, fuel bowl
17	98 376 R91	BOWL, fuel pump (Includes BOWL, 59 088 D and GASKET, 59 089 D)
18	98 375 R91	BAIL and SEAL, fuel bowl

ELECTRIC FUEL PUMP



H 6729

1	89 577 H	PUMP, electric fuel (does not include pump attaching hardware)(component parts of this assembly to be serviced by the WALBRO CORPORATION, ELECTRIC AUTO PULSE DIVISION, CASS CITY, Michigan, U. S. A. or MONAHAN SUPPLIES CORPORATION, 191 Queen Street East, Toronto 2, Ontario, Canada) 1/4 x 1/2" hexagon BOLT (2) 1/4" lock WASHER (2)
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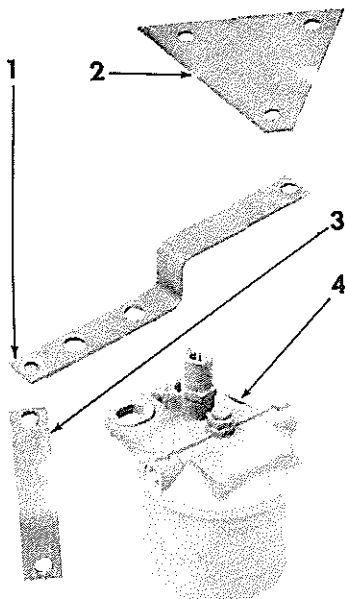
CRAWLER TRACTORS

FUEL SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
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FUEL FILTER MOUNTING PARTS (On Tractors Prior To Serial No. #)

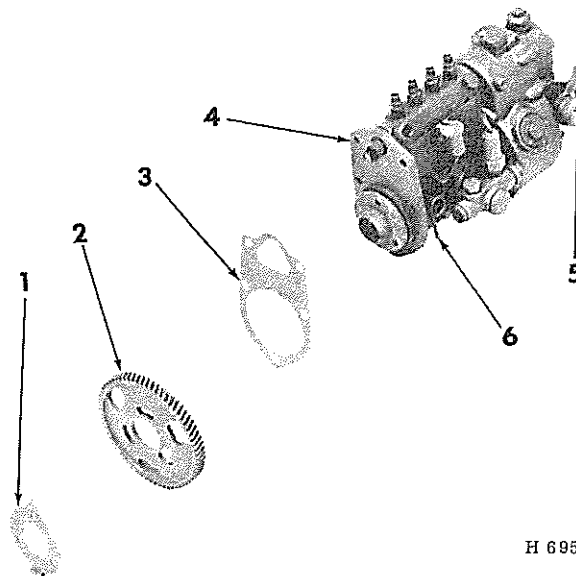


H 6956

- | | | |
|---|------------|---|
| 1 | 635 355 R1 | BRACKET, fuel filter
3/8 x 3/4" hexagon BOLT
3/8" hex. NUT
3/8" lock WASHER |
| 2 | 635 354 R1 | SUPPORT, fuel filter bracket
3/8 x 3/4" hexagon BOLT
3/8" hex. NUT
3/8" lock WASHER |
| 3 | 635 618 R1 | BRACE, filter bracket
5/16 x 3/4" hexagon BOLT
5/16" hex. NUT
5/16" lock WASHER |
| 4 | | FILTER, fuel (Refer to "FUEL FILTER")
1/2 x 1-1/8" hexagon BOLT (2)
1/2" hex. NUT (2)
1/2" lock WASHER (2) |

REF. NO.	PART NUMBER	DESCRIPTION
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MECHANICAL INJECTION PUMP (On Tractors Prior To Serial No. #)



H 6955

- | | | |
|---|--------------|--|
| 1 | 46 584 D | INDICATOR, injection pump timing
3/8-NF x 7/8" hex-hd. SCREW (3)
3/8" external tooth lock WASHER (3) |
| 2 | 705 419 R1 | GEAR, injection pump
3/8-NF x 7/8" hex-hd. SCREW (3)
3/8" external-tooth lock WASHER (3) |
| 3 | 46 583 DA | GASKET, injection pump |
| 4 | 635 979 R91 | PUMP, fuel injection (reNEWed exchange program)
3/8 x 5/8" hexagon BOLT (3)
3/8 x 1-1/2" hexagon BOLT
3/8 x 1-3/4" hexagon BOLT
3/8" lock WASHER (2) |
| 4 | 3040 321 R91 | PUMP, fuel injection (new)
3/8 x 5/8" hexagon BOLT (3)
3/8 x 1-1/2" hexagon BOLT
3/8 x 1-3/4" hexagon BOLT
3/8" lock WASHER (2) |
| 5 | 707 321 R91 | SEAL, governor |
| 6 | 703 517 R11 | PIG TAIL, injection pump |



CRAWLER TRACTORS

FUEL SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
D. P. A. INJECTION PUMP AND RELATED PARTS		
1	3041 317 R92	PUMP, D. P. A. fuel injection (new) (composed of all parts listed below, excluding the pump attaching hardware and unless otherwise noted) 11/32 x 11/16 x 16 gauge WASHER (3) 5/16" hex. NUT (3)
1	636 222 R91	PUMP, D. P. A. fuel injection (reNEWed) (composed of all parts listed below, excluding the pump attaching hardware and unless otherwise noted) 11/32 x 11/16 x 16 gauge WASHER (3) 5/16" hex. NUT (3)
2	3043 107 R1 3043 093 R1	CONNECTION, drain pipe Drain connection WASHER
3	3043 103 R1 705 380 R1 3043 105 R1 3043 096 R1	LEVER, fuel shut-off Shut-off shakeproof WASHER Shut-off shaft WASHER Shut-off shaft NUT
4	3043 097 R1 3043 096 R1 3043 095 R1	SCREW, throttle control adjusting (2) Adjusting screw locking NUT (2) Sleeve ADAPTOR
5	3043 104 R1 705 380 R1 3043 105 R1 3043 096 R1	ARM, throttle control Throttle shakeproof WASHER Throttle shaft WASHER Throttle shaft NUT
6	3043 083 R1	CONNECTION, pipe inlet
7	3043 085 R1	WASHER, fuel connection inlet
8	3043 084 R1	FILTER, fuel inlet
9	3043 098 R1	SLEEVE, screw locking
10	3043 091 R1	BANJO, short screwed

REF. NO.	PART NUMBER	DESCRIPTION
D. P. A. INJECTION PUMP AND RELATED PARTS - Cont		
11	3043 082 R1	SCREW, end plate (4)
12	3043 092 R1	BANJO, long screwed (2)
13	3043 094 R1	CONNECTION, radial
14	3043 086 R1 3043 087 R1	BLADE, transfer pump Transfer pump SEAL
15	3043 090 R1 3043 093 R1	STUD, fuel connection (4) Connection stud WASHER (8)
16	3043 108 R1 3043 112 R1 3043 089 R1	SCREW, vent Vented head SCREW Head screw WASHER
17	3043 109 R1 3043 111 R1 705 380 R1 707 321 R91	PLATE, pump cover Cover plate SCREW (2) Plate shakeproof WASHER (2) Pump governor SEAL
18	3043 110 R1	GASKET, cover plate
19	3043 108 R1 3043 113 R1 3043 100 R1	SCREW, vent Vent body SCREW Vent body screw WASHER
20	3043 101 R1 3043 102 R1	NUT, cover stud (2) Cover stud WASHER (2)
21	708 290 R11	GEAR, injection pump (Includes PIN, 708 290 R1)(not part of pump) 5/16-NF x 3/4" hexagon BOLT (3) 5/16" external-tooth lock WASHER (3)
22	708 289 R1	GASKET, injection pump (not included as part of pump)
23	708 291 R1	PIN, pump gear dowel

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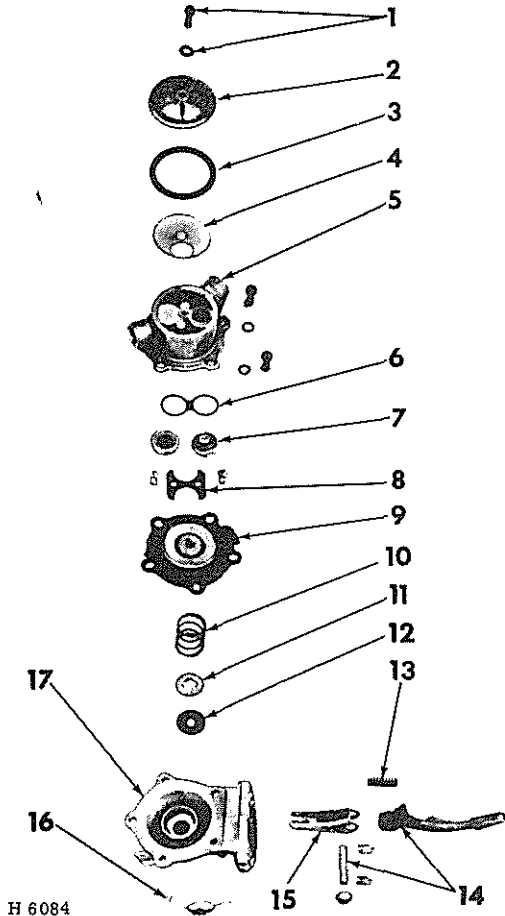
CRAWLER TRACTORS

FUEL SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
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FUEL FEED PUMP (For Use On Engines With Serial No. BD-144/1951 C And Up)



	708 294 R91	PUMP, fuel feed (Composed of all parts listed below the attaching hardware) 5/16 x 3/4" soc-hd. SCREW (2)
1	702 953 R1 3044 518 R1	SCREW, filter cover Cover screw GASKET
2	3044 512 R1	COVER, pump filter
3	3044 511 R1	GASKET, filter cover end
4	3044 513 R1	SCREEN, pump filter
5	3044 514 R1 132 117 702 964 R1	COVER, feed pump No. 10-NF x 1/2" slt-fil-hd SCREW (5) Screw spring WASHER (5)
6	702 958 R1	GASKET, valve
7	702 959 R91	VALVE, feed pump (2)
8	702 960 R1 702 961 R1	RETAINER, pump valve Valve retainer SCREW (2)

REF. NO.	PART NUMBER	DESCRIPTION
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FUEL FEED PUMP - Cont (For Use on Engines With Serial No. BD-144/1951 C And Up)

9	708 953 R1	DIAPHRAGM, pump
10	708 954 R1	SPRING, diaphragm
11	708 958 R1	WASHER, oil seal
12	708 959 R1	WASHER, pump seal
13	708 956 R1	SPRING, rocker arm
14	3044 517 R1 3044 515 R1 3044 516 R1 708 957 R1	ARM, rocker Rocker arm PIN Rocker arm pin RETAINER (2) Rocker arm pin WASHER (2)
15	703 963 R1	LINK, rocker arm
16	3044 520 R1	SPRING, priming lever
17	3044 519 R91	PRIMER, body and hand
	3043 370 R1	GASKET, feed pump (not illustrated)
	3046 381 R91	KIT LESS ROCKER ARM, pump repair
	3046 382 R91	KIT, diaphragm first aid repair
	3044 458 R1	SET, primer parts repair



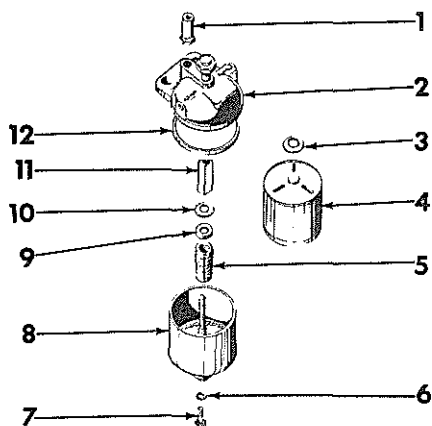
CRAWLER TRACTORS

FUEL SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
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FUEL FILTER (Diesel)
(For Use On Engines Prior to Serial No. BD-144/1951 C)



T45-4A

NOTE "A" For use on engines with serial No. BD-144/867 C, BD-144/869 C to BD-144/871 C and BD-144/876 C)

NOTE "B" For use on engines with serial No. BD-144/868 C, BD-144/872 C to BD-144/875 C, BD-144/877 C and up to BD-144/1951 C)

705 421 R92 FILTER, fuel (composed of all parts listed below excluding filter attaching hardware)
1/2 x 1-1/8" hexagon BOLT (2)
1/2" hex. NUT (2)
1/2" lock WASHER (2)

1	705 945 R91	VALVE, fuel filter relief (Note "A")
1	3041 365 R1	VALVE, fuel filter relief (Note "B")
2	704 626 R1	COVER, filter housing (Note "A")
	704 628 R1	Cover fixing nut CIRCLIP
	704 627 R1	Cover fixing NUT
	704 629 R1	Vent PLUG
	704 630 R1	Vent plug joint WASHER
2	3041 348 R1	COVER, filter housing (Note "B")
	3041 360 R1	Cover fixing nut CIRCLIP
	3041 357 R1	Vent PLUG
	3041 358 R1	Vent plug joint WASHER
3	704 641 R1	RING, filter element sealing (Note "A")
3	3041 355 R1	RING, filter element sealing (Note "B")
4	704 640 R91	ELEMENT, fuel filter
5	704 638 R1	SPRING, lower (Note "A")
5	3041 356 R1	SPRING, lower (Note "B")

REF. NO.	PART NUMBER	DESCRIPTION
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FUEL FILTER (Diesel) - Cont
(For Use On Engines Prior to Serial No. BD-144/1951 C)

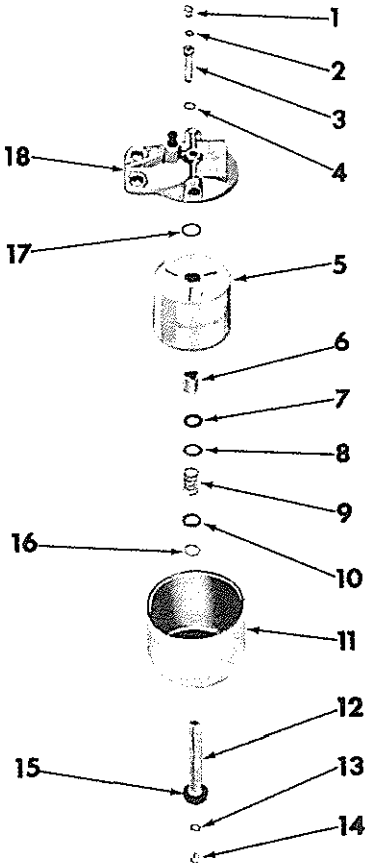
6	704 630 R1	WASHER, filter drain plug (Note "A")
6	3041 363 R1	WASHER, filter drain plug (Note "B")
7	704 633 R1	PLUG, filter housing drain (Note "A")
8	704 632 R91	HOUSING, filter (Note "A")
8	3041 352 R1	HOUSING, fuel filter (Note "B")
9	704 637 R1	WASHER, flat (Note "A")
9	3041 350 R1	WASHER, flat (Note "B")
10	704 636 R1	RING, locating sleeve locating ring (Note "A")
10	3041 349 R1	RING, locating sleeve locating ring (Note "B")
11	704 635 R1	SLEEVE, element locating (Note "A")
11	3041 359 R1	SLEEVE, element locating (Note "B")
12	704 639 R1	JOINT, cover sealing (Note "A")
12	3041 351 R1	JOINT, cover sealing (Note "B")
PARTS NOT ILLUSTRATED		
	3041 353 R1	BOLT, centre housing (Note "B")
	3041 364 R1	BOLT, filter (Note "B")
	3041 354 R1	CUP, base (Note "B")
	751 682 R91	PACKAGE, filter element composed of: 6 Element 704 640 R91
	708 293 R1	STUD, delivery connection (Note "B")



CRAWLER TRACTORS

FUEL SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
FUEL FILTER (Diesel) (For Use On Engines With Serial No. BD-144/1951 C and Prior to Serial No. BD-144/2826 C) 		
	H 5940	
709 004 R92		FILTER, fuel (composed of all parts listed below excluding filter attaching hardware) 1/2 x 1-1/8" hexagon BOLT (2) 1/2" hex. NUT (2) 1/2" lock WASHER (2)
1	3041 357 R1	PLUG, fuel filter vent
2	3041 358 R1	WASHER, vent plug
3	3041 364 R1	BOLT, fuel filter vent plug
4	3041 363 R1	WASHER, vent plug bolt
5	704 640 R91	ELEMENT, fuel filter
6	3041 359 R1	SLEEVE, element locating
7	3041 349 R1	RING, locating ring sealing
8	3041 350 R1	WASHER, flat

REF. NO.	PART NUMBER	DESCRIPTION
FUEL FILTER (Diesel) - Cont (For Use On Engines With Serial No. BD-144/1951 C and Prior to Serial No. BD-144/2826 C)		
9	3041 356 R1	SPRING, element locating
10	3041 355 R1	RING, filter element sealing
11	3041 352 R1	HOUSING, fuel filter
12	3041 353 R1	BOLT, fuel filter housing
13	3041 358 R1	WASHER, drain plug
14	3041 357 R1	PLUG, fuel filter drain
15	3041 354 R1	CUP, filter housing base
16	3041 360 R1	CIRCLIP, element spring
17	3041 355 R1	RING, element sealing
18	3041 348 R1 708 639 R1 3044 912 R1	COVER, fuel filter housing Cover sealing RING Cover housing PLUG
	751 682 R91	PACKAGE, filter element composed of: 6 Element
	704 640 R91	



CRAWLER TRACTORS

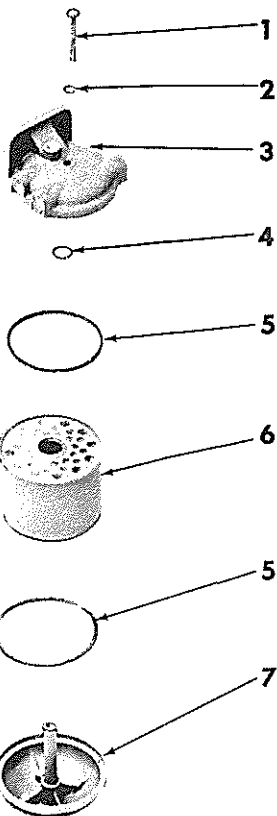
FUEL SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
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FUEL FILTER

(For Use On Engines With Serial No. BD-144/2826 C and up)



H 6939

3043 645 R91 FILTER, fuel (composed of all parts listed
excluding filter attaching hardware)
3/8 x 1" hexagon BOLT (2)
3/8" lock WASHER (2)

1	3044 503 R1	BOLT, filter centre
2	3044 504 R1	WASHER, centre bolt
3	3044 502 R1	HEAD, filter
4	3044 505 R1	RING, element seal
5	3044 507 R1	RING, head and base sealing
6	3044 506 R1	ELEMENT, filter
7	3048 796 R91	BASE, filter stud

REF. NO.	PART NUMBER	DESCRIPTION
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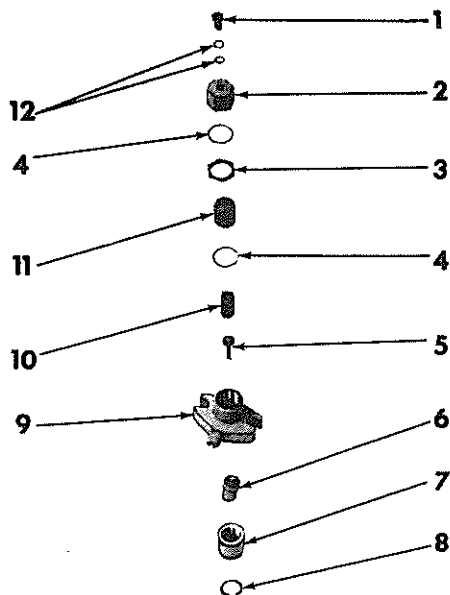
CRAWLER TRACTORS

FUEL SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
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FUEL INJECTION NOZZLE (Diesel Engine)
(For Use On Engines Prior to BD-144/1951 C)



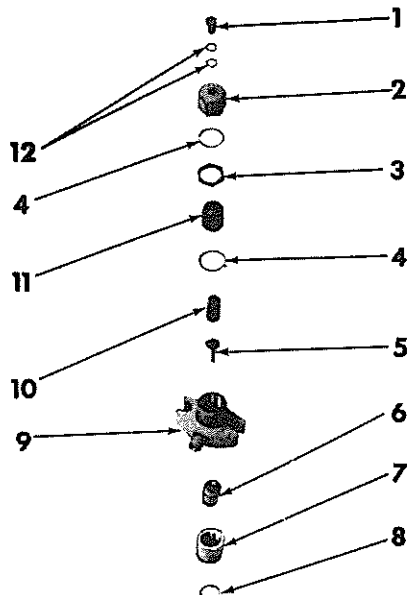
H 6938

705 431 R91 NOZZLE ASSEMBLY, holder and injection
(4)(composed of all parts listed below)

1	706 289 R1	BOLT, banjo (4)
2	706 288 R1	NUT, nozzle holder cap (4)
3	706 292 R1	NUT, lock (4)
4	706 287 R1	WASHER, holder cap nut (8)
5	706 282 R91	SPINDLE, nozzle (4)
6	706 284 R1	NOZZLE, fuel injection (4)
7	706 283 R1	NUT, nozzle cap (4)
8	706 291 R2	WASHER, nozzle cap nut (4)
9	706 275 R91	BODY, nozzle holder (4)
10	706 293 R1	SPRING, cap (4)
11	706 290 R1	CAP, spring (4)
12	703 519 R1	WASHER, banjo bolt (8)

REF. NO.	PART NUMBER	DESCRIPTION
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FUEL INJECTION NOZZLE (Diesel Engine)
(For Use On Engines With Serial No. BD-144/1951 C and up)



H 6938

3040 870 R91 NOZZLE ASSEMBLY, fuel injection (4)
(composed of all parts listed below)

1	706 289 R1	BOLT, banjo (4)
2	706 288 R1	NUT, nozzle holder cap (4)
3	706 292 R1	NUT, lock (4)
4	706 287 R1	WASHER, holder cap nut (8)
5	706 282 R91	SPINDLE, nozzle (4)
6	3040 871 R91	NOZZLE, fuel injection (4)
7	706 283 R1	NUT, nozzle cap (4)
8	706 291 R2	WASHER, nozzle cap nut (4)
9	706 275 R91	BODY, nozzle holder (4)
10	706 293 R1	SPRING, cap (4)
11	706 290 R1	CAP, spring (4)
12	703 519 R1	WASHER, banjo bolt (8)



CRAWLER TRACTORS

COOLING SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
RADIATOR AND RADIATOR SHROUD (Carburated Engine)		
1	636 689 R1	SHROUD, radiator right side (for tractors with front P. T. O. driven hydraulic pump) No. 10 x 3/8" hex. mach. SCREW (2) No. 10 hex. NUT (2) No. 10 lock WASHER (2)
2	636 688 R1	SHROUD, radiator right side (for tractors (NOT with front P. T. O. driven hydraulic pump)) No. 10 x 3/8" hex. mach. SCREW (2) No. 10 hex. NUT (2) No. 10 lock WASHER (2)
3	636 686 R1	SHROUD, radiator upper No. 10 x 3/8" hex. mach. SCREW (4) 7/32 x 1/2 x 18 gauge WASHER (8) No. 10 hex. NUT (4) No. 10 lock WASHER (4)
4		RADIATOR, (not Low Profile)(on machines prior to serial No. # order 1 - 636 620 R91 - Radiator and 1 - 103 647 - Drain)
4		RADIATOR, (Low Profile)(on machines prior to serial No. # order 1 - 636 622 R91 - Radiator and 1 - 103 647 - Drain)
4	636 620 R91	RADIATOR, (not Low Profile)(for use on machines with serial No. # and up) 3/8 x 7/8" hexagon BOLT (2) 3/8 x 1" hexagon BOLT (2) 3/8" hex. NUT (2) 3/8" lock WASHER
4	636 622 R91	RADIATOR, (Low Profile)(for use on machines with serial No. # and up) 3/8 x 7/8" hexagon BOLT (2) 3/8 x 1" hexagon BOLT (2) 3/8" hex. NUT (4) 3/8" lock WASHER (4)
5	635 546 R1	GASKET, radiator filler cap (not Low Profile)
6	635 545 R91	CAP, radiator filler (not Low Profile)
6	361 705 R91	CAP, radiator filler (Low Profile)

REF. NO.	PART NUMBER	DESCRIPTION
RADIATOR AND RADIATOR SHROUD - Cont (Carburated Engine)		
7	29 979 D	CLAMP, inlet hose upper
8	635 318 R1	HOSE, radiator inlet
9	39 142 H	CLAMP, outlet elbow upper hose (2)
10	635 316 R1	BRACE, radiator right 3/8 x 7/8" hexagon BOLT 3/8" hex. NUT 3/8" lock WASHER
11	635 314 R1	BRACE, radiator left 3/8 x 7/8" hexagon BOLT 3/8" hex. NUT 3/8" lock WASHER
12	39 233 H	CLAMP, inlet hose lower
13	369 092 R2	HOSE, outlet elbow upper
14	368 602 R1 103 867	ELBOW, radiator outlet 3/8" sq-hd. pipe PLUG
15	119 931	BUSHING, 3/8 x 1/4" outlet elbow reducing (for use on machines up to serial No. #)
16	103 647	COCK, radiator drain
17	55 624 D	CLAMP, outlet elbow lower hose (2)
18	18 466 DB	HOSE, outlet elbow lower
19	635 312 R1	BRACKET, radiator support 1/2 x 1" hexagon BOLT (2) 1/2" lock WASHER (2)
20	636 687 R1	SHROUD, radiator left side No. 10 x 3/8" hex. mach. SCREW (2) No. 10 hex. NUT (2) No. 10 lock WASHER (2)
	636 685 R91	PARTS ACCESSORY, radiator shroud (for use on tractors equipped with front P. T. O. hydraulic pump) composed of: 8 Screw 188 978 1 Side Shroud 636 687 R1 1 Side Shroud 636 689 R1 8 Nut 110 633 1 Upper Shroud 636 686 R1 8 Washer 106 497 8 Washer 446 160
	636 684 R91	PARTS ACCESSORY, radiator shroud (for use on tractors NOT equipped with front P. T. O. hydraulic pump) composed of: 8 Screw 188 978 1 Side Shroud 636 687 R1 1 Side Shroud 636 688 R1 8 Nut 110 633 1 Upper Shroud 636 686 R1 8 Washer 106 497 8 Washer 446 160

* Not Serviced Separately
Information Not Available

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CRAWLER TRACTORS

COOLING SYSTEM

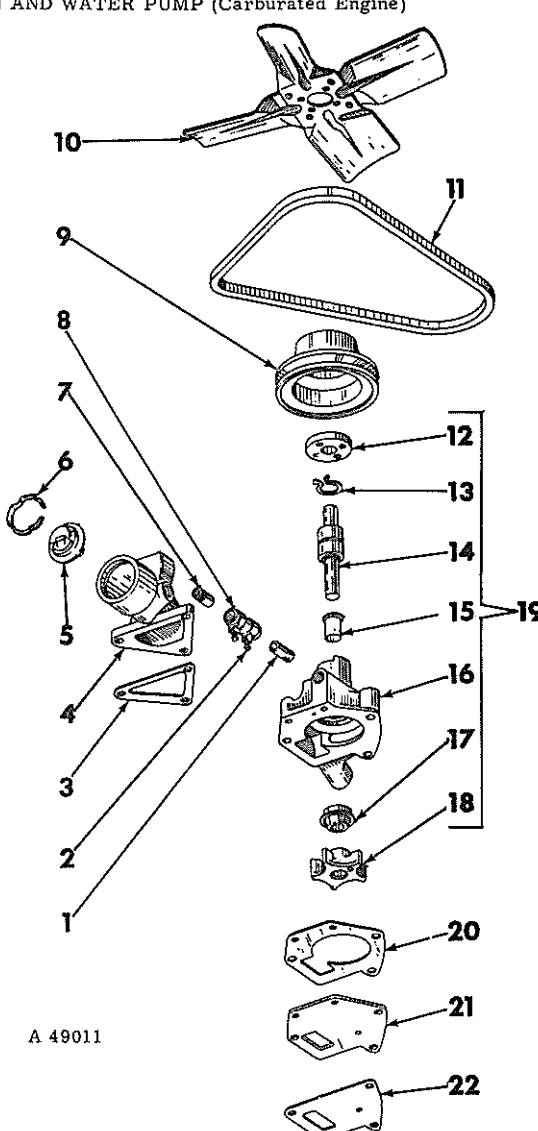


REF. NO.	PART NUMBER	DESCRIPTION
RADIATOR AND RADIATOR SHROUD (Diesel Engine)		
1	636 689 R1	SHROUD, radiator right side (for tractors with front P.T.O. driven hydraulic pump) No. 10 x 3/8" hex. mach. SCREW (2) No. 10 hex. NUT (2) No. 10 lock WASHER (2)
2	636 688 R1	SHROUD, radiator right side (for tractors NOT with front P.T.O. driven hydraulic pump) No. 10 x 3/8" hex. mach. SCREW (2) No. 10 hex. NUT (2) No. 10 lock WASHER (2)
3	636 686 R1	SHROUD, radiator upper No. 10 x 3/8" hex. mach. SCREW (4) No. 10 hex. NUT (4) 7/32 x 1/2 x 18 gauge WASHER (8) No. 10 lock WASHER (4)
4	635 311 R91	RADIATOR, (not Low Profile) 3/8 x 7/8" hexagon BOLT (2) 3/8 x 1" hexagon BOLT (2) 3/8" hex. NUT (4) 3/8" lock WASHER (4)
4	636 182 R91	RADIATOR, (Low Profile) 3/8 x 7/8" hexagon BOLT (2) 3/8 x 1" hexagon BOLT (2) 3/8" hex. NUT (4) 3/8" lock WASHER (4)
5	835 546 R1	GASKET, radiator filler cap (not Low Profile)
6	635 545 R91	CAP, radiator filler (not Low Profile)
6	351 705 R91	CAP, radiator filler (Low Profile)
7	29 979 D	CLAMP, inlet hose upper

REF. NO.	PART NUMBER	DESCRIPTION	
RADIATOR AND RADIATOR SHROUD - Cont (Diesel Engine)			
8	635 512 R1	HOSE, radiator inlet	
9	39 233 H	CLAMP, inlet hose lower	
10	39 142 H	CLAMP, outlet hose upper	
11	635 316 R1	BRACE, radiator right 3/8 x 7/8" hexagon BOLT 3/8" hex. NUT 3/8" lock WASHER	
12	635 315 R1	BRACE, radiator left 3/8 x 7/8" hexagon BOLT 3/8" hex. NUT 3/8" lock WASHER	
13	635 319 R1	HOSE, radiator outlet	
14	55 624 D	CLAMP, outlet hose lower	
15	635 313 R1	BRACKET, radiator support 1/2 x 1" hexagon BOLT (2) 1/2" lock WASHER (2)	
16	103 647	COCK, radiator drain	
17	636 687 R1	SHROUD, radiator left side No. 10 x 3/8" hex. mach. SCREW (2) No. 10 hex. NUT (2) No. 10 lock WASHER (2)	
	636 685 R91	PARTS ACCESSORY, radiator shroud (for tractors with front P. T. O. driven hydraulic pump) composed of:	
		8 Nut	110 633
		8 Screw	188 978
		1 Shroud	636 687 R1
		1 Shroud	636 689 R1
		1 Shroud	636 686 R1
		8 Washer	446 160
		8 Washer	106 497
	636 684 R91	PARTS ACCESSORY, radiator shroud (for tractors NOT with front P. T. O. driven hydraulic pump) composed of:	
		8 Nut	110 633
		8 Screw	188 978
		1 Shroud	636 687 R1
		1 Shroud	636 688 R1
		1 Shroud	636 686 R1
		8 Washer	106 497
		8 Washer	446 160

CRAWLER TRACTORS

COOLING SYSTEM

REF. NO.	PART NUMBER	DESCRIPTION
FAN AND WATER PUMP (Carburated Engine)		
		
1	368 556 R1	PIPE, lower by-pass
2	375 061 R91	CLAMP, by-pass hose (2)
3	43 294 D	GASKET, water outlet elbow
4	367 679 R1	ELBOW, water outlet 3/8 x 1" hexagon BOLT (3) 3/8" lock WASHER (3)
5	369 322 R91	THERMOSTAT, 170°
6	257 441 R2	RING, thermostat retainer
7	367 680 R1	PIPE, upper by-pass
8	367 681 R1	HOSE, by-pass pipe
9	367 688 R1	PULLEY, water pump 1/4 x 1/2" hexagon BOLT (4)(Note "A") 1/4" lock WASHER (4) 1/4-NF x 1/2" hex. BOLT (4)(Note "B")

REF. NO.	PART NUMBER	DESCRIPTION
FAN AND WATER PUMP (Carburated Engine) - Cont		
10	367 682 R91	FAN, water pump (regular) 1/4 x 1/2" hexagon BOLT (4)(Note "A") 1/4" lock WASHER (4) 1/4-NF x 1/2" hex. BOLT (4)(Note "B")
10	309 077 R91	BLADE, blower fan (special) 1/4 x 9/16" hexagon BOLT (4)(Note "A") 1/4" external-tooth lock WASHER (4) 1/4-NF x 9/16" hex. BOLT (4)(Note "B")
11	367 697 R1	BELT, fan generator and water pump drive
12	368 501 R1	HUB, pulley
13	102 069 H	RING, front snap
14	ST 644	SHAFT AND BEARING, pump (Includes SLINGER, 75351 R1)
15	71 351 R1	SLINGER, water pump
16		BODY, water pump (*) (order 1 - 367 683 R91 - Water Pump)
17	73 296 R92	SEAL, water pump
18	367 689 R1	IMPELLER, water pump
19	367 683 R91	PUMP ASSEMBLY, water composed of: * 1 Body 1 Hub 1 Impeller 1 Ring 1 Seal 1 Shaft 3/8 x 1-3/8" hexagon BOLT 3/8 x 2" hexagon BOLT 3/8 x 2-5/8" hexagon BOLT 3/8" lock WASHER (3)
20	367 687 R1	GASKET, water pump body
21	368 559 R1	PLATE, water pump 5/16 x 3/4" hexagon BOLT (2) 5/16" lock WASHER (2)
22	375 745 R1	GASKET, water pump plate
	367 708 R91	PACKAGE ASSEMBLY, water pump service composed of: 1 Gasket 1 Gasket 1 Hub 1 Impeller 1 Ring 1 Seal 1 Shaft

NOTE "A" - (for use on C-123 Engines prior to serial No. 95964 and C-135 Engines prior to 34788)

NOTE "B" - (for use on C-123 Engines from serial No. 95964 and up, and C-135 Engines with serial No. 34788 and up)



CRAWLER TRACTORS

COOLING SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
WATER PUMP AND RELATED PARTS (Diesel Engine)		
	H 6880	
	NOTE "A"	When tractor equipped with adjusting pulley
1	706 749 R91	BLADE, fan 5/16 x 3/4" hexagon BOLT (4) 5/16" lock WASHER (4)
2	703 825 R11	FLANGE, water pump pulley (regular) (Includes NUT, 114 502 and SCREW, 102 831)
	102 831	5/16 x 7/8" hdl. dog-pt. set SCREW 5/16" lock NUT
3	704 222 R1	HUB, water pump pulley (regular)
4	3040 316 R1	HUB, water pump pulley (Note "A")
5	3040 315 R2	BELT, fan drive (Note "A")
6	703 814 R1	HOUSING, thermostat 5/16 x 1" hexagon BOLT (2) 5/16 x 2-1/2" hexagon BOLT 5/16" lock WASHER (3)
7	3042 303 R91	THERMOSTAT, (170°F-199°F)
8	3040 778 R2	RING, thermostat retainer
9	703 815 R1	GASKET, thermostat housing
10	703 822 R91	SEAL, water pump
11	709 909 R1	IMPELLER, water pump
12	704 219 R2	FLINGER, water pump spindle

REF. NO.	PART NUMBER	DESCRIPTION
WATER PUMP AND RELATED PARTS (Diesel Engine) - Cont		
13	703 816 R1	GASKET, water pump
14	704 216 R2 704 218 R1	BODY, water pump Bearing retainer BOLT 1/4" lock WASHER
15	704 217 R91	BEARING, spindle water pump (optional to use 3042 304 R91 or 3042 676 R91 - Bearing)
16	709 502 R1	BELT, fan drive (regular)
17	3040 313 R11 3040 306 R1	BRACKET, adjusting pulley (Note "A") 15 mm. external-type CIRCLIP 3/8 x 5/8" hexagon BOLT 13/32 x 13/16 x 16 gauge WASHER
18	3040 302 R11	PULLEY, fan belt adjusting (Includes BEARINGS, 3040 303 R91 or 3040 307 R91 or 3040 808 R91)(Note "A")
19	3040 303 R91	BEARING, adjusting pulley (2)(Note "A") (optional to use 3040 307 R91 or 3040 808 R91 - Bearing)
	703 820 R92	PUMP ASSEMBLY, water composed of: 1 Bearing 1 Body 1 Bolt 1 Flange 1 Flinger 1 Hub 1 Impeller 1 Seal 1 Washer 3/8" hex. NUT (4) 3/8" lock WASHER (4)
	704 217 R91 or 3042 304 R91 or 3042 676 R91	
	704 216 R2 704 218 R1 703 825 R11 704 219 R2 704 222 R1 709 909 R1 703 822 R91 103 319	
	3040 336 R91	PULLEY ATTACHMENT, fan belt adjusting (for use on tractors prior to engine serial No. BD-144/712 C) composed of: 1 Belt 1 Bolt 1 Bracket 1 Circlip 1 Cover 1 Hub 2 Nut 1 Pipe 1 Plug 1 Pulley 1 Washer
	3040 315 R1 179 835 3040 313 R11 3040 306 R1 3040 337 R1 3040 316 R1 37 165 D 3040 331 R1 103 866 3040 302 R11 103 341	
	3040 335 R91	PULLEY ATTACHMENT, fan belt adjusting (for use on tractors with engine serial No. BD-144/712 C and up) composed of: 1 Belt 1 Bolt 1 Bracket 1 Circlip 1 Cover 1 Hub 1 Plug 1 Pulley 1 Washer
	3040 315 R1 179 835 3040 313 R11 3040 306 R1 3040 337 R1 3040 316 R1 103 866 3040 302 R11 103 341	

* Not Serviced Separately

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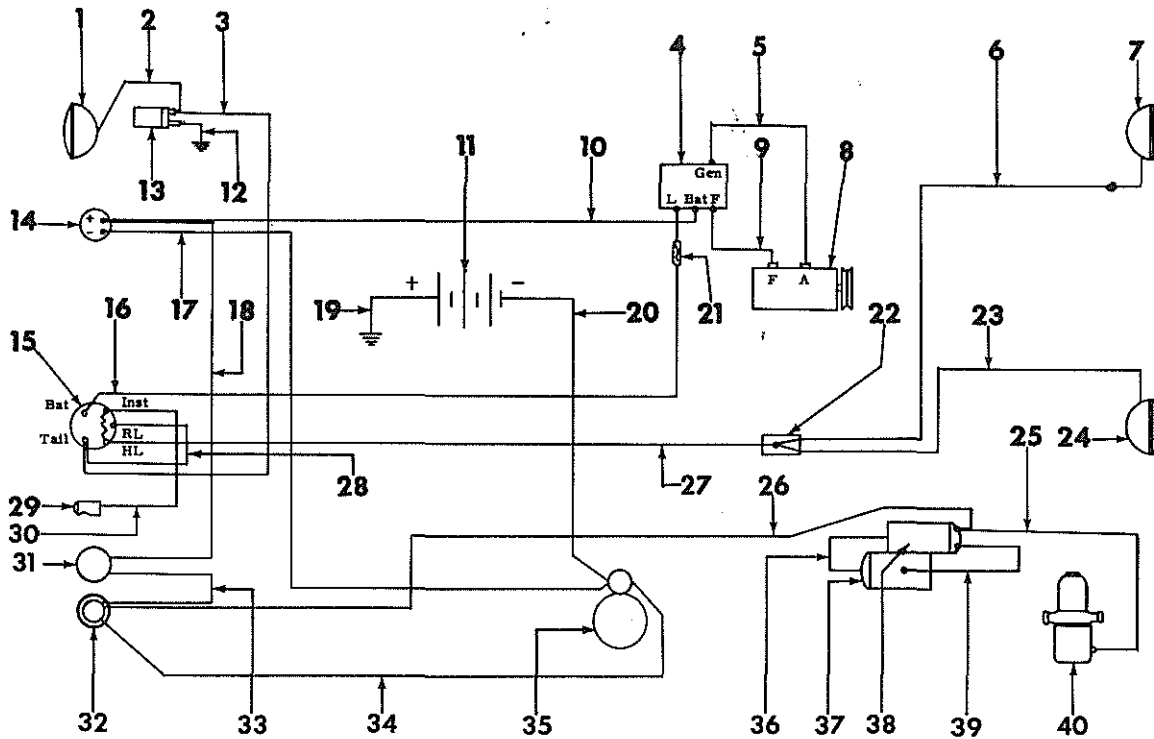
CRAWLER TRACTORS

ELECTRICAL



REF. NO.	PART NUMBER	DESCRIPTION
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REF. NO.	PART NUMBER	DESCRIPTION
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WIRING DIAGRAM
(Carburated Engine)WIRING DIAGRAM - Cont
(Carburated Engine)

HA 4251

- | | |
|----|---|
| 1 | LIGHT, combination work and tail (Refer to "COMBINATION WORK AND TAIL LIGHT") |
| 2 | CABLE, work and tail light to breakaway connector socket (Refer to "ELECTRIC BREAKAWAY CONNECTOR") |
| 3 | 635 530 R93 CABLE, "TL" terminal on light switch to tail light cable |
| 4 | REGULATOR, voltage (Refer to "VOLTAGE REGULATOR") |
| 5 | 358 112 R91 CABLE, "GEN" terminal on voltage regulator to "A" terminal on generator |
| 6 | CABLE, junction box to left head light (part of Electrical Harness) |
| 7 | HEADLIGHT, left (Refer to "HEADLIGHT") |
| 8 | GENERATOR, (Refer to "GENERATOR") |
| 9 | 370 818 R91 CABLE, "F" terminal on voltage regulator to "F" terminal on generator |
| 10 | CABLE, positive terminal on ammeter to "BAT" terminal on voltage regulator (part of Electrical Harness) |

- | | |
|----|---|
| 11 | 373 148 R91 BATTERY, dry-charged |
| 12 | CABLE, breakaway connector to ground (Refer to "ELECTRIC BREAKAWAY CONNECTOR") |
| 13 | SOCKET, breakaway connector (Refer to "ELECTRIC BREAKAWAY CONNECTOR") |
| 14 | AMMETER, (Refer to "AMMETER") |
| 15 | SWITCH, light (Refer to "LIGHT SWITCH") |
| 16 | CABLE, "BAT" terminal on light switch to "L" terminal on voltage regulator (part of Electrical Harness) |
| 17 | CABLE, negative terminal on ammeter to starting motor solenoid switch (part of Electrical Harness) |
| 18 | CABLE, ammeter positive terminal to key ignition switch (for use on tractors with serial No. 3088 and up)(Refer to "KEY IGNITION SWITCH") |
| 19 | 613 496 R91 CABLE, battery ground |



CRAWLER TRACTORS

ELECTRICAL



REF. NO.	PART NUMBER	DESCRIPTION
WIRING DIAGRAM - Cont (Carburated Engine)		
20	635 562 R91	CABLE, battery (battery to solenoid switch and starting motor)
21	636 347 R91	FUSE HOLDER and CABLE (part of Electrical Harness)
22		BOX, headlight junction (part of Electrical Harness)
23		CABLE, junction box to right headlight (part of Electrical Harness)
24		HEADLIGHT, right (Refer to "HEADLIGHT")
25	635 624 R11	CABLE, electric fuel pump to ignition coil
26		CABLE, starter button to ignition coil (part of Electrical Harness)
27		CABLE, "HL" terminal on light switch to headlight junction box (part of Electrical Harness)
28		CABLE, "TL" terminal on light switch to "RL" terminal on light switch (part of Electrical Harness)
29		LAMP, instrument panel (Refer to "INSTRUMENT PANEL LIGHT")
30		CABLE, panel lamp (Refer to "INSTRUMENT PANEL LIGHT")
31		SWITCH, key ignition (for use on tractors with serial No. 3088 and up)(Refer to "KEY IGNITION SWITCH")
32		SWITCH, starting (for use on tractors with serial No. 3088 and up)(Refer to "STARTING SWITCH")
33		CABLE, key ignition switch to starter switch (for use on tractors with serial No. 3088 and up)(Refer to "KEY IGNITION SWITCH")
34		CABLE, starting switch to starting motor solenoid switch (part of Electrical Harness)
35		STARTING MOTOR, (Refer to "STARTING MOTOR") 3/8 x 1" hexagon BOLT (3) 3/8" lock WASHER (3)
36		CABLE, coil to distributor secondary (Refer to "IGNITION UNIT")
37		DISTRIBUTOR, ignition (Refer to "DISTRIBUTOR")

REF. NO.	PART NUMBER	DESCRIPTION
WIRING DIAGRAM - Cont (Carburated Engine)		
38		COIL, ignition (Refer to "IGNITION UNIT")
39		CABLE, coil to distributor primary (Refer to "IGNITION UNIT")
40		PUMP, electrical fuel (Refer to "ELECTRIC FUEL PUMP") 1/4 x 1/2" hexagon BOLT (2) 1/4" lock WASHER (2)
PARTS NOT ILLUSTRATED		
	366 316 R91	BUTTON, starter (for use on tractors prior to serial No. 3088)(Refer to "PUSH BUTTON STARTING SWITCH")
	86 878 HY	CABLE, ignition switch to starter button (for use on tractors prior to serial No. 3088)
	635 531 R91	CABLE, positive terminal on ammeter to ignition switch (for use on tractors prior to serial No. 3088)
	119 702 R1	CLIP, headlight cable (2)
	102 106	CLIP, electrical cable harness
	114 216 R1	CLIP, electrical cable harness
	140 577	CLIP, headlight cable
	105 244	CLIP, tail light cable 1/4 x 3/4" slt-rd-hd. SCREW 1/4" hex. NUT 1/4" lock WASHER
	432 644	FUSE, electrical (20 amps)
		HARNESS, electrical (for service on tractors prior to serial No. 3088, order 1 - 636 518 R91 - Harness, 1 - 86 878 HY - Cable and 1 - 635 531 R91 - Cable)
	636 518 R91	HARNESS, electrical (Includes FUSE HOLDER, 636 347 R91)(for use on machines with serial No. 3088 and up)
	68 801 DC	SWITCH, ignition (for tractors prior to serial No. 3088)(Refer to "IGNITION SWITCH")
	636 526 R1	SUPPORT, harness clip
	636 527 R1	CLIP, wiring harness



CRAWLER TRACTORS

ELECTRICAL



REF. NO.	PART NUMBER	DESCRIPTION
WIRING DIAGRAM - Cont (Carburated Engine)		
PARTS ACCESSORY, lighting (not Low Profile)(on machines prior to serial No. order 1 - 636 528 R91 - Parts Accessory, and 1 - 635 527 R91 - Harness)		
PARTS ACCESSORY, lighting (Low Profile only)(on machines prior to serial No. #, order 1 - 636 530 R91 - Parts Accessory and 1 - 636 527 R91 - Harness)		
636 530 R91	PARTS ACCESSORY, lighting (Low Profile only)(for use on machines with serial No. # and up)	composed of: 1 Bracket 636 122 R1 1 Bracket 635 519 R1 1 Cable 635 530 R92 1 Clamp 350 920 R1 2 Clip 119 702 R1 2 Clip 105 244 1 Clip 140 577 1 Decal 2750 268 R1 1 Headlight 635 520 R91 1 Headlight 635 521 R91 1 Lamp 275 389 R91 3 Lockwasher 106 496 1 Lockwasher 103 319 1 Lockwasher 103 323 1 Lockwasher 103 325 1 Nut 102 637 1 Nut 102 639 1 Nut 109 084 3 Screw 113 899 1 Screw 113 957 1 Spacer 49 069 D 1 Switch 371 464 R91 1 Tail Light 373 305 R91 or 375 649 R91
636 528 R91	PARTS ACCESSORY, lighting (not Low Profile)(for use on machines with serial No. # and up)	composed of: 2 Bolt 179 845 2 Bracket 635 518 R1 1 Bracket 635 519 R1 1 Cable 635 530 R92 1 Clamp 350 920 R1 2 Clip 119 702 R1 2 Clip 105 244 1 Clip 140 577 1 Decal 2750 268 R1 1 Headlight 635 520 R91 1 Headlight 635 521 R91 1 Lamp 275 389 R91 3 Lockwasher 106 496 1 Lockwasher 103 319 2 Lockwasher 103 321 1 Lockwasher 103 323 1 Lockwasher 103 325 1 Nut 102 637 1 Nut 102 639 1 Nut 109 084 4 Nut 120 238 3 Screw 113 899 1 Screw 113 957 1 Spacer 49 069 D 1 Switch 371 464 R91 1 Tail Light 373 305 R91 or 375 649 R91

REF. NO.	PART NUMBER	DESCRIPTION



CRAWLER TRACTORS

ELECTRICAL

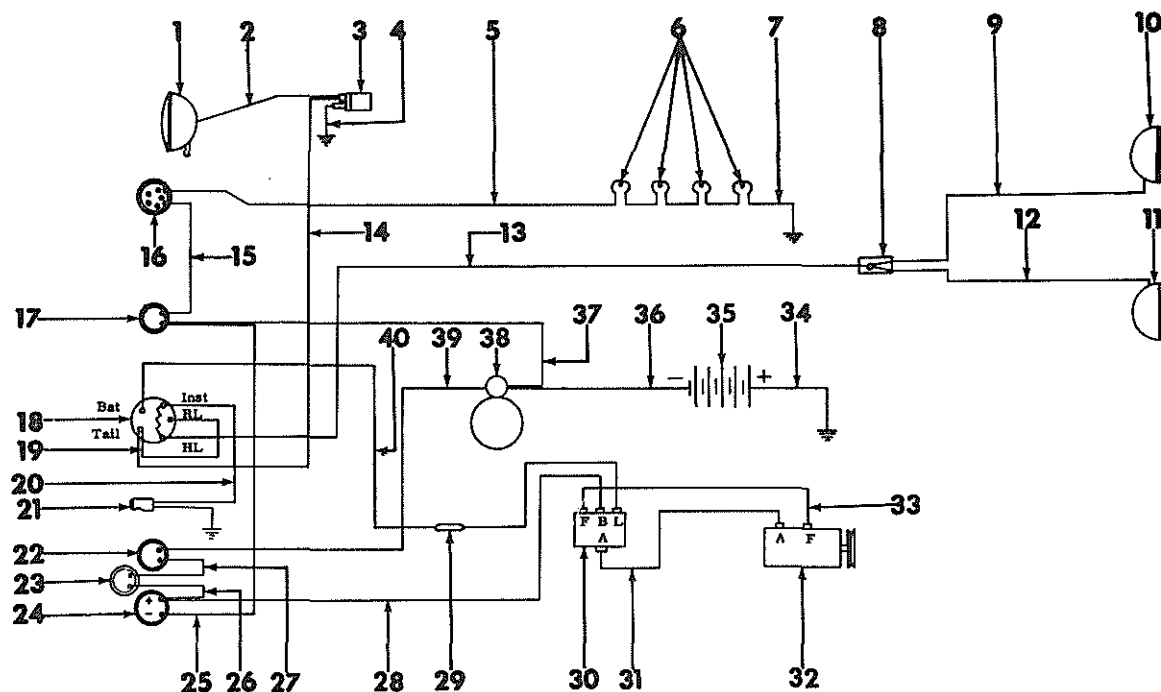


REF. NO.	PART NUMBER	DESCRIPTION
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WIRING DIAGRAM (Diesel Engine)

REF. NO.	PART NUMBER	D E S C R I P T I O N
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WIRING DIAGRAM - Cont
(Diesel Engine)



HA 4272

1		LIGHT, combination work and tail (Refer to "COMBINATION WORK AND TAIL LIGHT")	11		HEADLIGHT, right (Refer to "HEADLIGHT")
2		CABLE, work and tail light to breakaway connector socket (Refer to "ELECTRIC BREAKAWAY CONNECTOR")	12		CABLE, junction box to right headlight (part of Electrical Harness)
3		SOCKET, breakaway connector (Refer to "ELECTRIC BREAKAWAY CONNECTOR")	13		CABLE, "HL" terminal on light switch to junction box (part of Electrical Harness)
4		CABLE, breakaway connector to ground (Refer to "ELECTRIC BREAKAWAY CONNECTOR")	14	635 530 R93	CABLE, "TL" terminal on light switch to breakaway connector
5		CABLE, glow plug indicator to glow plug (part of Electrical Harness)	15		CABLE, glow plug to switch to glow plug indicator (part of Electric Harness)
6	710 348 R1	PLUG, glow (4)	16		INDICATOR, glow plug (Refer to "GLOW PLUG INDICATOR")
7	703 897 R1	CABLE, glow plug to ground	17		SWITCH, glow plug (Refer to "GLOW PLUG SWITCH")
8		BOX, headlight junction (part of Electrical Harness)	18		SWITCH, light (Refer to "LIGHT SWITCH")
9		CABLE, junction box to left headlight (part of Electric Harness)	19		CABLE, "TL" terminal on light switch to "RL" terminal on light switch (part of Electrical Harness)
10		HEADLIGHT, left (Refer to "HEADLIGHT")	20		SOCKET and WIRING, instrument light (Refer to "INSTRUMENT PANEL LIGHT")



CRAWLER TRACTORS

ELECTRICAL



REF. NO.	PART NUMBER	DESCRIPTION
WIRING DIAGRAM - Cont (Diesel Engine)		
21		LAMP, instrument panel (Refer to "INSTRUMENT PANEL LIGHT")
22		SWITCH, starting (Refer to "STARTING SWITCH")
23		SWITCH, key lock (for use on tractors with serial No. 3088 and up)(Refer to "KEY LOCK SWITCH")
24		AMMETER, (Refer to "AMMETER")
25	636 520 R91	CABLE, glow plug switch to ammeter negative terminal
26	636 366 R91	CABLE, key lock switch to ammeter
27	636 366 R91	CABLE, key lock switch to starting switch
28		CABLE, ammeter positive terminal to voltage regulator "B" terminal (part of Electrical Harness)
29	636 347 R91	FUSE HOLDER and CABLE (part of Electrical Harness)
30		REGULATOR, voltage (Refer to "VOLTAGE REGULATOR")
31	1914 185	CABLE, "A" terminal on voltage regulator to "A" terminal on generator
32		GENERATOR, (Refer to "GENERATOR")
33	1917 571	CABLE, "F" terminal on voltage regulator to "F" terminal on generator
34	613 496 R91	CABLE, battery ground
35	635 932 R91	BATTERY, dry charged (Autolite #4068360)
36	635 562 R91	CABLE, battery (battery to solenoid switch and starting motor)
37		CABLE, glow plug switch to starting motor solenoid switch (part of Electrical Harness)
38		STARTING MOTOR (Refer to "STARTING MOTOR")
39		CABLE, starting switch to starting motor solenoid switch (part of Electrical Harness)
40		CABLE, "BAT" terminal on light switch to "L" terminal on voltage regulator (part of Electrical Harness)

REF. NO.	PART NUMBER	DESCRIPTION
WIRING DIAGRAM - Cont (Diesel Engine)		
		PARTS NOT ILLUSTRATED
	114 216 R1	CLIP, electrical cable harness
	140 776	CLIP, voltage regulator cable
	366 316 R91	BUTTON, starter (for use on tractors prior to serial No. 3088)(Refer to "PUSH BUTTON STARTING SWITCH")
	147 684	FUSE, electrical (10 amps)(7/8" long)
	117 142	FUSE, electrical (10 amps)(1-1/4" long)
		HARNESS, electrical (for service on tractors prior to serial No. 3088 order 1 - 636 519 R91 - Harness and 1 - 636 520 R91 - Cable)
	636 519 R91	HARNESS, electrical (includes FUSE HOLDER, 636 347 R91)(for service on machines with serial No. 3088 and up)
	710 474 R1	INSULATOR, glow plug
	703 898 R1	WIRE, glow plug connecting (2) (No. 1 plug to No. 2 plug and No. 3 plug to No. 4 plug)
	703 899 R1	WIRE, glow plug connecting (No. 2 plug to No. 3 plug)
	3048 840 R91	WRENCH, glow plug
	636 527 R1	CLIP, wiring harness
		PARTS ACCESSORY, lighting (not Low Profile)(on machines prior to serial No. # order 1 - 636 529 R91 - Parts Accessory and 1 - 636 519 R91 - Harness)
		PARTS ACCESSORY, lighting (Low Profile only)(on machines prior to serial No. # order 1 - 636 531 R91 - Parts Accessory and 1 - 635 529 R91 - Harness)

* Not Serviced Separately
Information Not Available

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CRAWLER TRACTORS

ELECTRICAL



REF. NO.	PART NUMBER	DESCRIPTION
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WIRING DIAGRAM - Cont
(Diesel Engine)

636 531 R91	PARTS ACCESSORY, lighting (Low Profile Only)(for use on tractors with serial No. # and up)
	composed of:
1	Bracket 636 122 R1
1	Bracket 635 519 R1
1	Cable 635 530 R92
1	Clamp 350 920 R1
2	Clip 119 702 R1
2	Clip 105 244
1	Clip 114 214 R1
1	Decal 2750 268 R1
1	Headlight 635 522 R91
1	Headlight 635 523 R91
1	Lamp 271 077 R91
3	Lockwasher 106 496
1	Lockwasher 103 319
1	Lockwasher 103 323
1	Lockwasher 103 325
1	Nut 102 637
1	Nut 102 639
1	Nut 109 084
3	Screw 113 899
1	Screw 113 957
1	Spacer 49 069 D
1	Switch 371 465 R91
1	Tail Light 373 306 R91
	or
	375 650 R91

636 529 R91	PARTS ACCESSORY, lighting (not Low Profile)(for use on machines with serial No. and up)
	composed of:
2	Bolt 179 845
2	Bracket 635 518 R1
1	Bracket 635 519 R1
1	Cable 635 530 R92
1	Clamp 350 920 R1
2	Clip 119 702 R1
2	Clip 105 244
1	Clip 114 214 R1
1	Decal 2750 268 R1
1	Headlight 635 522 R91
1	Headlight 635 523 R91
1	Lamp 271 077 R91
3	Lockwashers 106 496
2	Lockwashers 103 321
1	Lockwasher 103 319
1	Lockwasher 103 323
1	Lockwasher 103 325
1	Nut 102 637
1	Nut 102 639
1	Nut 109 084
4	Nut 120 238
3	Screw 113 899
1	Screw 113 957
1	Spacer 49 069 D
1	Switch 371 465 R91
1	Tail Light 373 306 R91
	or
	375 650 R91

REF. NO.	PART NUMBER	DESCRIPTION
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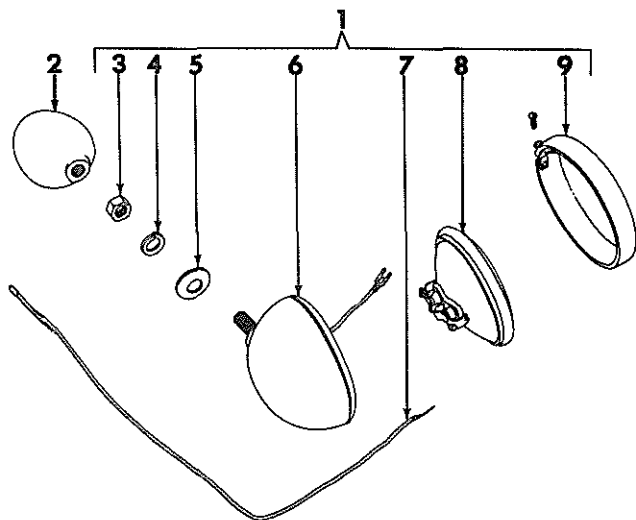
CRAWLER TRACTORS

ELECTRICAL



REF. NO.	PART NUMBER	DESCRIPTION
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HEAD LIGHT (6 Volt and 12 Volt)



HA 4487

1	635 523 R91	LIGHT ASSEMBLY, right head (12 volt) composed of: * 1 Body 1 Beam 373 662 R91 1 Moulding 635 961 R91 1 Screw 53 526 D 1 Wire 635 962 R91 1 Washer 635 963 R1 1 Nut 120 238 1 Lockwasher 120 384
1	635 522 R91	LIGHT, left head (12 volt) composed of: * 1 Body 1 Beam 373 662 R91 1 Moulding 635 960 R91 1 Screw 53 526 D 1 Wire 635 962 R91 1 Washer 635 963 R1 1 Nut 120 238 1 Lockwasher 120 384
1	635 521 R91	LIGHT ASSEMBLY, right head (6 volt) composed of: * 1 Body 1 Beam 373 661 R91 1 Moulding 635 961 R91 1 Screw 53 526 D 1 Wire 635 962 R91 1 Washer 635 963 R1 1 Nut 120 238 1 Lockwasher 120 384
1	635 520 R91	LIGHT ASSEMBLY, left head (6 volt) composed of: * 1 Body 1 Beam 373 661 R91 1 Moulding 635 960 R91 1 Screw 53 526 D 1 Wire 635 962 R91 1 Washer 635 963 R1 1 Nut 120 238 1 Lockwasher 120 384
2	635 518 R1	BRACKET, head light 3/8 x 1-3/4" hexagon BOLT 3/8" lock WASHER

REF. NO.	PART NUMBER	DESCRIPTION
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HEAD LIGHT (6 Volt and 12 Volt) - Cont

3	120 238	1/2" cad-pltd. hex-jam NUT
4	120 384	1/2" cad-pltd. lock WASHER
5	635 963 R1	WASHER, headlight bearing
6		BODY ASSEMBLY, headlight (*)
7	635 962 R91	CABLE, headlight
8	373 661 R91	SEALED BEAM UNIT (6 volt)(Includes NUTS, 102 637 and WASHERS, 103 323)
8	373 662 R91	SEALED BEAM UNIT (12 volt)(Includes NUTS, 102 637 and WASHERS, 103 323)
9	635 960 R91	MOULDING, head light left (Includes SCREW, 53526 D)
9	635 961 R91	MOULDING, head light right (Includes SCREW, 53526 D)



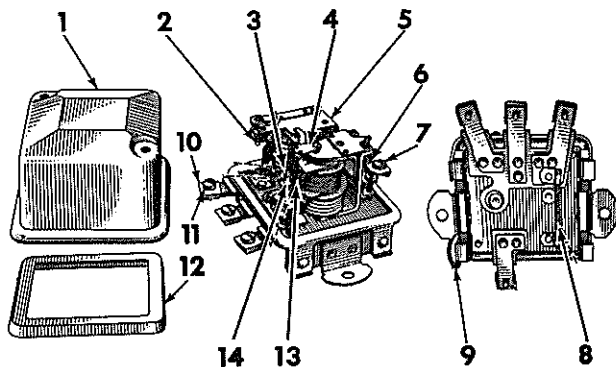
CRAWLER TRACTORS

ELECTRICAL



REF. NO.	PART NUMBER	DESCRIPTION
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VOLTAGE REGULATOR (6 Volt)(Delco-Remy)



A 33775

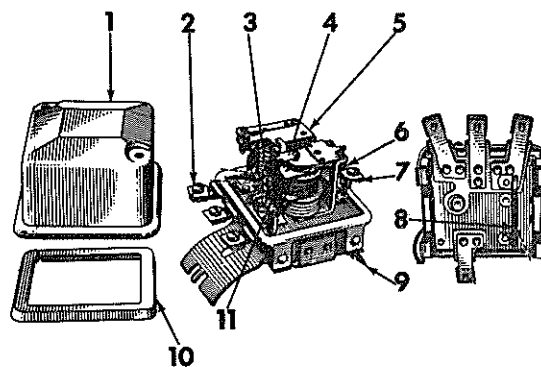
NOTE: Always Give REGULATOR Number When Ordering Parts.

1119 575 REGULATOR, voltage (all parts listed below the attaching hardware are components of this assembly)
 $1/4 \times 3/8$ " hexagon BOLT (2)
 $1/4$ " lock WASHER (2)

1	1927 980 1927 982 1922 996	COVER, voltage regulator Cover attaching SCREW (2) Cover attaching screw WASHER (2)
2	1912 159	SCREW, adjusting relay armature
3	1878 507	WASHER, insulating regulator
4	1878 517	CONTACT and SUPPORT, regulator
5	1878 780 454 431 1904 377	ARMATURE, relay Relay armature SCREW Relay armature lock WASHER
6	1912 176	SPRING, regulator armature
7	1922 408	SCREW, regulator armature adjusting
8	1910 183	RESISTOR, "F" terminal to ground
9	1927 975	LEAD, ground
10	1868 137	CLAMP, terminal
11	1864 099	SCREW, terminal
12	1027 981	GASKET, cover (for use on tractors prior to serial No. 3440)
12	1953 902	GASKET, cover (for use on tractors with serial No. 3440 and up)
13	1922 599	INSULATOR, attaching screw
14	1878 516 1878 505	SCREW, regulator contact attaching Attaching screw lock WASHER

REF. NO.	PART NUMBER	DESCRIPTION
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VOLTAGE REGULATOR (12 Volt)(Delco-Remy)



A 33775 A

NOTE: Always Give REGULATOR Number When Ordering Parts.

1118 791 REGULATOR, voltage
132 900 Regulator attaching SCREW (2)
1856 056 Regulator attaching screw WASHER (2)
138 479 Regulator attaching screw lock WASHER (2)

1	1927 980 1927 982 1935 031	COVER, voltage regulator Cover attaching SCREW Cover attaching screw WASHER
2	1868 137 1864 099	CLAMP, terminal Terminal SCREW
3	1912 159	SCREW, relay armature adjusting
4	1878 517 1878 516 1878 505	CONTACT, voltage regulator Contact attaching SCREW (2) Contact attaching screw lock WASHER
5	1878 780 1924 764 1904 377	ARMATURE, regulator relay Armature relay attaching SCREW (2) Armature relay screw WASHER (2)
6	1912 176	SPRING, regulator
7	1922 408	SCREW, regulator adjusting
8	1910 174	RESISTOR, regulator
9		BASE, voltage regulator (*) (order 1118 791 - Regulator)
10	1927 981	GASKET, regulator cover
11	1922 599 1878 505	WASHER, contact attaching screw Attaching screw washer BUSHING

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CRAWLER TRACTORS

ELECTRICAL



REF. NO.	PART NUMBER	DESCRIPTION
IGNITION UNIT		
A 49505		
1	356 686 R92	CABLE, coil to distributor secondary (Includes NIPPLES, 215 553 R1)
2	251 553 R1	NIPPLE, distributor terminal (2)
3		DISTRIBUTOR, (Refer to "DISTRIBUTOR")
4	353 937 R1	CLAMP, distributor 5/16 x 7/8" hex-hd. cap SCREW 5/16" lock WASHER
5	353 936 R2	GASKET, distributor
6	353 874 R91	COIL, ignition
7	353 889 R1	CLAMP, coil No. 10-NF x 1-1/2" slt-rd-hd. SCREW No. 10-NF square NUT 5/16 x 1/2" hexagon BOLT (2) 5/16" lock WASHER (2) 11/32 x 11/16 x 14 gauge plain WASHER
8	357 929 R92	CABLE, coil to distributor primary
9	46 168 DB	GASKET, distributor drive housing

REF. NO.	PART NUMBER	DESCRIPTION
IGNITION UNIT - Cont		
10	46 868 D	CLIP, distributor mounting
11	353 934 R11	GEAR and SHAFT, distributor drive
12	363 763 R11	HOUSING, distributor drive 3/8 x 1-1/8" hexagon BOLT 3/8 x 1-3/8" hexagon BOLT 3/8" lock WASHER (2)
13	363 765 R1	GASKET, housing hole cover
14	363 764 R1	COVER, housing hole No. 10-NF x 9/16" cad-pltd. slt-rd-hd. SCREW (2) No. 10 cad-pltd. lock WASHER (2)



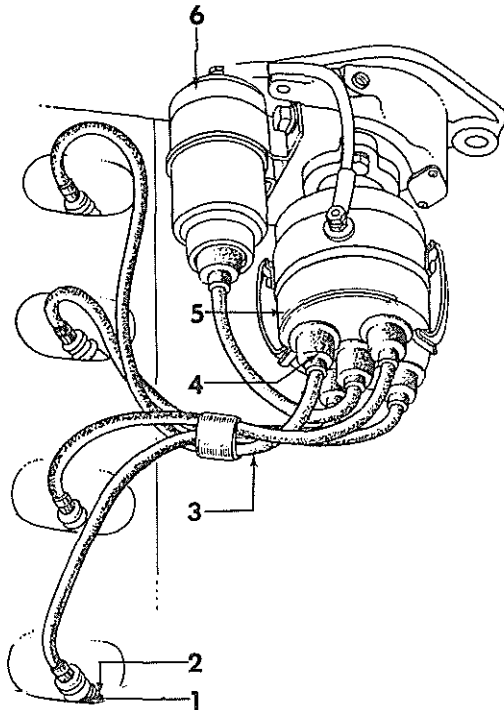
CRAWLER TRACTORS

ELECTRICAL



REF. NO.	PART NUMBER	DESCRIPTION
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SPARK PLUGS AND CABLES



1	360 943 R91	SPARK PLUG w/gasket (light or moderate service)(champion No. 10 com.)
1	353 985 R91	SPARK PLUG w/gasket (light or moderate service)(AC-88S com.)
1	359 277 R91	SPARK PLUG w/gasket (light or moderate service)(Auto-lite BT-10)
1	371 522 R91	SPARK PLUG w/gasket (Intermediate service)(champion D-16)
1	360 942 R91	SPARK PLUG w/gasket (normal service) (champion No. 8 com.)
1	353 982 R91	SPARK PLUG w/gasket (normal service) (AC-C85)
1	359 276 R91	SPARK PLUG w/gasket (normal service) (Auto-lite BT-8)
1	361 688 R91	SPARK PLUG w/gasket (severe service) (champion No. 5 com.)
1	353 983 R91	SPARK PLUG w/gasket (severe service) (AC-C84)
1	359 275 R91	SPARK PLUG w/gasket (severe service) (Auto-lite BT-4)

REF. NO.	PART NUMBER	DESCRIPTION
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SPARK PLUGS AND CABLES - Cont

1	361 686 R91	SPARK PLUG w/gasket (extremely severe service)(champion 4 com.)
1	353 986 R91	SPARK PLUG w/gasket (extremely severe service)(AC-C81)
1	359 274 R91	SPARK PLUG w/gasket (extremely severe service)(Auto-lite BT-3)
2	37 762 H	GASKET, spark plug (4)
3	356 695 R92	PACKAGE, ignition cable service (consists of 4 spark plug CABLES, 1-356 686 R92 - distributor to coil CABLE and 4-251 553 R 1 NIPPLES)
4	251 553 R1	NIPPLE, spark plug cable (4)
5		DISTRIBUTOR (Refer to the "DISTRIBUTOR")
6	353 874 R91	COIL, ignition

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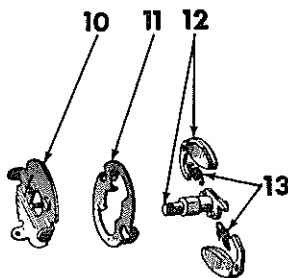
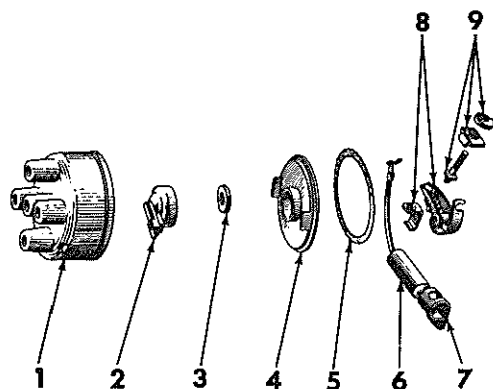
CRAWLER TRACTORS

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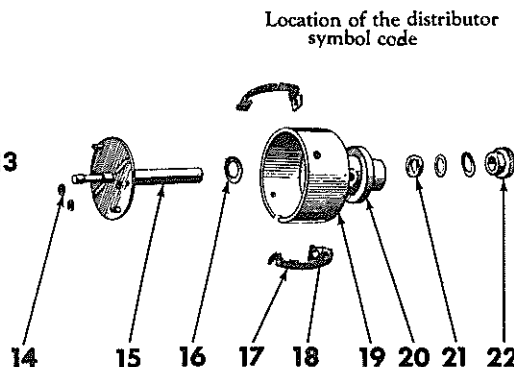
REF. NO.	PART NUMBER	DESCRIPTION
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DISTRIBUTOR



REF. NO.	PART NUMBER	DESCRIPTION
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DISTRIBUTOR - Cont



B 4767 A

366 928 R91	DISTRIBUTOR, battery ignition (C-123 Carbureted Engine)	11	352 301 R1	GUARD, governor weight No. 8 x 1/4" cad-pltd. fil-hd. SCREW (2) No. 8 cad-pltd. lock WASHER (2)	
366 928 R91	DISTRIBUTOR, battery ignition (C-135 Carbureted Engine prior to engine serial No. 24370)	12	353 915 R91	ARM and WEIGHT (2)	
375 423 R91	DISTRIBUTOR, battery ignition (C-135 Carbureted Engine with engine serial No. 24370 and up)	13	366 942 R91	PACKAGE, governor spring (consists of two springs)(C-123 Carbureted Engine)	
1	351 693 R92	CAP, distributor	13	366 942 R91	PACKAGE, governor spring (consists of two springs)(C-135 Carbureted Engine prior to engine serial No. 24370)
2	353 896 R91	ROTOR, distributor	13	375 425 R91	PACKAGE, governor spring (C-135 Carbureted Engine with engine serial No. 24370 and up)
3	353 901 R2	SEAL, breaker cover felt	14	352 293 R1	SPACER, weight arm (4)
4	353 900 R11	COVER, breaker (Includes GASKET, 352 284 R2 and SEAL, 353 901 R2)	15	354 901 R91	SHAFT, distributor (C-123 Carbureted Engine)
5	352 284 R2	GASKET, breaker cover	15	354 901 R91	SHAFT, distributor (C-135 Carbureted Engine prior to engine serial No. 24370)
6	353 903 R92	CONDENSER	15	362 474 R91	SHAFT, distributor (C-135 Carbureted Engine with engine serial No. 24370 and up)
7	353 905 R1	CLAMP, condenser No. 8 x 3/16" cad-pltd. fil-hd. SCREW No. 8 cad-pltd. lock WASHER	16	352 298 R1	WASHER, distributor thrust (2)
8	353 172 R91 21 394 D	SET, distributor point Breaker arm spring WASHER (2) No. 8 cad-pltd. NUT No. 8 x 3/16" cad-pltd. pan-hd SCREW No. 8 cad-pltd. lock WASHER	17	353 894 R1	SPRING, distributor cap (2)
9	353 907 R1 21 394 D 353 906 R1 251 538 R1	SCREW, terminal Terminal WASHER Spring, anchor terminal INSULATOR Terminal insulating WASHER	18	353 895 R1	SUPPORT, distributor cap spring (2) No. 8 x 3/8" cad-pltd. slt-rd-hd. SCREW (2) No. 8 cad-pltd. lock WASHER (2)
10	352 277 R11	PLATE, breaker No. 8 x 3/8" cad-pltd. slt-rd-hd. SCREW No. 8 cad-pltd. lock WASHER	19	353 898 R11	HOUSING, distributor (Includes OIL SEAL, 252 739 R1 - PLUG 125 947 and RETAINER, 353 899 R1) 125 947 1/8" cad-pltd. slt-hd. pipe PLUG
			20	353 899 R1	RETAINER, shaft oil seal
			21	252 739 R1	OIL SEAL, distributor shaft

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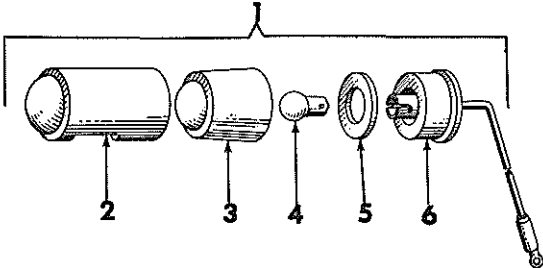


CRAWLER TRACTORS

ELECTRICAL



REF. NO.	PART NUMBER	DESCRIPTION
DISTRIBUTOR - Cont		
22	353 902 R1 354 552 R1 355 460 R1	GEAR, 23 T distributor Distributor gear PIN Cam oil hole FELT
	21 372 D	GREASE, distributor or magneto (1 oz. tube) (not included with Distributor Assembly) (not illustrated)
	373 577 R91	PACKAGE, distributor shaft bushing service (not illustrated)

REF. NO.	PART NUMBER	DESCRIPTION
INSTRUMENT PANEL LAMP (6 Volt and 12 Volt)		
		

IPA 40734

1	275 289 R91	LAMP, instrument (6 volt) composed of:
	1 Bulb	142 306
	1 Cover	271 588 R1
	1 Gasket	89 883 R1
	1 Lens	89 884 R1
	1 Socket	271 589 R91
	113 899	Panel lamp mounting SCREW (3)
1	271 077 R91	LAMP, instrument (12 volt) composed of:
	1 Bulb	193 125
	1 Cover	271 588 R1
	1 Gasket	89 883 R1
	1 Lens	89 884 R1
	1 Socket	271 587 R91
	113 899	Panel lamp mounting SCREW (3)
2	271 588 R1	COVER, panel lamp bulb
3	89 884 R1	LENS, outlook glass
4	142 306	BULB, panel lamp (6 volt)
4	193 125	BULB, panel lamp (12 volt)
5	89 883 R1	GASKET, panel lamp
6	271 589 R91	SOCKET and WIRING (6 volt)
6	271 587 R91	SOCKET and WIRING (12 volt)



CRAWLER TRACTORS

ELECTRICAL

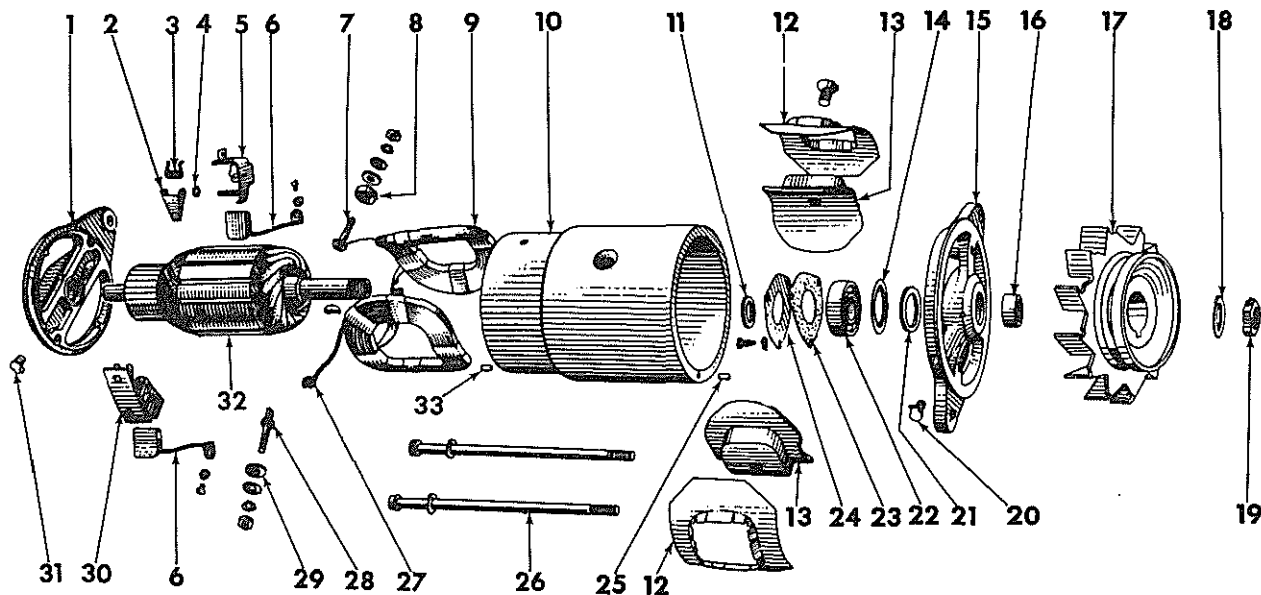


REF. NO.	PART NUMBER	DESCRIPTION
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GENERATOR, (6 Volt)(Delco-Remy)

REF. NO.	PART NUMBER	DESCRIPTION
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GENERATOR, (6 Volt)(Delco-Remy) - Cont



A 49507

NOTE: Always Give GENERATOR Number When Ordering Parts

1100 052 GENERATOR, (composed of all parts listed below, excluding generator attaching hardware)
 5/16 x 3/4" hexagon BOLT
 5/16 x 1-1/8" hexagon BOLT
 5/16 x 7/8" hexagon BOLT
 5/16" hex NUT (2)
 11/32 x 3/4 x 16 gauge WASHER
 5/16" lock WASHER (3)

1	1927 451	FRAME, commutator end (Includes OILER, 1880 635 and PIN, 809 062)
2	1878 183	ARM, brush
3	1916 324	SPRING, brush
4	1904 368	WASHER, brush arm space
5	1922 288 121 743 132 979 131 184	HOLDER, brush ground No. 12 cad-pltd. hex. NUT No. 12 x 5/8" cad-pltd. slt-rd-hd. SCREW No. 12 cad-pltd. lock WASHER
6	1906 946 132 688 1904 377	BRUSH, generator No. 6 x 1/4" cad-pltd. slt-rd-hd. SCREW Attaching screw lock WASHER

7	1921 860 121 743 121 744 1881 409 1858 753 1904 661	STUD, terminal field No. 12 cad-pltd. hex. NUT (3) No. 12 cad-pltd. lock WASHER Terminal stud WASHER Terminal stud insulating WASHER Terminal stud lock WASHER (2)
8	1885 090	BUSHING, field terminal insulating
9	1921 356	COIL, field
10		FRAME, generator (*)
11	809 945	WASHER, drive end space
12	1914 491	INSULATOR, field coil
13	1913 618 1843 646	SHOE, pole Pole shoe SCREW
14	819 104	PLATE, drive end felt retaining
15	1871 693	FRAME, drive end (Includes OILER, 1880 642 and PIN, 809 593)
16	1858 603	COLLAR, drive end space
17	1924 689 124 545	FAN and PULLEY, generator No. 5 Woodruff KEY
18	1888 439	WASHER, drive end shaft nut lock
19	1911 324	NUT, drive end shaft

* Not Serviced Separately

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CRAWLER TRACTORS

ELECTRICAL



REF. NO.	PART NUMBER	DESCRIPTION
GENERATOR, (6 Volt)(Delco-Remy) - Cont		
20	1880 641	OILER, drive end
21	809 961	WASHER, drive end felt
22	907 503	BALL BEARING, drive end
23	1912 008	GASKET, drive end retainer plate
24	1911 263 1904 370 1880 781	PLATE, drive end retainer Drive end retainer plate SCREW (3) Retainer plate screw lock WASHER (3)
25	809 593	PIN, drive end dowel
26	815 018 120 638	BOLT, through Through bolt lock WASHER
27	200 382	CLIP, terminal to brush
28	1921 369 121 743 121 744 1881 409 1904 661	STUD, terminal armature No. 12 cad-pltd. hex. NUT (3) No. 12 cad-pltd. lock WASHER Terminal stud WASHER Terminal stud lock WASHER (2)
29	1921 362	BUSHING, armature terminal insulating
30	1922 289 132 979 131 184 121 743	HOLDER, brush insulated No. 12 x 5/8" cad-pltd. slt-rd-hd. SCREW No. 12 cad-pltd. lock WASHER No. 12 cad-pltd. hex. NUT
31	1880 635	OILER, commutator end
32	1921 351 1927 448 1927 447	ARMATURE Commutator end felt retainer CUP Commutator end felt WASHER
33	809 062	PIN, commutator end dowel

REF. NO.	PART NUMBER	DESCRIPTION
GENERATOR ATTACHING PARTS (Carburated Engine)		
1	367 697 R1	BELT, fan and generator
2	368 574 R2	BRACE, generator adjusting 5/16 x 3/4" hexagon BOLT 5/16" lock WASHER
3		GENERATOR, (Refer to "GENERATOR") 5/16 x 3/4" hexagon BOLT 5/16 x 7/8" hexagon BOLT 5/16 x 1-1/8" hexagon BOLT 5/16" hex. NUT (2) 5/16" lock WASHER (3)
4	370 619 R91	BRACKET, generator 3/8 x 7/8" hexagon BOLT (2) 3/8" lock WASHER (2)

A 49506 A



CRAWLER TRACTORS

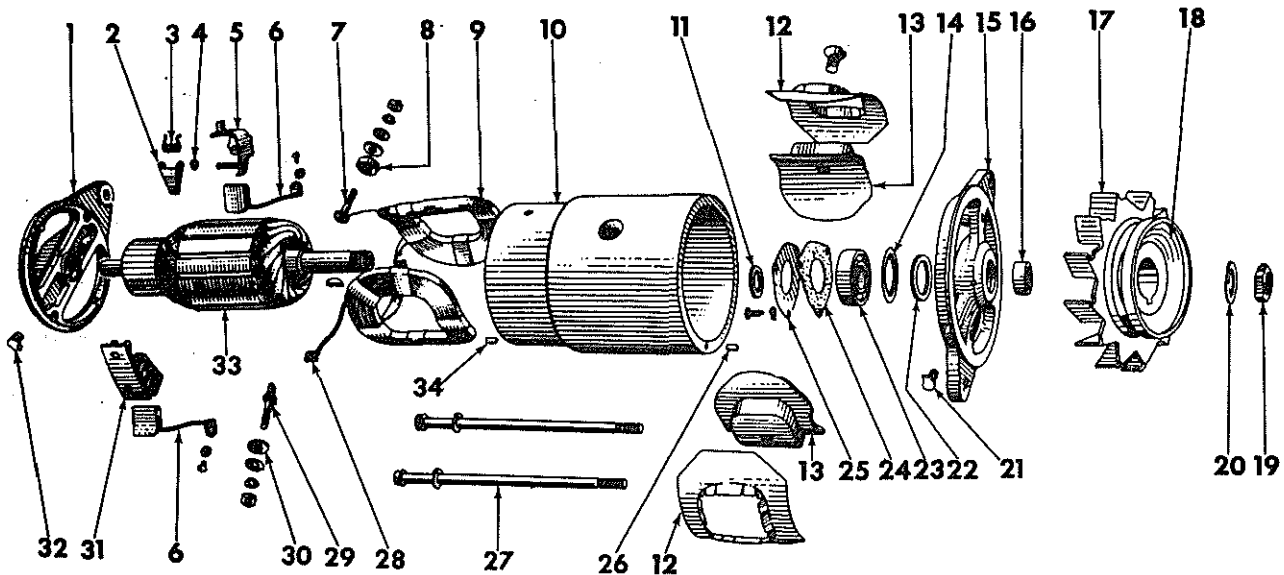


REF. NO.	PART NUMBER	DESCRIPTION
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GENERATOR (12 Volt)(Delco-Remy)
(For Use On Tractors Prior To Serial No. #)

REF. NO.	PART NUMBER	DESCRIPTION
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GENERATOR (12 Volt)(Delco-Remy) - Cont
(For Use On Tractors Prior To Serial No. #)



A 49507

NOTE: Always Give GENERATOR NUMBER When Ordering Parts.

1100 370 GENERATOR, w/Voltage regulator (for component parts of the Voltage Regulator refer to "VOLTAGE REGULATOR")
5/16 x 7-1/4" hexagon BOLT
5/16" hex. NUT
5/16" lock WASHER

1 1947 614 FRAME ASSEMBLY, commutator end composed of:
* 1 Frame
1 Pin 809 062
1 Wick 804 080
1 Oiler Assembly 1880 635
1 Washer 1927 447
1 Cup 1927 448

2 1878 183 ARM, brush

3 1916 324 SPRING, brush

4 1904 368 WASHER, brush arm spacer

5 1922 288 HOLDER, brush ground
122 743 No. 12 hex. NUT
132 979 No. 12 x 5/8" cad-pltd. slt-rd-hd. SCREW
131 184 No. 12 cad-pltd. lock WASHER

6 1923 295 BRUSH
132 688 No. 6 x 1/4" cad-pltd. slt-rd-hd. SCREW
1904 377 Attaching screw lock WASHER

7 1921 860 STUD, terminal field
121 743 No. 12 cad-pltd. hex. NUT (2)
1881 409 Terminal stud WASHER
1858 753 Terminal stud insulating WASHER
1904 661 Terminal stud lock WASHER (2)

8 1885 090 BUSHING, field terminal insulating

9 1923 625 COIL, field (Includes CLIP, 200 382 and STUD, 1921 860)

10 FRAME, generator (*)

11 809 945 WASHER, drive end space

12 1914 491 INSULATOR, field coil

13 1914 618 SHOE, pole
1843 646 Pole shoe SCREW

14 8819 104 PLATE, drive end retaining

15 1947 867 FRAME, drive end (Includes OILER, 1880641)
823 551 Drive end felt WICK

* Not Serviced Separately
Information Not Available

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CRAWLER TRACTORS

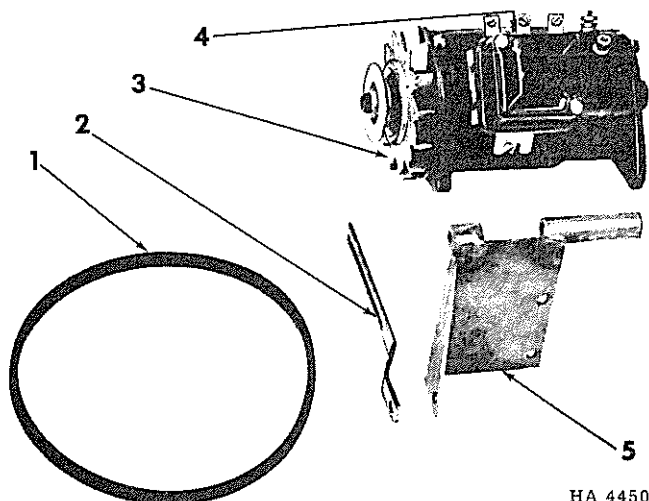
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REF. NO.	PART NUMBER	DESCRIPTION
GENERATOR (12 Volt)(Delco-Remy) - Cont (For Use On Tractors Prior To Serial No. #)		
16	1858 603	COLLAR, drive end space
17	1944 437	FAN, drive end
18	1939 886 124 545	PULLEY, drive end No. 5 Woodruff KEY
19	1911 324	NUT, drive end shaft
20	1941 978	WASHER, drive end shaft spring nut
21	1880 641	OILER, drive end
22	809 961	WASHER, drive end felt
23	907 503	BALL BEARING, drive end
24	1912 008	GASKET, drive end retainer plate
25	1911 263 1904 370	PLATE, drive end bearing retainer Drive end retainer plate SCREW (3)
26	809 593	PIN, drive end dowel
27	815 018 120 638	BOLT, through Through bolt lock WASHER
28	200 382	CLIP, terminal to brush
29	1921 369 121 743 1881 409 1904 661	STUD, terminal armature No. 12 cad-pltd. hex. NUT (2) Terminal stud WASHER Terminal stud lock WASHER (2)
30	1921 362	BUSHING, armature terminal insulating
31	1922 289 132 979 131 184 121 743	HOLDER, brush insulated No. 12 x 5/8" cad-pltd. slt-rd-hd. SCREW No. 12 cad-pltd. lock WASHER No. 12 cad-pltd. hex. NUT
32	1880 635	OILER, commutator end
33	817 807 1927 448 1927 447	ARMATURE Commutator end felt retainer CUP Commutator end felt WASHER
34	809 062	PIN, commutator end dowel

REF. NO.	PART NUMBER	DESCRIPTION
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GENERATOR ATTACHING PARTS (Diesel Engine)



HA 4450

1	704 449 R1	BELT, generator drive
2	368 574 R2	BRACE, generator adjusting 5/16 x 5/8" hexagon BOLT 5/16" lock WASHER
3		GENERATOR (Refer to "GENERATOR") 5/16 x 3/4" hexagon BOLT 5/16 x 7-1/4" hexagon BOLT 5/16" hex. NUT (2) 11/32 x 3/4 x 16 gauge WASHER 5/16" lock WASHER (2)
4		REGULATOR, voltage (Refer to "VOLTAGE REGULATOR")
5	635 373 R11	BRACKET, generator 5/16 x 5/8" hexagon BOLT (2) 5/16" lock WASHER (2)



CRAWLER TRACTORS

ELECTRICAL



REF. NO.	PART NUMBER	DESCRIPTION
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GENERATOR (12 Volt)(Delco-Remy)
(For Tractors With Serial No. # and up)

REF. NO.	PART NUMBER	DESCRIPTION
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GENERATOR (12 Volt)(Delco-Remy) - Cont
(For Tractors With Serial No. # and up)

* Not Serviced Separately
Information Not Available

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CRAWLER TRACTORS

ELECTRICAL



REF. NO.	PART NUMBER	DESCRIPTION
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GENERATOR (12 Volt)(Delco-Remy) - Cont
(For Tractors With Serial No. # and up)

REF. NO.	PART NUMBER	DESCRIPTION
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GENERATOR (12 Volt)(Delco-Remy) - Cont
(For Tractors With Serial No. # and up)

* Not Serviced Separately
Information Not Available

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CRAWLER TRACTORS

ELECTRICAL

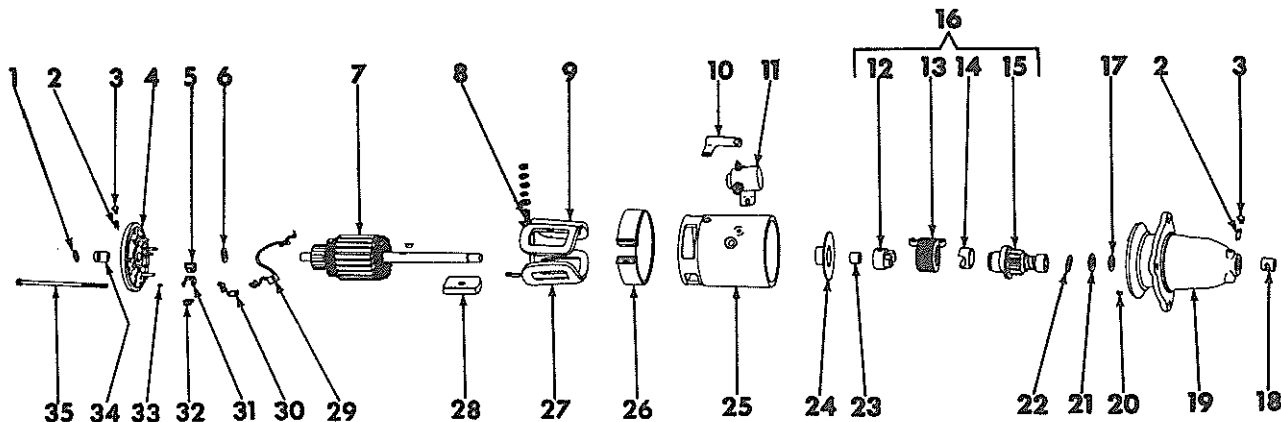


REF. NO.	PART NUMBER	DESCRIPTION
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STARTING MOTOR (Delco-Remy)(6 Volt)
(For Use On Tractors Prior To Serial No. #)

REF. NO.	PART NUMBER	DESCRIPTION
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STARTING MOTOR (Delco-Remy)(6 Volt) - Cont
(For Use On Tractors Prior To Serial No. #)



H 4403

NOTE: Always Give MOTOR NUMBER When
Ordering Parts.

1108 060	MOTOR, starting (composed of all parts listed below excluding motor attaching hardware) 3/8 x 1" hexagon BOLT (3) 3/8" lock WASHER (3)	10 1878 056 CONNECTOR, magnetic switch
1 810 819	PLUG, commutator end	11 1 465 SWITCH ASSEMBLY, magnetic composed of: 1 Nut 120 622 1 Nut 134 566 1 Washer 120 381 1 Washer 812 622 1 Washer 1904 615 1 Washer 1917 846 Magnetic switch attaching SCREW (2)
2 802 694	WICK, commutator end and drive end	12 1848 530 HEAD, motor drive
3 114 998	OILER, commutator and drive end	13 1860 639 SPRING, motor drive 1850 811 Head spring BOLT 1850 810 Shaft spring SCREW 805 057 Shaft spring screw lock WASHER
4 1864 530	FRAME ASSEMBLY, commutator end composed of: 1 Bushing 1867 610 1 Oiler 114 998 2 Pin 817 313 2 Pin 817 314 2 Pin 812 015 2 Pin 812 016 1 Pin 809 062 1 Plug 810 819 1 Wick 802 694	14 1849 782 SLEEVE, motor drive
5 811 553 115 903 131 044	BRUSH (4) No. 6 x 1/2" blued slt-rd-hd. SCREW (4) No. 6 lock WASHER (4)	15 1855 629 GEAR and SHAFT, motor drive
6 833 602	WASHER, commutator end space	16 1868 804 DRIVE ASSEMBLY, motor composed of: 1 Bolt 1850 811 1 Head 1848 530 1 Screw 1850 810 1 Shaft 1855 629 1 Sleeve 1849 782 1 Spring 1860 639 1 Washer 805 057 Woodruff KEY
7 818 002	ARMATURE	17 833 602 WASHER, drive end space
8 1848 837 1861 076 1904 669 812 622 120 381 805 258	STUD, terminal Insulating WASHER (3/4" O.D.)(2) Insulating WASHER (9/16" O.D.)(2) Stud outside WASHER Stud lock WASHER (2) Stud NUT (2)	18 826 462 BUSHING, drive end
9 817 056	COIL, field upper	19 1877 517 HOUSING ASSEMBLY, motor drive (Includes BUSHING, 826 462 - OILER, 114 998 and WICK, 802 964)
		20 809 593 PIN, drive end dowel

* Not Serviced Separately
Information Not Available

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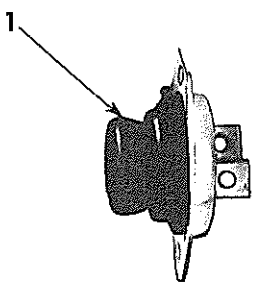


CRAWLER TRACTORS

ELECTRICAL



REF. NO.	PART NUMBER	DESCRIPTION
STARTING MOTOR (6 Volt) - Cont (For Use On Tractors Prior To Serial No. #)		
21	1849 774	WASHER, drive end space
22	809 815	WASHER, drive end space
23	1838 670	BUSHING, center bearing plate
24	1838 667	PLATE ASSEMBLY, center bearing (Includes BUSHING, 1838 670)
	132 926	Plate attaching SCREW (2)
	1880 781	Plate attaching screw lock WASHER (2)
25		FRAME, starting motor (*) (order 635 370 R91 - Motor)
26	1886 923	BAND W/NUT and SCREW, frame
	132 926	No. 10-NF x 1-1/4" cad-pltd. slt-rd-hd. SCREW
	120 614	No. 10-NF cad-pltd. NUT
27	817 055	COIL, field lower
28	810 601	SHOE, pole (4)
	1881 869	Pole shoe SCREW (4)
29	819 362	LEAD, brush and field connector
	132 892	No. 10-NF x 1/4" cad-pltd. slt-rd-hd. SCREW (2)
	106 497	No. 10 lock WASHER
30	813 554	LEAD, brush ground
	122 159	No. 8 x 1/4" cad-pltd. slt-rd-hd. SCREW
	121 841	No. 8 cad-pltd. lock WASHER
31	810 226	HOLDER, brush
	817 313	Brush holder hinge PIN
	817 314	Brush holder stop PIN
	812 016	Brush holder stop and insulator PIN
	812 015	Brush holder hinge and insulator PIN
32	813 521	SPRING, brush
33	809 062	PIN, commutator end dowel
34	1867 610	BUSHING, commutator end frame
35	809 053	BOLT, through
	120 380	Through bolt lock WASHER

REF. NO.	PART NUMBER	DESCRIPTION
PUSH BUTTON STARTING SWITCH (For Use On Tractors Prior To Serial No. 3088)		
		
	H 4486	
1	366 316 R91	SWITCH, push-button starting (optional to use with 366 317 R91 - Switch)
		composed of:
		* 1 Base
		* 1 Body
		* 1 Bracket
		* 1 Plate
		2 Screw 64 022 H
		2 Washer 121 841
	132 903	No. 10-NF x 7/16" slt-rd-hd. SCREW (2)
	120 611	No. 10-NF square NUT (2)
	120 217	No. 10 cad-pltd. lock WASHER (2)

* Not Serviced Separately
Information Not Available

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CRAWLER TRACTORS

ELECTRICAL



REF. NO.	PART NUMBER	DESCRIPTION
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STARTING MOTOR (Delco-Remy)(6 Volt)
(For Use On Tractors With Serial No. # and up)

REF. NO.	PART NUMBER	DESCRIPTION
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STARTING MOTOR (Delco-Remy)(6 Volt) - Cont
(For Use On Tractors With Serial No. # and up)

* Not Serviced Separately
Information Not Available

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CRAWLER TRACTORS

ELECTRICAL

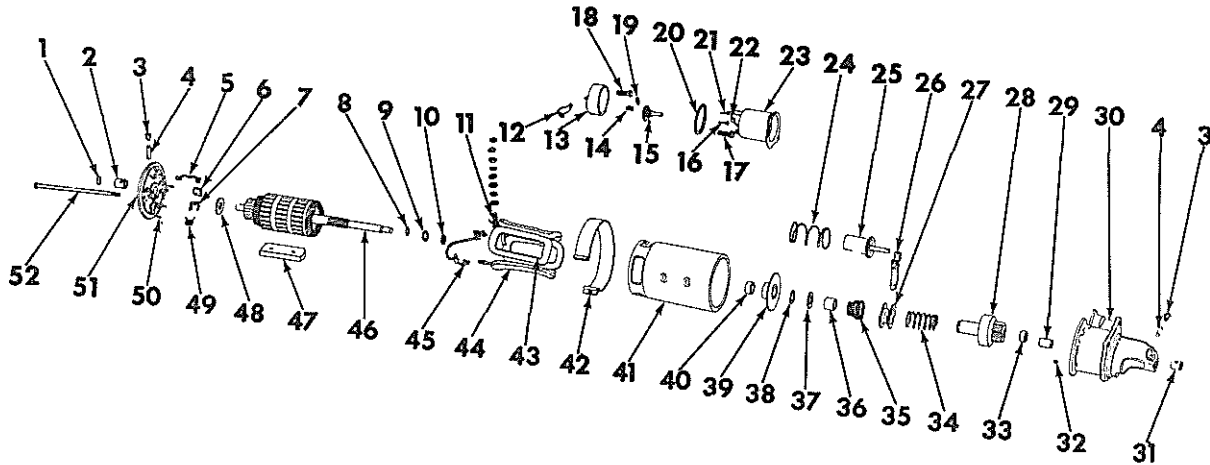


REF. NO.	PART NUMBER	DESCRIPTION
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REF. NO.	PART NUMBER	DESCRIPTION
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STARTING MOTOR (12 Volt)(Delco-Remy)
(For Use On Tractors Prior to Serial No. #)

STARTING MOTOR (12 Volt)(Delco-Remy) - Cont
(For Use On Tractors Prior to Serial No. #)



HA 4451

NOTE: Always Give MOTOR Number When
Ordering Parts.

1108 659 MOTOR ASSEMBLY, starting (composed of
all parts listed excluding motor attaching
hardware)
3/8 x 1" hexagon BOLT (3)
3/8" lock WASHER (3)

1	810 819	PLUG, commutator end
2	1867 610	BUSHING, commutator end frame
3	114 998	OILER, end
4	802 694	WICK, end
5	813 554 122 159 121 841	LEAD, brush ground (2) No. 8 x 1/4" cad-pltd. slt-rd-hd. SCREW (2) No. 8 cad-pltd. lock WASHER (2)
6	1886 643 115 903 131 044	BRUSH (4) No. 6 x 1/2" blued slt-rd-hd. SCREW (4) No. 6 lock WASHER (4)
7	810 226	HOLDER, brush (4)
8	1928 022	RING, pinion stop retainer
9	1928 021	COLLAR, pinion stop
10	1928 023	WASHER, drive end space

11	1848 837 1861 076 1904 669 812 622 120 381 805 258	STUD, terminal Insulating WASHER (25/64" O.D.)(2) Insulating WASHER (9/16" O.D.)(2) Stud plain WASHER Stud lock WASHER (2) Stud NUT (2)
12	1845 937	CONNECTOR, solenoid switch
13	1935 643 132 903 1932 935	COVER, solenoid switch Cover attaching SCREW (2) Cover attaching screw WASHER (2)
14	1853 342	SPRING, contact return
15	1932 243	CONTACT
16	1837 533 1904 615 120 622 1926 969	STUD, terminal switch Switch stud lock WASHER Switch stud NUT Switch stud insulating WASHER
17	1927 344 134 566 805 258 1926 969	STUD, battery terminal Terminal stud NUT Terminal stud NUT Terminal stud insulating WASHER
18	1931 814 1926 969	STUD, motor terminal Terminal stud insulating WASHER
19	1935 645	BLADE, contact
20	1932 224	INSULATOR, cover

* Not Serviced Separately
Information Not Available

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CRAWLER TRACTORS

ELECTRICAL



REF. NO.	PART NUMBER	DESCRIPTION
STARTING MOTOR (12 Volt)(Delco-Remy) - Cont (For Use On Tractors Prior to Serial No. #)		
21	1935 644 1904 615 120 622 1926 769	STUD, resistor terminal Resistor stud lock WASHER Resistor stud NUT Resistor stud insulating WASHER
22	1937 381	CLIP, terminal
23	1119 946 132 255 1869 533	SWITCH, motor solenoid (composed of: Items reference No.13 to 22 inclusive) Mounting SCREW (2) Mounting screw lock WASHER (2)
24	1932 208	SPRING, plunger return
25	1939 113	PLUNGER, solenoid switch
26	1932 205 455 106 1932 197 1926 640 120 214	LEVER, shift Shift lever attaching PIN Shift lever SCREW Shift lever screw NUT Shift lever screw lock WASHER
27	1838 436	COLLAR, drive clutch
28	1947 542 37 521	CLUTCH ASSEMBLY, drive composed of: 1 Bushing 37 535 1 Bushing 37 522 1 Collar 1838 436 1 Lockwire 37 521 1 Spring 37 517 Drive clutch LOCKWIRE
29	37 535	BUSHING, oilless
30	1948 033	HOUSING, drive end (Includes BUSHING, 1862 283 - OILER, 114 998 and WICK, 803 694)
31	1862 283	BUSHING, drive end housing
32	809 593	PIN, drive end dowel
33	37 522	BUSHING, split steel
34	37 517	SPRING, drive clutch
35	1932 209	SPRING, plunger return spring assist
36	1867 899	COLLAR, drive end spacing
37	1881 771	WASHER, center bearing and motor drive brake
38	1939 111	RING, center bearing and drive retainer
39	1938 594 1904 370 1880 781	PLATE, center bearing (Includes BUSHING, 1938 596) Bearing plate attaching SCREW (2) Bearing plate attaching screw lock WASHER (2)

REF. NO.	PART NUMBER	DESCRIPTION
STARTING MOTOR (12 Volt)(Delco-Remy) - Cont (For Use On Tractors Prior to Serial No. #)		
40	1938 596	BUSHING, center bearing plate
41		FRAME, starting motor (*) (order 1108 659 - Starting Motor)
42	1886 923 132 926 120 614	BAND, w/NUT and SCREW No. 10-NF x 1-1/4" cad-pltd. slit-rd-hd. SCREW No. 10-NF cad-pltd. NUT
43	1935 235	COIL, field upper
44	1935 237	COIL, field lower
45	819 362 132 892 1106 497	LEAD, brush jumper No. 10-NF x 1/4" cad-pltd. slit-rd-hd. SCREW (2) No. 10 cad-pltd. lock WASHER (2)
46	1947 544	ARMATURE
47	1887 021 1881 869	SHOE, pole (4) Pole shoe SCREW (8)
48	818 265	WASHER, commutator end space
49	813 521	SPRING, brush (4)
50	809 062	PIN, commutator end dowel
51	1864 630	FRAME ASSEMBLY, commutator end composed of: 1 Bushing 1867 610 * 1 Frame 1 Oiler 114 998 2 Pin 817 313 2 Pin 817 314 2 Pin 812 016 2 Pin 812 015 1 Pin 809 062 1 Plug 810 819 1 Wick 802 694
52	1887 034 120 380	BOLT, starting motor through 1/4" cad-pltd. lock WASHER
	636 587 R1	SEAL, cranking motor (not part of cranking motor)(not illustrated)

* Not Serviced Separately
Information Not Available

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CRAWLER TRACTORS

ELECTRICAL



REF. NO	PART NUMBER	DESCRIPTION
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STARTING MOTOR (12 Volt)(Delco-Remy)
(For Use On Tractors With Serial No. # and up)

REF. NO	PART NUMBER	DESCRIPTION
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STARTING MOTOR (12 Volt)(Delco-Remy) - Cont
(For Use On Tractors With Serial No. # and up)



CRAWLER TRACTORS

ELECTRICAL



REF. NO.	PART NUMBER	DESCRIPTION
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STARTING MOTOR (12 Volt)(Delco-Remy) - Cont
(For Use On Tractors With Serial No. # and up)

REF. NO.	PART NUMBER	DESCRIPTION
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STARTING MOTOR (12 Volt)(Delco-Remy) - Cont
(For Use On Tractors With Serial No. # and up)

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Information Not Available

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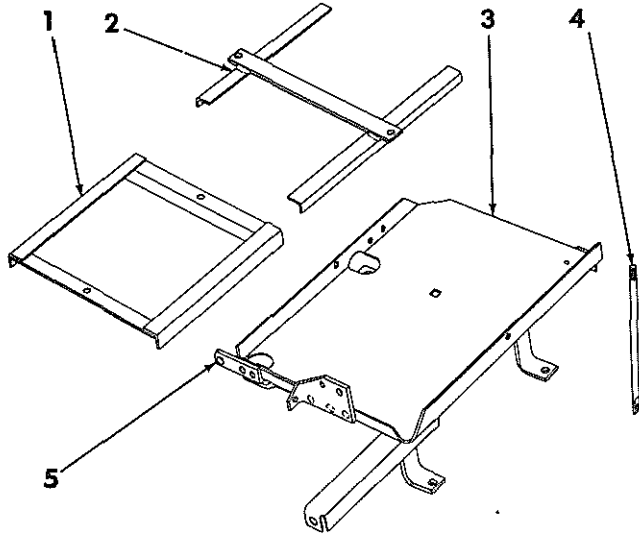


CRAWLER TRACTORS

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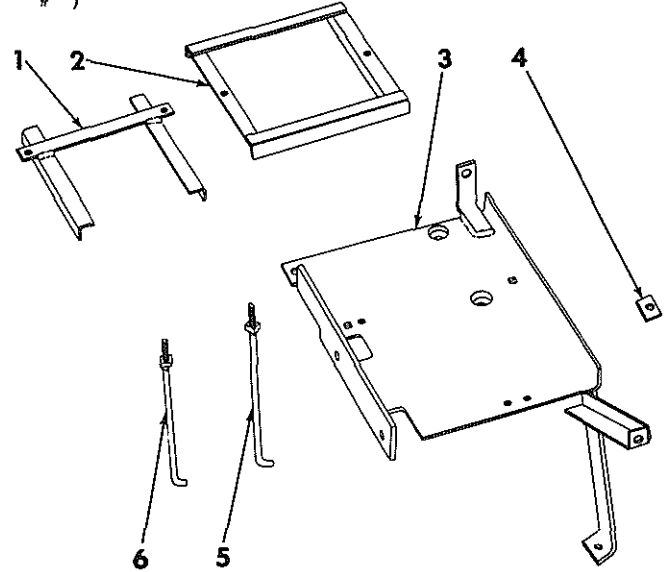
REF. NO.	PART NUMBER	DESCRIPTION
BATTERY TRAY (For Use On Diesel Engine Tractors Prior To Serial No. 1016) (For Use On Carbureted Engine Tractors Prior To Serial No. 2080)		



HA 4268

1	635 363 R91	CLAMP, battery (Carburated Engine) 5/16 x 8-1/2" carriage BOLT (2) 11/32 x 3/4 x 16 gauge WASHER (2) 5/16" hex. NUT (2)
2	635 366 R91	CLAMP, battery (Diesel Engine)
3	635 356 R92	TRAY, battery 3/8 x 1" hexagon BOLT (2) 13/32 x 3/4 x 16 gauge WASHER (2)
4	635 362 R1	BOLT, clamp hold down (2)(Diesel Engine) 1/4 x 9/16" hexagon BOLT (2) 1/4" hex. NUT (2) 5/16" wing NUT (2) 11/32 x 3/4 x 16 gauge WASHER (2) 1/4" lock WASHER (2)
5	635 330 R1	SUPPORT, throttle rockshaft left 3/16 x 1/2" button-hd. RIVET (2)

REF. NO.	PART NUMBER	DESCRIPTION
BATTERY TRAY (Diesel Engine Tractors With Serial No. 1016 Up To Serial No. #) (Carburated Engine Tractors With Serial No. 2080 Up To Serial No. #)		



HA 4488

1	635 927 R91	CLAMP, battery (Diesel Engine)
2	635 363 R91	CLAMP, battery (Carburated Engine)
3	635 914 R91	TRAY, battery 5/16 x 1-1/8" hexagon BOLT (2) 3/8 x 1-1/8" hexagon BOLT (2) (Carburated Engine) 3/8 x 1-1/4" hexagon BOLT (2) (Diesel Engine) 5/16" hex. NUT (2) 3/8" hex. NUT (2) 5/16" lock WASHER (2) 3/8" lock WASHER (2)
4	635 931 R1	SPACER, rear support bracket (2) 5/16 x 1-1/8" hexagon BOLT (2) 5/16" hex. NUT (2) 5/16" lock WASHER (2)
5	635 934 R11	BOLT, clamp hold down (2)(Carburated Engine) 5/16" hex. NUT (2) 5/16" lock WASHER (2)
6	635 935 R11	BOLT, clamp hold down (2)(Diesel Engine) 5/16" hex. NUT (2) 5/16" lock WASHER (2)



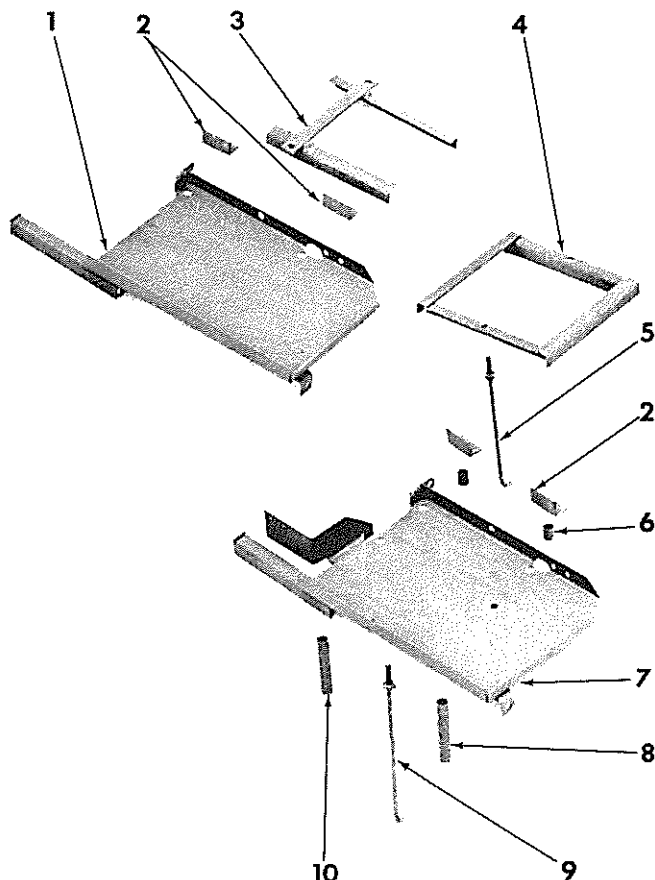
CRAWLER TRACTORS

ELECTRICAL



REF. NO.	PART NUMBER	DESCRIPTION
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BATTERY TRAY
(for use on tractors with serial no. # and up)



H 7033

1	636 560 R91	TRAY, battery (Diesel Engine) 5/16 x 4-3/4" hexagon BOLT (2) 3/8 x 1-3/4" hexagon BOLT (2) 5/16" lock WASHER (2) 3/8" lock WASHER (2)
2	636 594 R1	ANGLE, battery locating (3 Carbured and 4 Diesel Engine)
3	635 927 R91	CLAMP, battery (Diesel Engine)
4	635 363 R91	CLAMP, battery (Carburated Engine)
5	636 552 R11	BOLT, battery hold down front (Carburated Engine) 5/16" hex. NUT 5/16" lock WASHER
5	636 559 R11	BOLT, battery hold down front (Diesel Engine) 5/16" hex. NUT 5/16" lock WASHER
6	P 23248	SPACER, tray support front (2) 3/8 x 1-3/4" hexagon BOLT (2) 3/8" lock WASHER (2)

REF. NO.	PART NUMBER	DESCRIPTION
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BATTERY TRAY - Cont
(for use on tractors with serial no. # and up)

7	636 542 R91	TRAY, battery (Carburated Engine) 5/16 x 4-1/2" hexagon BOLT 5/16 x 4-3/4" hexagon BOLT 3/8 x 1-3/4" hexagon BOLT (2) 5/16" lock WASHER (2) 3/8" lock WASHER (2)
8	636 845 R1	SPACER, tray support rear right 5/16 x 4-3/4" hexagon BOLT 5/16" lock WASHER
9	635 934 R11	BOLT, battery hold down rear (Carburated Engine) 5/16" hex. NUT 5/16" lock WASHER
9	635 935 R11	BOLT, battery hold down rear (Diesel Engine) 5/16" hex. NUT 5/16" lock WASHER
10	580 883 R1	SPACER, tray support rear left 5/16 x 4-1/2" hexagon BOLT 5/16" lock WASHER

* Not Serviced Separately
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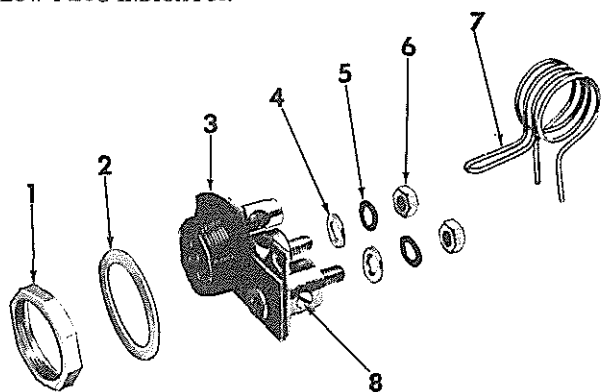
CRAWLER TRACTORS

ELECTRICAL



REF. NO.	PART NUMBER	DESCRIPTION
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GLOW PLUG INDICATOR



H 6123

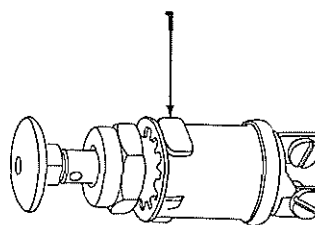
703 557 R91	INDICATOR, glow plug (optional to use 706 685 R92 - glow plug indicator)
	composed of:
* 1	Body
1	Coil
2	Lockwasher
2	Lockwasher
1	Nut
2	Nut
3	Screw
1	Washer
	709 467 R1
	3043 503 R1
	3043 502 R1
	3043 500 R1
	3043 504 R1
	3043 505 R1
	3043 501 R1

706 685 R92	INDICATOR, glow plug (optional to use 703 557 R91 - glow plug indicator) (parts not illustrated)
	composed of:
* 1	Body
1	Coil
2	Nut
1	Nut
2	Screw
2	Washer
2	Washer
1	Washer
	3043 619 R1
	707 483 R1
	707 486 R1
	707 487 R1
	707 484 R1
	705 829 R1
	707 499 R1

1	3043 500 R1	NUT, indicator mounting
2	3043 501 R1	WASHER, mounting nut
3		BODY, glow plug indicator (*) (order 1 - 703 557 R91 or 1 - 706 685 R92 - Indicator)
4	3043 502 R1	WASHER, coil fixing lock (2)
5	3043 503 R1	WASHER, coil fixing lock (2)
6	3043 504 R1	NUT, coil fixing hex (2)
7	709 467 R1	COIL, indicator resistance
8	3043 505 R1	SCREW, indicator grub (3)

REF. NO.	PART NUMBER	DESCRIPTION
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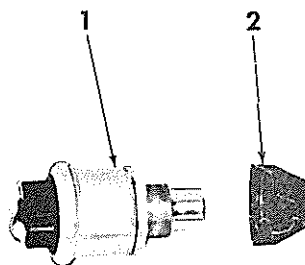
IGNITION SWITCH (For Use On Tractors Prior To Serial No. 3088)



H 4486

1	62 801 DC	SWITCH, battery ignition
		composed of:
	* 1	Knob
	* 1	Nut
	1	Screw
	1	Screw
	* 1	Switch
	1	Washer
	1	Washer
		120 217
		64 022 H
		138 553
		121 841
		9/32 x 1-1/4 x 11 gauge plain WASHER

STARTING AND GLOW PLUG SWITCH (On Tractors With Serial No. 3088 and up)



H 4987

1	373 611 R91	SWITCH, starting and glow plug
2	371 487 R1	CAP, starting switch grey
2	373 612 R1	CAP, glow plug switch red



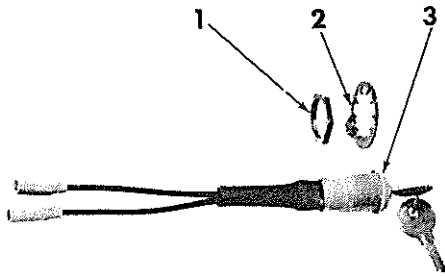
CRAWLER TRACTORS

ELECTRICAL



REF. NO.	PART NUMBER	DESCRIPTION
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KEY LOCK SWITCH (On Tractors With Serial No. 3088 and up)

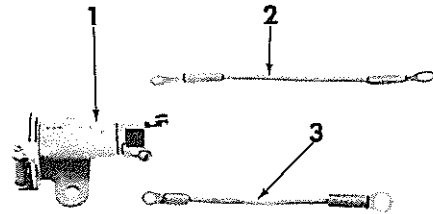


H 7053

1	365 502 R1	NUT, switch mounting
2	125 793	WASHER, 13/16" internal-tooth cad-pltd. switch lock
3	636 365 R91	SWITCH, key lock (Includes 2 KEYS)(does NOT include mounting nut and washer)

REF. NO.	PART NUMBER	DESCRIPTION
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ELECTRIC BREAKAWAY CONNECTOR



HA 5777

1	362 002 R92	SOCKET, break-away connector 1/4 x 3/4" rd-hd. mach. BOLT (2) 1/4" hex. NUT (2) 1/4" lock WASHER (2)
2	635 531 R91	CABLE, socket to tail light
3	54 578 R11	CABLE, socket to ground
	636 320 R91	PARTS ACCESSORY, break-away connector (composed of all parts listed above)



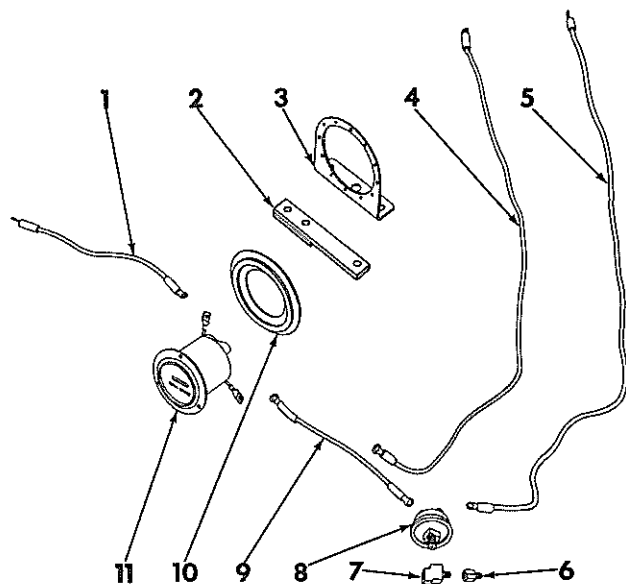
CRAWLER TRACTORS

ELECTRICAL



REF. NO.	PART NUMBER	DESCRIPTION
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HOURLMETER AND RELATED PARTS



HA 4511

- NOTE "A" For use on tractors up to serial No. 501 to 2347, 2349 to 2763, 2765 to 2962, 2964, 2966, 2968, 2969, 2971, 2975 to 2997, 2999 to 3020, 3027 to 3041, 3043 to 3045, 3051 to 3060, 3064 to 3070, 3074, 3077 to 3137, 3139 to 3149.
- NOTE "B" For use on tractors with serial No. 2348, 2764, 2963, 2965, 2967, 2970, 2972 to 2974, 2998, 3021 to 3026, 3042, 3046 to 3050, 3061 to 3063, 3071 to 3073, 3075, 3076, 3138, 3150 and up.

1	267 807 R91	CABLE, hourmeter to ground
2	636 368 R11	BRACKET, heat shield support 1/4 x 5/8" hexagon BOLT 1/4" hex. NUT 1/4" lock WASHER
3	635 936 R1	BRACKET, hourmeter support 1/4 x 1-1/8" hexagon BOLT (2) 1/4" hex. NUT (2) 1/4" lock WASHER (2)
4	635 903 R91	CABLE, hourmeter to ignition switch (Carburated Engine)(Note "A")
4	636 370 R91	CABLE, hourmeter to ignition switch (Carburated Engine)(Note "B")
5	86 878 HY	CABLE, pressure switch to voltage regulator (Diesel Engine)
6	443 998	ADAPTOR, 1/8" pipe crankcase tee (Diesel Engine)
7	444 146	TEE, 1/8" pipe crankcase (Diesel Engine)

REF. NO.	PART NUMBER	DESCRIPTION
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HOURLMETER AND RELATED PARTS - Cont

8	132 244 R91	SWITCH, pressure (Diesel Engine) (optional to use 277 748 R91 - Switch)
8	277 748 R91	SWITCH, pressure (Diesel Engine) (optional to use 132 244 R91 - Switch)
9	635 903 R91	CABLE, hourmeter to pressure switch (Diesel Engine)(Note "A")
9	636 370 R91	CABLE, hourmeter to pressure switch (Diesel Engine)(Note "B")
10	356 737 R91	DAMPER, hourmeter vibration No. 6 x 5/16" slt-rd-hd. cad-pltd. SCREW (3) No. 6 lock WASHER (3)
11	324 572 R91	HOURLMETER, No. 6 x 5/16" slt-rd-hd. cad-pltd. SCREW (3) No. 6 lock WASHER (3)
	119 702 R1	CLIP, hourmeter cable heat shield (Diesel Engine)(not illustrated)
	105 244	CLIP, hourmeter cable support bracket (Diesel Engine)(not illustrated)
	636 179 R91	PARTS ACCESSORY, electric hourmeter (Carburated Engine) composed of:
		2 Bolt 179 798
		1 Bracket 635 936 R1
		1 Bracket 636 368 R11
		1 Cable 267 807 R91
		1 Cable 636 370 R91
		1 Damper 356 737 R91
		1 Hourmeter 324 572 R91
		6 Lockwasher 131 044
		2 Lockwasher 103 319
		6 Screw 121 839
		2 Nut 109 084
	636 180 R91	PARTS ACCESSORY, electric hourmeter (Diesel Engine) composed of:
		1 Adaptor 443 998
		2 Bolt 179 798
		1 Bracket 635 936 R1
		1 Bracket 636 368 R11
		1 Cable 86 878 HY
		1 Cable 267 807 R91
		1 Cable 636 370 R91
		1 Clip 105 244
		1 Clip 119 702 R1
		1 Damper 356 737 R91
		1 Hourmeter 324 572 R91
		6 Lockwasher 131 044
		2 Lockwasher 103 319
		6 Screw 121 839
		1 Switch 132 244 R91
		or
		1 Tee 277 748 R91
		2 Nut 444 146
		109 084

* Not Serviced Separately

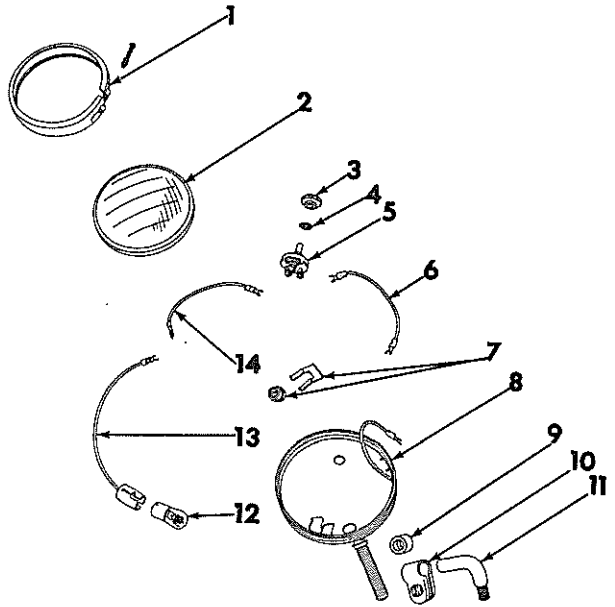
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CRAWLER TRACTORS

ELECTRICAL



REF. NO	PART NUMBER	DESCRIPTION
COMBINATION WORK AND TAIL LIGHT (6 Volt and 12 Volt)		
		
HA 4153		
	373 305 R91	LIGHT ASSEMBLY, work and tail (6 volt) (optional to use 375 649 R91 - Light) (composed of items reference no's 1, 2, 5, 6, 7, 8, 12, 13 and 14) 1/2" hex. NUT 1/2" lock WASHER
	373 306 R91	LIGHT ASSEMBLY, work and tail (12 volt) (optional to use 375 650 R91 - Light) (composed of items reference no's 1, 2, 5, 6, 7, 8, 12, 13 and 14) 1/2" hex. NUT 1/2" lock WASHER
	375 649 R91	LIGHT ASSEMBLY, work and tail (6 volt) (optional to use 373 305 R91 - Light) (composed of items reference no's 2, and all items under parts not illustrated)
	375 650 R91	LIGHT ASSEMBLY, work and tail (12 volt) (optional to use 373 306 R91 - Light) (composed of items reference no's 2, and all items under parts not illustrated)
1	371 450 R91	MOULDING, sealed beam (Includes NUT, 365 697 R1 - SCREW, 132 489 and WASHER 121 841)
	365 697 R1	No. 8 special hex. NUT No. 8 x 1-1/4" slt-fil-hd. SCREW No. 8 lock WASHER
2	371 458 R91	SEALED BEAM UNIT (6 volt)
2	371 461 R91	SEALED BEAM UNIT (12 volt)
3	373 309 R1	KNOB, light switch

REF. NO	PART NUMBER	DESCRIPTION
COMBINATION WORK AND TAIL LIGHT - Cont (6 Volt and 12 Volt)		
4	355 425 R1	NUT, light switch tightener
5	373 308 R91	SWITCH, light (Includes KNOB, 373 309 R1 and NUT, 355 425 R1)
6	373 311 R91	CABLE, switch to block
7	365 664 R91	BLOCK, terminal spring clip
8		BODY, sealed beam (*) (order 373 305 R91 or 375 649 R91 - 6 volt Light or 373 306 R91 or 375 650 R91 - 12 volt Light) 1/2" hex. NUT 1/2" lock WASHER
9	49 069 D	SPACER, tail light
10	350 920 R1	CLAMP, tail light
11	635 519 R1	BRACKET, tail light 5/8" hex. NUT 5/8" lock WASHER
12	454 493	BULB, work light (6 volt)
12	455 490	BULB, work light (12 volt)
13	373 310 R91	CABLE, switch to socket
14	373 311 R91	CABLE, switch to beam unit
		PARTS NOT ILLUSTRATED
	359 773 R91	KNOB, switch
	371 451 R91	MOULDING W/SCREW, sealed beam
	53 526 D	Moulding assembly SCREW
	68 417 D	PACKAGE, terminal plate
	79 407 H	PLATE, terminal
	121 749	SCREW, terminal plate (2)
	79 408 H	SPRING, terminal retaining
	375 653 R91	SWITCH, light
	138 530	WASHER, terminal (2)
	375 654 R91	WIRE, tail light socket to switch
	375 655 R91	WIRE, switch to terminal plate
	375 656 R91	WIRE, switch to sealed beam unit

* Not Serviced Separately

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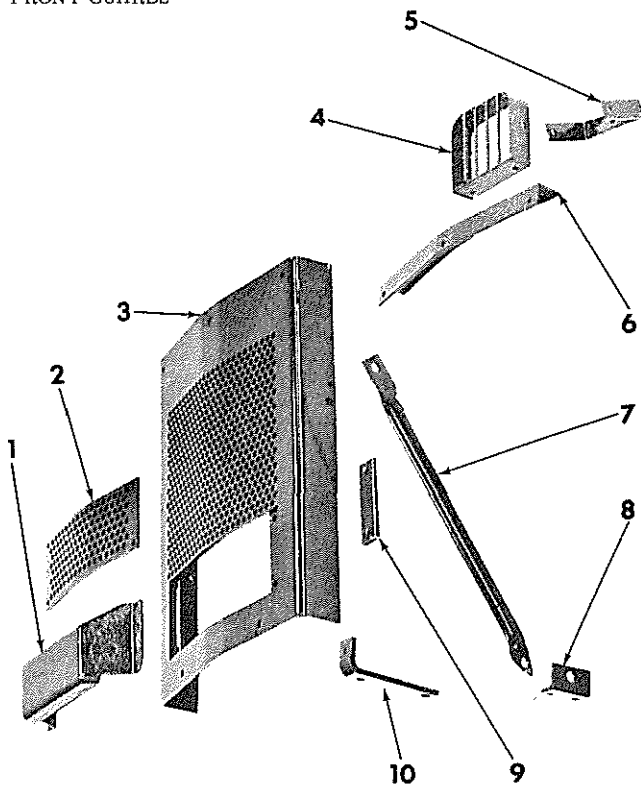


CRAWLER TRACTORS

SHEET METAL, GRILLE,
FRONT GUARDS

REF. NO.	PART NUMBER	DESCRIPTION
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FRONT GUARDS



H 4460

1	636 161 R2	GUARD, power take-off pump (for use on tractors equipped with front power take-off driven hydraulic pump) 3/8 x 1-1/4" hexagon BOLT (4) 3/8" lock WASHER (4)
2	635 664 R1	COVER, power take-off opening (for use on tractors NOT equipped with front power take-off driven hydraulic pump) 3/8 x 3/4" hexagon BOLT (4) 3/8" lock WASHER (4)
3	635 662 R11 636 556 R1	GUARD, radiator 1/2 x 7/8" hexagon BOLT (2) 5/8 x 1-1/4" special carriage BOLT (2) 5/8" hex. NUT (2) 1/2" lock WASHER (2) 5/8" lock WASHER (2)
4	635 672 R91	GUARD, headlight (2) 3/8 x 1" hex. BOLT (2) 3/8" lock WASHER (2) 3/8" NUT (2)
5	635 676 R1	BRACKET, headlight pivot (2) 3/8 - NF x 5/8" hex. BOLT (2) 3/8" lock WASHER (2)
6	635 668 R1	STIFFENER, radiator guard 3/8 x 1-1/8" hex. BOLT (3) 3/8" lock WASHER (3) 3/8" NUT (3)

REF. NO.	PART NUMBER	DESCRIPTION
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FRONT GUARDS - Continued

7	635 670 R1 636 556 R1	STAY, radiator guard (2) 5/8 x 1-1/4" special carriage BOLT (4) 5/8" hex. NUT (4) 5/8" lock WASHER (4)
8	635 669 R1	ANGLE, guard stay support (2) 3/8 x 1-1/8" hex. BOLT (2) 3/8" lock WASHER (2) 3/8" NUT (2)
9	636 005 R1	SPACER, pump guard (for use on tractors equipped with front power take-off driven hydraulic pump)
10	635 666 R1	BRACKET, radiator guard support left 1/2 x 1-7/8" hex. BOLT (2) 17/32 x 1-1/4 x 11 gauge WASHER (4) 1/2" lock WASHER (2)
10	635 667 R1	BRACKET, radiator guard support right 1/2 x 1-7/8" hex. BOLT (2) 17/32 x 1-1/4 x 11 gauge WASHER (4) 1/2" lock WASHER (2)
	636 249 R91	PARTS ACCESSORY, radiator guard Composed of: 2 Angle 635 669 R1 4 Bolt 179 841 2 Bolt 179 880 4 Bolt 179 888 7 Bolt w/nut 179 840 4 Bolt 636 556 R1 1 Bracket 635 666 R1 1 Bracket 635 667 R1 1 Guard 636 161 R1 1 Guard 635 662 R11 11 Lockwasher 103 321 6 Lockwasher 103 323 4 Lockwasher 103 325 2 Spacer 636 005 R1 2 Stay 635 670 R1 1 Stiffener 635 668 R1 8 Washer PO 10 535 4 Nut 102 639

636 250 R91	PARTS ACCESSORY, headlight guard Composed of: 2 Guard 635 672 R91 2 Bracket 635 676 R1 2 Bolt 179 839 2 Bolt 181 356 4 Lockwasher 103 321 2 Nut 102 635
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CRAWLER TRACTORS

SHEET METAL, GRILLE,
FRONT GUARDS



REF. NO.	PART NUMBER	DESCRIPTION
SHEET METAL AND GRILLE (Not Low Profile)		
1	368 523 R4	EMBLEM, I. H. hood No. 10 x 5/16" slt-rd-hd. SCREW (2) No. 10 lock WASHER (2)
2	369 955 R1	CAP, radiator grille left
2	369 956 R1	CAP, radiator grille right
	9404 121	No. 4 x 1/4" slt-pan-hd. tapping SCREW (2)
3	369 260 R1	GRILLE, hood
	369 917 R1	1/4 x 5/8" cad-pltd. hex-washer-hd. SCREW (3) 1/4" lock WASHER (3)
4	369 256 R11	HOUSING, hood grille (Includes NUTS, 363 885 R91)
	363 885 R91	5/16" special floating-cage NUT (4) 5/16 x 5/8" hexagon BOLT (3) 5/16" hex. NUT (3) 11/32 x 3/4 x 16 gauge WASHER (3) 5/16" lock WASHER (3)
5	635 410 R91	SUPPORT, hood grille housing 5/16 x 5/8" hexagon BOLT (3) 3/8 x 1-3/4" cad-pltd. hexagon BOLT (4)(Carburated) 3/8 x 1-3/4" cad-pltd. hexagon BOLT (3)(Diesel) 3/8 x 1-7/8" cad-pltd. hexagon BOLT (Diesel) 11/32 x 3/4 x 16 gauge WASHER (3) 5/16" lock WASHER (3) 3/8" lock WASHER (4) 3/8" hex. NUT (8)
6	369 180 R1	ORNAMENT, hood No. 10 x 7/16" hex-hd. SCREW (2) No. 10 external-tooth lock WASHER (2)
7	635 402 R1	HOOD, engine (Carburated Engine)
7	635 403 R1	HOOD, engine (Diesel Engine)

H 4269

REF. NO.	PART NUMBER	DESCRIPTION
SHEET METAL AND GRILLE (Not Low Profile) - Cont		
8	635 420 R1	BRACKET, hood catch (4)
	369 916 R2	No. 10 x 7/16" cad-pltd. hex-washer-hd. SCREW (8) No. 10 hex. NUT (8) No. 10 lock WASHER (8)
9	635 419 R91	CATCH, hood (4)
	369 916 R2	No. 10 x 7/16" cad-pltd. hex-washer-hd. SCREW (8) No. 10 hex. NUT (8) No. 10 lock WASHER (8)
10	635 406 R1	CLIP, side sheet support (2) 3/8 x 5/8" cad-pltd. hexagon BOLT (2) 3/8" hex. NUT (2) 3/8" lock WASHER (2)
11	635 404 R1	SHEET, hood side left
11	635 405 R1	SHEET, hood side right 3/8 x 5/8" cad-pltd. hexagon BOLT (6) 3/8" hex. NUT (6) 13/32 x 3/4 x 16 gauge WASHER (2) 13/32 x 13/16 x 16 gauge cad-pltd. WASHER (6)
12	635 407 R1	ANGLE, side sheet support (2) 5/16 x 5/8" hexagon BOLT (2)(Carburated Engine) 5/16 x 5/8" hexagon BOLT (right side) (Diesel Engine) 5/16 x 3/4" hexagon BOLT (left side) (Diesel Engine) 5/16" NUT (2) 5/16" lock WASHER (2)
13	369 059 R1	PLATE, "International" name (2)
	370 786 R1	Tubular clip FASTENER (12)
14	635 408 R21	SHEET, radiator grille left side
14	635 409 R21	SHEET, radiator grille right side 3/8 x 1/2" cad-pltd. hexagon BOLT (4) 3/8 x 1-3/4" cad-pltd. hexagon BOLT (4)(Carburated Engine) 3/8 x 1-3/4" cad-pltd. hexagon BOLT (4)(Diesel Engine) 3/8 x 1-7/8" cad-pltd. hexagon BOLT (Diesel Engine) 3/8" hex. NUT (8) 13/32 x 13/16 x 16 gauge cad-pltd. WASHER (8) 3/8" lock WASHER (8)
15	SA 2516	SPACER, grille support housing (4)
16	368 720 R1	SCREEN, radiator grille
17	368 175 R1	BUMPER, radiator grille flange (4)
18	368 718 R11	GRILLE, radiator
	372 784 R1	1/4 x 3/4" hex-washer-hd. cad-pltd. SCREW (2)
	369 866 R1	1/4" quick-release fastener NUT (2)

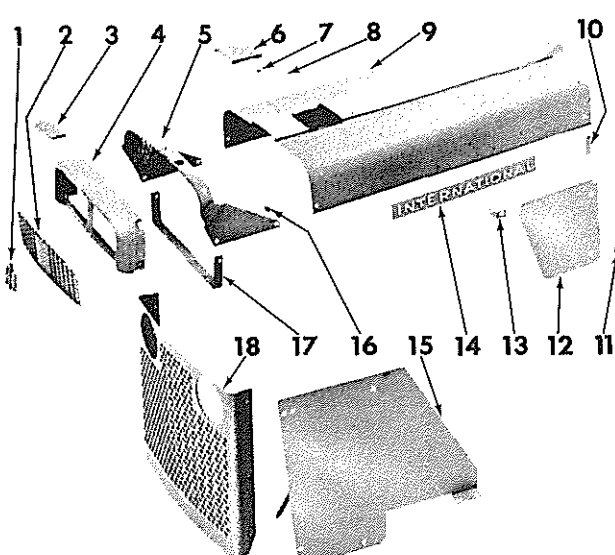
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CRAWLER TRACTORS

SHEET METAL, GRILLE,
FRONT GUARDS

REF. NO.	PART NUMBER	DESCRIPTION
SHEET METAL AND GRILLE (Low Profile)		
		
		H 5741
1	368 523 R4	EMBLEM, I. H. hood No. 10 x 5/16" slt-rd-hd. SCREW (2) No. 10 lock WASHER (2)
2	369 260 R1 369 917 R1	GRILLE, hood 1/4 x 5/8" cad-pltd. hex-washer-hd. hexagon BOLT (3) 1/4" lock WASHER (3)
3	636 073 R1	ORNAMENT, hood No. 10 x 7/16" hex-hd. SCREW (2) No. 10 external-tooth lock WASHER (2)
4	636 086 R91 363 885 R91	HOUSING, hood grille (Includes NUTS, 363 885 R91) 5/16" special floating-cage NUT (2) 5/16 x 5/8" hex. BOLT (3) 5/16" lock WASHER (3) 5/16" hex. NUT (3)
5	635 410 R91	SUPPORT, hood grille housing 5/16 x 5/8" hexagon BOLT (3) 3/8 x 1-3/4" cad-pltd. hexagon BOLT (4)(Carburated Engine) 3/8 x 1-3/4" cad-pltd. hexagon BOLT (3)(Diesel Engine) 3/8 x 1-7/8" cad-pltd. hexagon BOLT (Diesel Engine) 5/16" hex. NUT (3) 3/8" hex. NUT (4) 11/32 x 3/4 x 16 gauge WASHER (3) 5/16" lock WASHER (3) 3/8" lock WASHER (4)
6	636 075 R11	COVER, radiator cap
7	636 077 R1	SPRING, radiator cap cover
8	636 074 R1	PIN, radiator cap cover hinge 1/16 x 1/2" cotter PIN (2)
9	636 078 R11 369 222 R1	HOOD, engine 5/16 x 5/8" cad-pltd. hex-washer-hd. hexagon BOLT (4)

REF. NO.	PART NUMBER	DESCRIPTION
SHEET METAL AND GRILLE (Low Profile) - Cont		
10	636 087 R11	CLIP, hood side sheet support (on tractors prior to Serial No. 3681 Diesel - No. 3679 Carburated) 3/8 x 7/8" cad-pltd. hexagon BOLT 3/8" hex. NUT 3/8" lock WASHER
10	636 673 R11	CLIP, hood side sheet retaining left (on tractors Serial No. 3681 and up Diesel - No. 3679 and up Carburated) 3/8 x 7/8" cad-pltd. hexagon BOLT 3/8" hex. NUT 3/8" lock WASHER
10	636 674 R11	CLIP, hood side sheet retaining, right (on tractors Serial No. 3681 and up Diesel - No. 3679 and up Carburated) 3/8 x 7/8" cad-pltd. hexagon BOLT 3/8" hex. NUT 3/8" lock WASHER
11	635 406 R1	CLIP, side sheet support (2) 3/8 x 5/8" hexagon BOLT (2) 3/8" hex. NUT (2) 3/8" lock WASHER (2)
12	635 404 R1	SHEET, hood side left
12	635 405 R1	SHEET, hood side right 3/8 x 5/8" cad-pltd. hexagon BOLT (4) 3/8 x 7/8" cad-pltd. hexagon BOLT (2) 3/8" hex. NUT (6) 13/32 x 13/16 x 16 gauge cad-pltd. WASHER (6) 13/32 x 3/4 x 16 gauge WASHER (6) 3/8" lock WASHER (6)
13	635 407 R1	ANGLE, side sheet support (2) 5/16 x 5/8" hexagon BOLT (2) (Carburated Engine) 5/16 x 5/8" hexagon BOLT (right side) (Diesel Engine) 5/16 x 3/4" hexagon BOLT (left side) (Diesel Engine) 5/16" hex. NUT (2) 5/16" lock WASHER (2)
14	369 059 R1 370 786 R1	PLATE, "International" name (2) Tubular clip FASTENER (12)
15	636 084 R2	SHEET, radiator grille left
15	636 085 R2	SHEET, radiator grille right 3/8 x 1/2" cad-pltd. hexagon BOLT (4) 3/8 x 7/8" cad-pltd. hexagon BOLT (6) 3/8 x 7/8" hexagon BOLT (4) 3/8 x 1-3/4" cad-pltd. hexagon BOLT (4) 3/8" hex. NUT (8) 13/32 x 13/16 x 16 gauge cad-pltd. WASHER (14) 3/8" lock WASHER (14)
16	SA 2516	SPACER, grille housing support (4)
17	636 122 R1	BRACKET, head light 3/8 x 7/8" cad-pltd. hexagon BOLT (2) 3/8" lock WASHER (2)
18	636 082 R11	GRILLE, radiator 3/8 x 7/8" cad-pltd. hexagon BOLT (6) 3/8" lock WASHER (6)

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CRAWLER TRACTORS

SHEET METAL, GRILLE,
FRONT GUARDS

REF. NO.	PART NUMBER	DESCRIPTION
HEAT SHIELD		
		HB 4271
1	635 417 R2	BRACKET, heat shield support 3/8 x 7/8" hexagon BOLT 3/8" hex. NUT 13/32 x 3/4 x 16 gauge WASHER 3/8" lock WASHER
2	635 416 R1 113 357	BEADING, heat shield (2) 3/16 x 1/2" oval-hd. tubular RIVET (8) 13/64 x 1/2 x 16 gauge WASHER (8)
3	635 415 R1 113 355	SHEET, heat shield asbestos 3/16 x 3/8" oval-hd. tubular RIVET (7)
4	635 414 R21	SHIELD ASSEMBLY, heat composed of: 2 Beading 635 416 R1 1 Bolt 179 793 1 Lockwasher 103 319 1 Nut 109 084 7 Rivet 113 355 8 Rivet 113 357 1 Sheet 635 415 R1 * 1 Shield 8 Washer 615 002 R1 3/8 x 1-1/8" hexagon BOLT (2) (Carburated Engine) 3/8 x 1-1/4" hexagon BOLT (2) (Diesel Engine) 3/8" hex. NUT (2)(Carburated Engine) 3/8" lock WASHER (3)
5	635 418 R2	PLATE, heat shield support (Carburated Engine) 3/8" x 1-1/8" hexagon BOLT (2) 3/8" lock WASHER (4)

REF. NO.	PART NUMBER	DESCRIPTION
FENDER AND SIDE MEMBER		
		HB 4269
1	635 260 R1	BRACKET, fender front (2) 7/16 x 1-3/8" hexagon BOLT (2) 7/16" hex. NUT (2) 7/16" lock WASHER (2)
2	635 262 R1	FENDER, left 3/8 x 1-1/4" step BOLT (4) 3/8" hex. NUT (4) 3/8" lock WASHER (4)
2	635 263 R1	FENDER, right 3/8 x 1-1/4" step BOLT (4) 3/8" hex. NUT (4) 3/8" lock WASHER (4)
3	635 261 R1	BRACKET, fender rear (2) 1/2 x 1-1/4" hexagon BOLT (4) 1/2" lock WASHER (4)
4	635 264 R1	MEMBER, fender side left 1/4 x 5/8" hexagon BOLT (4) 5/16 x 3/4" hexagon BOLT (3) 1/4" hex. NUT (4) 11/32 x 7/8 x 16 gauge WASHER (3) 1/4" lock WASHER (4) 5/16" lock WASHER (3)
4	635 265 R1	MEMBER, fender side right 1/4 x 5/8" hexagon BOLT (4) 5/16 x 3/4" hexagon BOLT (3) 1/4" hex. NUT (4) 11/32 x 7/8 x 16 gauge WASHER (3) 1/4" lock WASHER (4) 5/16" lock WASHER (3)

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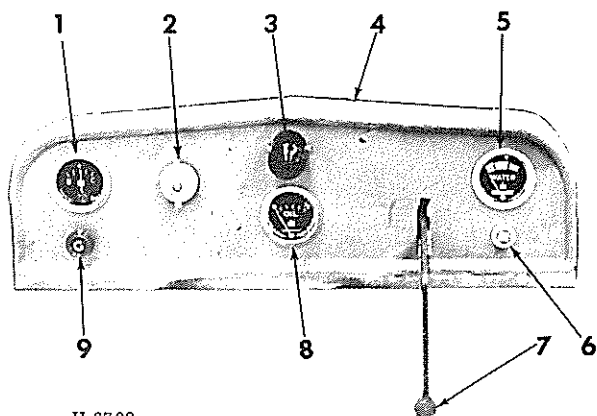
CRAWLER TRACTORS

ENGINE CONTROLS, INSTRUMENTS AND PANEL



REF. NO.	PART NUMBER	DESCRIPTION
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INSTRUMENT PANEL (Carburated Engine)

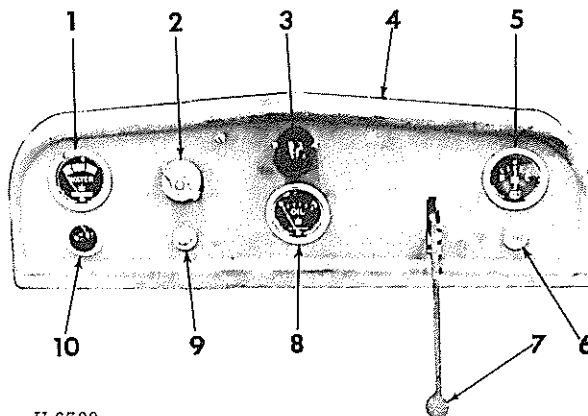


H 6708

- | | | |
|---|-------------|---|
| 1 | 360 053 R92 | AMMETER |
| 2 | 371 464 R91 | SWITCH, 6 volt lighting |
| 3 | | LIGHT, instrument (Refer to "INSTRUMENT LIGHT") |
| 4 | 635 335 R11 | PANEL, instrument (tractors prior to serial No. 3088) |
| | 114 736 | No. 14 x 5/8" slt-rd-hd. cad-pltd. tapping SCREW (4) |
| | 445 449 | No. 14 tapping screw spring NUT (4) |
| 4 | 636 140 R11 | PANEL, instrument (tractors with serial No. 3088 and up) |
| | 114 736 | No. 14 x 5/8" slt-rd-hd. cad-pltd. tapping SCREW (4) |
| | 445 449 | No. 14 tapping screw spring NUT (4) |
| 5 | | INDICATOR, heat (Refer to "HEAT INDICATOR") |
| 6 | 373 611 R91 | SWITCH, starting (tractors with serial No. 3088 and up) |
| | 371 487 R1 | Starting switch CAP (grey) |
| 7 | 635 320 R2 | LEVER, throttle control |
| | | 5/16 x 3/4" std-hd. dld. PIN |
| | | 9/32 x 5/8 x 16 gauge WASHER (2) |
| | | 1/8 x 3/4" cotter PIN |
| 8 | 362 039 R92 | GAUGE, oil pressure |
| 9 | 610 989 R91 | CABLE w/knob, choke |
| | 119 702 R91 | CLIP, choke cable (not illustrated) |
| | 62 801 DC | SWITCH, battery ignition (not illustrated) (tractors prior to serial No. 3088)(Refer to "IGNITION SWITCH") |
| | | BUTTON, starter (not illustrated)(tractors prior to serial No. 3088) (Refer to "PUSH BUTTON STARTING SWITCH") |

REF. NO.	PART NUMBER	DESCRIPTION
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INSTRUMENT PANEL (Diesel Engine)



H 6709

- | | | |
|----|-------------|---|
| 1 | | INDICATOR, heat (Refer to "HEAT INDICATOR") |
| 2 | 371 465 R91 | SWITCH, 12 volt lighting |
| 3 | | LIGHT, instrument (Refer to "INSTRUMENT LIGHT") |
| 4 | 635 336 R11 | PANEL, instrument (tractors prior to serial No. 3088) |
| | 114 736 | No. 14 x 5/8" slt-rd-hd. cad-pltd. tapping SCREW (4) |
| | 445 449 | No. 14 tapping screw spring NUT (4) |
| 4 | 636 141 R11 | PANEL, instrument (tractors with serial No. 3088 and up) |
| | 114 736 | No. 14 x 5/8" slt-rd-hd. cad-pltd. tapping SCREW (4) |
| | 445 449 | No. 14 tapping screw spring NUT (4) |
| 5 | | AMMETER |
| 6 | 373 611 R91 | SWITCH, starting (tractors with serial No. 3088 and up) |
| | 371 487 R1 | Starting switch CAP (grey) |
| 7 | 635 320 R2 | LEVER, throttle control |
| | | 5/16 x 3/4" std-hd. dld. PIN |
| | | 9/32 x 5/8 x 16 gauge WASHER (2) |
| | | 1/8 x 3/4" cotter PIN |
| 8 | 362 039 R92 | GAUGE, oil pressure |
| 9 | 373 611 R91 | SWITCH, glow plug |
| | 373 612 R1 | Glow plug switch CAP (Red) |
| 10 | | INDICATOR, glow plug (optional to use 706 685 R92 - Indicator) (Refer to "GLOW PLUG INDICATOR") |
| | | BUTTON, starter (not illustrated)(tractors prior to serial No. 3088) (Refer to "PUSH BUTTON STARTING SWITCH") |



CRAWLER TRACTORS

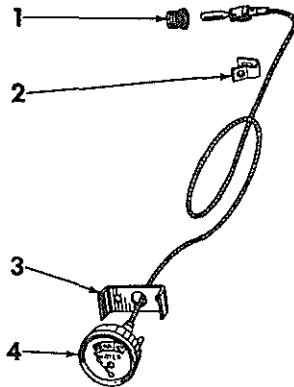
ENGINE CONTROLS, INSTRUMENTS
AND PANEL



REF. NO.	PART NUMBER	DESCRIPTION
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REF. NO.	PART NUMBER	DESCRIPTION
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HEAT INDICATOR



HA 2919

- | | | |
|---|-------------|--|
| 1 | 51 510 D | BUSHING, indicator reducing |
| 2 | 140 776 | CLIP, indicator cable (not included as part of Heat Indicator) |
| 3 | | CLAMP, heat indicator (*) (order 272 122 R91 Indicator) |
| | 103 089 | No. 12 hex. NUT (2) |
| | 125 750 | No. 12 external-tooth lock WASHER (2) |
| 4 | 272 122 R91 | INDICATOR, heat (Includes BUSHING, 51 510 D; NUTS, 103 089 and WASHERS, 125 750) |



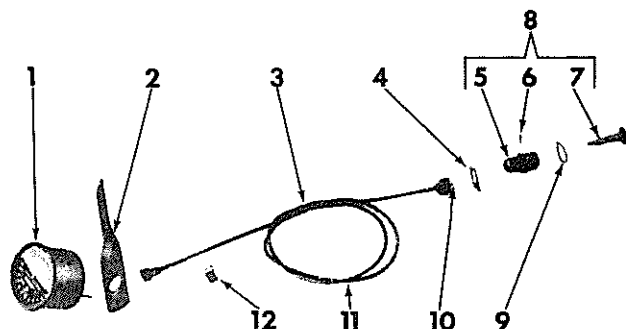
CRAWLER TRACTORS

ENGINE CONTROLS, INSTRUMENTS AND PANELS



REF. NO.	PART NUMBER	DESCRIPTION
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TACHOMETER (Carburated Engine)
(Low Profile only when equipped with hydraulics)

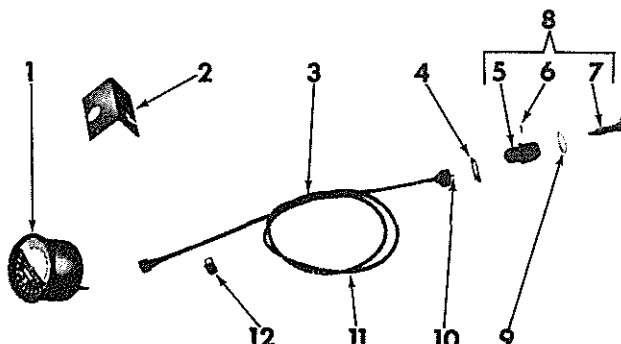


H 5756

1	636 174 R91	TACHOMETER, No. 10 cad-pltd. hex. NUT (2) No. 10 cad-pltd. lock WASHER (2)
2	636 173 R1	BRACKET, tachometer mounting 3/8 x 3/4" hexagon BOLT 3/8 x 2-3/4" hexagon BOLT 3/8" hex. NUT (2) 3/8" lock WASHER (2)
3	138 488 R91	CABLE, tachometer (Includes CASING, 137 487 R91 and CORE, 138 486 R91)
4	363 817 R1	PLATE, tachometer housing No. 10 x 9/16" cad-pltd. rd-hd. SCREW (2) No. 10 cad-pltd. lock WASHER (2)
5	369 692 R1	HOUSING, tachometer connection
6	369 693 R1	RETAINER, drive gear
7	369 695 R91	GEAR, tachometer drive
8	369 694 R91	PACKAGE, tachometer drive service (Includes GEAR, 369 695 R91; RETAINER, 369 693 R1 and HOUSING, 369 692 R1)
9	363 814 R1	GASKET, tachometer connection housing
10	138 486 R91	CORE, tachometer cable
11	137 487 R91	CASING, tachometer cable
12	120 521	CLIP, tachometer cable No. 14 x 5/8" slt-rd-hd. cad-pltd. tapping SCREW
	636 171 R91	PARTS ACCESSORY, tachometer (composed of all parts listed)

REF. NO.	PART NUMBER	DESCRIPTION
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TACHOMETER (Carburated Engine)
(Low Profile NOT equipped with hydraulics)
(NOT Low Profile Tractors when equipped with hydraulics)



H 5756

1	636 174 R91	TACHOMETER, No. 10 cad-pltd. hex. NUT (2) No. 10 cad-pltd. lock WASHER (2)
2	636 172 R1	BRACKET, tachometer mounting No. 14 x 5/8" slt-rd-hd. cad-pltd. tapping SCREW (2)
3	138 488 R91	CABLE, tachometer (Includes CASING, 137 487 R91 and CORE, 138 486 R91)
4	363 817 R1	PLATE, tachometer housing No. 10 x 9/16" cad-pltd. rd-hd. SCREW (2) No. 10 lock WASHER (2)
5	369 692 R1	HOUSING, tachometer connection
6	369 693 R1	RETAINER, drive gear
7	369 695 R91	GEAR, tachometer drive
8	369 694 R91	PACKAGE, tachometer drive service (Includes GEAR, 369 695 R91; RETAINER, 369 693 R1 and HOUSING, 369 692 R1)
9	363 814 R1	GASKET, tachometer connection housing
10	138 486 R91	CORE, tachometer cable
11	137 487 R91	CASING, tachometer cable
12	120 521	CLIP, tachometer cable No. 14 x 5/8" slt-rd-hd. cad-pltd. tapping SCREW
	636 169 R91	PARTS ACCESSORY, tachometer (composed of all parts listed)

* Not Serviced Separately

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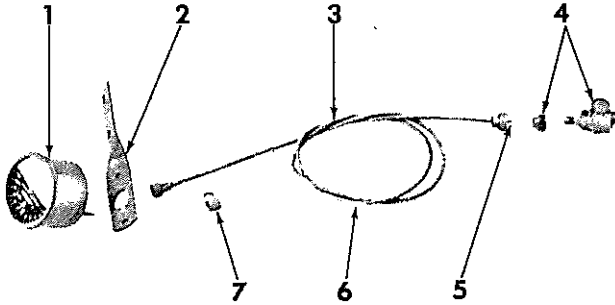
CRAWLER TRACTORS

ENGINE CONTROLS, INSTRUMENTS
AND PANEL



REF. NO.	PART NUMBER	DESCRIPTION
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TACHOMETER (Diesel Engine)
(Low Profile tractors when equipped with hydraulics)

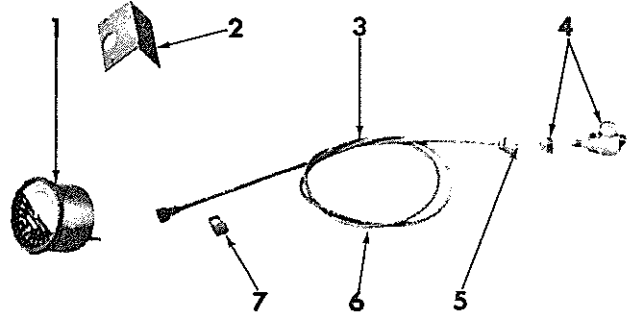


H 5756

1	636 562 R91	TACHOMETER, No. 10 cad-pltd. hex. NUT (2) No. 10 cad-pltd. lock WASHER (2)
2	636 173 R1	BRACKET, tachometer mounting 3/8 x 3/4" hexagon BOLT 3/8 x 2-3/4" hexagon BOLT 3/8" hex. NUT (2) 3/8" lock WASHER (2)
3	636 588 R91	CABLE, tachometer (Includes CASING, 636 590 R91 and CORE, 636 589 R91)
4	3042 474 R91	GEAR, tachometer drive 1/4 x 5/8" hexagon BOLT (2) 1/4" lock WASHER (2)
5	636 589 R91	CORE, tachometer cable
6	636 590 R91	CASING, tachometer cable
7	120 521	CLIP, tachometer cable No. 14 x 5/8" slt-rd-hd. cad-pltd. tapping SCREW
	636 304 R91	PARTS ACCESSORY, tachometer (composed of all parts listed)

REF. NO.	PART NUMBER	DESCRIPTION
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TACHOMETER (Diesel Engine)
(Low Profile tractors NOT equipped with hydraulics)
(NOT Low Profile tractors when equipped with hydraulics)



H 5756

1	636 562 R91	TACHOMETER, No. 10 cad-pltd. hex. NUT (2) No. 10 cad-pltd. lock WASHER (2)
2	636 172 R1	BRACKET, tachometer mounting No. 14 x 5/8" slt-rd-hd. cad-pltd. tapping SCREW (2)
3	636 588 R91	CABLE, tachometer (Includes CASING, 636 590 R91 and CORE, 636 589 R91)
4	3042 474 R91	GEAR, tachometer drive 1/4 x 5/8" hexagon BOLT (2) 1/4" lock WASHER (2)
5	636 589 R91	CORE, tachometer cable
6	636 590 R91	CASING, tachometer cable
7	120 521	CLIP, tachometer cable No. 14 x 5/8" slt-rd-hd. cad-pltd. tapping SCREW
	636 302 R91	PARTS ACCESSORY, tachometer (composed of all parts listed)



CRAWLER TRACTORS

ENGINE CONTROLS, INSTRUMENTS
AND PANEL

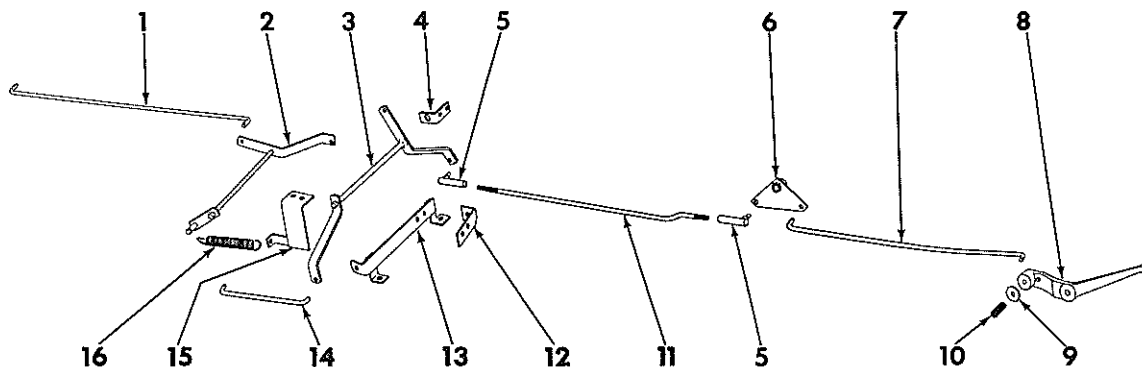


REF. NO.	PART NUMBER	DESCRIPTION
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REF. NO.	PART NUMBER	DESCRIPTION
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THROTTLE CONTROL

THROTTLE CONTROL - Cont



HB 4292

1	635 332 R1	LINK, speed adjustment lever (Carburated) 9/32 x 5/8 x 16 gauge WASHER (4) 3/32 x 1/2" cotter PIN (4)
2	635 326 R91	ROCKSHAFT, throttle control (Carburated)
3	635 334 R91	ROCKSHAFT, throttle control (Diesel) (Engines with Mechanical Injection Pump only)
3	636 136 R91	ROCKSHAFT, throttle control (Diesel) (Engines with D. P. A. Injection Pump only)
4	635 331 R1	SUPPORT, rockshaft right (Diesel tractors prior to serial No. 1016 and from serial No. 3681 and up)(Carburated tractors prior to serial No. 2080 and from serial No. 3679 and up) 1/4 x 5/8" hex. BOLT (2) 1/4" lock WASHER (2) 1/4" hex. NUT (2)
5	148 564	JOINT, type A long steel 1/4" ball
6	635 322 R1	BELLCRANK, throttle control 11/32 x 3/4 x 16 gauge plain WASHER 1/8 x 3/4" cotter PIN
7	635 321 R1	LINK, throttle control lever 9/32 x 5/8 x 16 gauge WASHER (2) 3/32 x 1/2" cotter PIN (3)
8	635 320 R2	LEVER, throttle control 5/16 x 3/4" std.-hd. dld. PIN 11/32 x 3/4 x 16 gauge plain WASHER 1/8 x 3/4" cotter PIN
9	704 681 R2	WASHER, lever friction
10	704 686 R1	SPRING, throttle control lever 1/4 x 2-1/8" std.-hd. dld. PIN 1/8 x 3/4" cotter PIN
11	635 325 R1	LINK, throttle control rockshaft 1/4"-NF hex. NUT (2)

12	635 924 R1	SUPPORT, rockshaft right (Diesel tractors from serial No. 1016 to No. 3680) (Carburated tractors from serial No. 2080 to No. 3678) 1/4 x 3/4" hex. BOLT (2) 1/4" lock WASHER (2) 1/4" hex. NUT (2)
13	635 923 R11	SUPPORT, rockshaft left (Diesel tractors from serial No. 1016 to No. 3680) (Carburated tractors from serial No. 2080 to No. 3678) 3/8 x 1" hex. BOLT (2) 3/8" lock WASHER (2)
14	635 333 R1	LINK, speed adjustment lever (Diesel) (Engines with Mechanical Injection Pump only) 9/32 x 5/8 x 16 gauge WASHER (4) 3/32 x 1/2" cotter PIN (4)
14	636 137 R1	LINK, speed adjustment lever (Diesel) (Engines with D. P. A. Injection Pump only) 9/32 x 5/8 x 16 gauge WASHER (4) 3/32 x 1/2" cotter PIN (4)
15	635 921 R11	BRACKET, linkage spring (Carburated tractors from serial No. 2080 to 3679) 1/4 x 3/4" hexagon BOLT (2) 1/4" hex. NUT (2) 1/4" lock WASHER (2)
16	635 533 R1	SPRING, throttle control linkage (Carburated)
	635 330 R1	SUPPORT, rockshaft left (not illustrated) (Diesel tractors prior to serial No. 1015) (Carburated tractors prior to serial No. 2079) 3/16 x 1/2" button-hd. RIVET (2)

* Not Serviced Separately

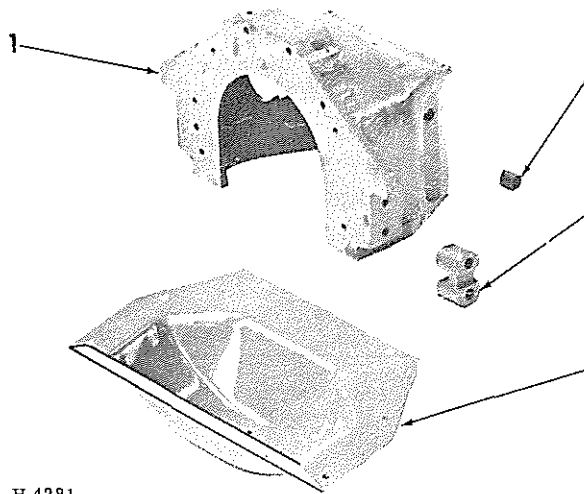
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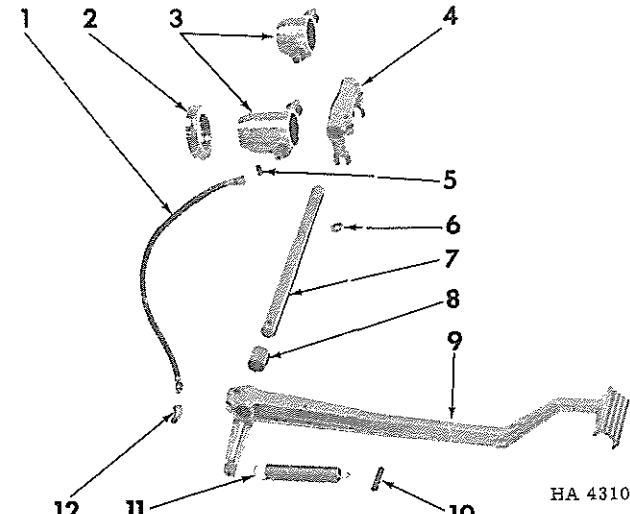


CRAWLER TRACTORS

CLUTCH



REF. NO.	PART NUMBER	DESCRIPTION
CLUTCH HOUSING		
		
	H 4281	
1		HOUSING, clutch (Carburated Engine)(on machines prior to serial No. 3667, order 1-635 087 R21, Housing and 1-636 587 R1, Seal)
1	635 087 R21	HOUSING, clutch (Carburated Engine)(on machines with serial No. 3667 and up) (Includes BUSHINGS, 635 091 R1)
138 322 H		1/8" straight lube FITTING 1/2 x 1-3/4" hex. BOLT (5) 5/8 x 3-1/2" hex. BOLT (4) 1/2" lock WASHER (5) 5/8" lock WASHER (4)
1		HOUSING, clutch (Diesel Engine)(on machines prior to serial No. 3508, order 1-635 088 R21, Housing and 1-636 587 R1 - Seal)
1	635 088 R21	HOUSING, clutch (Diesel Engine)(on machines with serial No. 3508 and up)(Includes BUSHINGS, 635 091 R1)
138 322 H		1/8" straight lube FITTING 1/2 x 1-3/4" hex. BOLT (5) 5/8 x 3-1/2" hex. BOLT (4) 1/2" lock WASHER (5) 5/8" lock WASHER (4)
2	635 091 R1	BUSHING, clutch release shaft (2)
3	635 089 R1	SPACER, clutch housing (2) 5/8 x 3-1/2" hexagon BOLT (4) 5/8" lock WASHER (4)
4	635 090 R21	COVER, clutch housing 5/16 x 3/4" hex. BOLT (6)(NOT Low Profile) 5/16 x 3/4" hex. BOLT (5)(Low Profile) 5/16 x 7/8" hex. BOLT (Low Profile) 5/16" lock WASHER (6)
	636 521 R1	SEAL, housing cover (not illustrated)
	636 587 R1	SEAL, cranking motor (not illustrated)

REF. NO.	PART NUMBER	DESCRIPTION
CLUTCH CONTROL (Front Pivot) (NOT Low Profile or Torque Amplifier)		
		
1	635 698 R91	HOSE, release sleeve lubrication
2	365 865 R91	BEARING, clutch throw-out
3	360 501 R2	SLEEVE, clutch release (when machine equipped with constant running P. T. O.)
3	635 092 R1	SLEEVE, clutch release (NOT when machine equipped with constant running P. T. O.)
4	360 503 R1	FORK, clutch release 3/8 x 1-1/2" hexagon BOLT (2) 3/8" lock WASHER (2)
5	9402 706	CONNECTOR, 1/8" pipe to 1/4" tube
6	635 098 R1	KEY, clutch release fork
7	635 099 R1	SHAFT, clutch release
8	635 091 R1	BUSHING, clutch release shaft
9	635 096 R1	PEDAL, clutch 3/8 x 1-3/4" hex. BOLT 3/8" hex. NUT 3/8" lock WASHER
10	W 5226	ANCHOR, pedal return spring 5/16 x 2-1/2" hex. BOLT 5/16" hex. NUT 11/32 x 7/8 x 16 gauge WASHER 5/16" lock WASHER
11	635 503 R1	SPRING, pedal return
12	106 649 138 322 H	ELBOW, 1/8"-45° lubrication hose 1/8" straight lube FITTING

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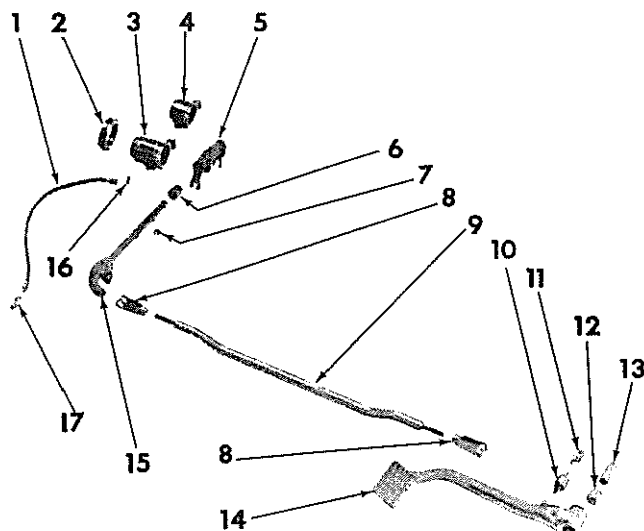
CRAWLER TRACTORS

CLUTCH



REF. NO.	PART NUMBER	DESCRIPTION
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CLUTCH CONTROL (Rear Pivot)



H 4312

1	635 698 R91	HOSE, release sleeve lubrication
2	365 865 R91	BEARING, clutch throw-out
3	635 092 R2	SLEEVE, clutch release (NOT when machine equipped with constant running P.T.O.)
4	360 501 R2	SLEEVE, clutch release (when machine equipped with constant running P.T.O.)
5	360 503 R1	FORK, clutch release 3/8 x 1-1/2" hex. BOLT (2) 3/8" lock WASHER (2)
6	635 091 R1	BUSHING, clutch release shaft
7	635 098 R1	KEY, clutch release fork
8	116 538	CLEVIS, shaft adjustable (2) 1/2 x 1-27/64" rod-end dld. PIN (2) 17/32 x 7/8 x 16 gauge WASHER 1/8 x 3/4" cotter PIN (2)
9	635 101 R1	ROD, clutch release shaft 1/2"-NF hex. jam NUT (2)
10	635 504 R1	SPRING, pedal return
11	635 107 R1	BRACKET, pedal return spring No. 8 x 1/2" slt-rd-hd. SCREW (2) No. 8 hex. NUT (2) No. 8 lock WASHER (2)
12	635 060 R1	BUSHING, pedal (2)
13	635 109 R1	SPACER, pedal pivot

REF. NO.	PART NUMBER	DESCRIPTION
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CLUTCH CONTROL (Rear Pivot) - Cont

14	635 097 R11	PEDAL, clutch (Includes BUSHINGS, 635 060 R1) 5/8 x 3-1/2" hex. BOLT 21/32 x 1-1/2 x 16 gauge WASHER 5/8" lock WASHER
15	635 100 R11	SHAFT, clutch release
16	9402 706	CONNECTOR, 1/8" pipe to 1/4" tube
17	106 649 138 322 H	ELBOW, 1/8"-45° lubrication hose 1/8" straight lube FITTING
636 210 R91	PARTS ACCESSORY, rear pivot clutch composed of:	
	1 Bolt	271 568
	1 Bracket	635 107 R1
	2 Clevis	116 538
	1 Lockwasher	103 325
	2 Lockwasher	106 496
	2 Nut	103 092
	2 Nut	114 496
	1 Pedal	635 097 R11
	2 Pin	103 384
	2 Pin	114 787
	2 Screw	100 751
	1 Shaft	635 100 R11
	1 Shaft	635 101 R1
	1 Spacer	635 109 R1
	1 Spring	635 504 R1
	1 Washer	10620 P
	1 Washer	11002 VA

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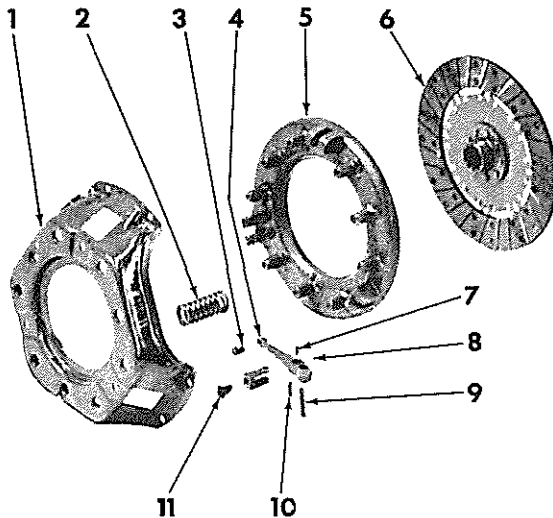
CRAWLER TRACTORS

CLUTCH



REF. NO.	PART NUMBER	DESCRIPTION
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CLUTCH (Standard)(Single Stage)



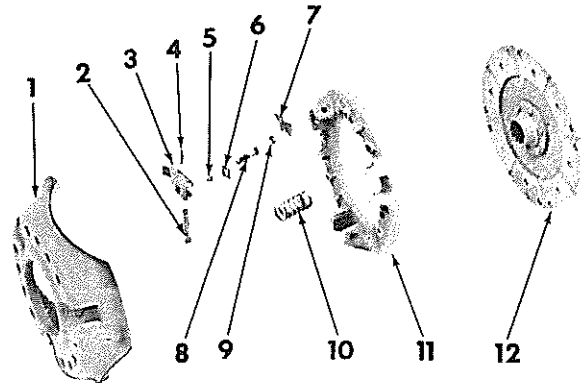
H 4281

635 110 R91 COVER, 10" single stage clutch (Includes all parts listed below, except reference No. 6)

1	113 222 H 647 542 R1	PLATE, flywheel Balancing SCREW (as required) 5/16 x 1-1/8" hex. BOLT (6) 5/16" lock WASHER (6)
2	911 222 R1	SPRING, pressure plate (9)
3	911 223 R1	SCREW, release lever adjusting (3)
4		LEVER, clutch release (*) (order 1-635 693 R91, Package)
5	113 223 H	PLATE, pressure
6	635 112 R91	CLUTCH, 10" single stage (Includes FACINGS)
7	64 467 H	PIN, release lever (3)
8	64 466 H	ROLLER, lever pin (57)
9	64 461 H	ROLLER, lever yoke pin (3)
10	64 717 R1	PIN, release lever pivot
11	64 471 H	SCREW, release lever yoke (3) 5/16" lock WASHER (3)
	635 549 R91	PACKAGE, clutch facings service composed of: * 2 Facings 12 Rivets 38 797 H 24 Rivets 64 452 H 6 Springs 68 374 H
	635 693 R91	PACKAGE, release lever service composed of: * 3 Lever 64 461 H 3 Roller * 3 Pin * 3 Yoke 3 Screw 911 223 R1

REF. NO.	PART NUMBER	DESCRIPTION
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CLUTCH (Heavy Duty)(Single Stage)



H 5979

636 410 R91 COVER, 10" single stage heavy duty (Includes all parts listed below, except reference No. 12)

1	102 317 HA	PLATE, clutch back
2	29 774 HB	PIN, lever (3) 3/32 x 5/8" cotter PIN (3)
3		LEVER, clutch release (*) (order 1-43919 HEX - LEVER)
4	86 025 H	ROLLER, adjusting lever pivot (6)
5	114 494	NUT, adjusting screw (3)
6	65 820 H	BLOCK, clutch lever (3)
7	91 941 R1	SPRING, clutch lever (3)
8	52 405 R1	SCREW, lever adjusting (3)
9	52 406 R1	CAP, adjusting screw (3)
10	68 289 H	SPRING, pressure plate (9)
11	102 318 HA	PLATE, clutch pressure
12	636 411 R91	CLUTCH, 10" single stage (Includes FACINGS)
	43 919 HEX	LEVER ASSEMBLY, clutch release composed of: 1 Block 62 820 H 1 Cap 52 406 R1 * 1 Lever 1 Pin 80 950 H 2 Roller 86 025 H 1 Screw 52 405 R1 1 Spring 91 941 R1
	636 420 R91	PACKAGE, clutch facings service (Includes 20 RIVETS, 383 870)

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CRAWLER TRACTORS

CLUTCH

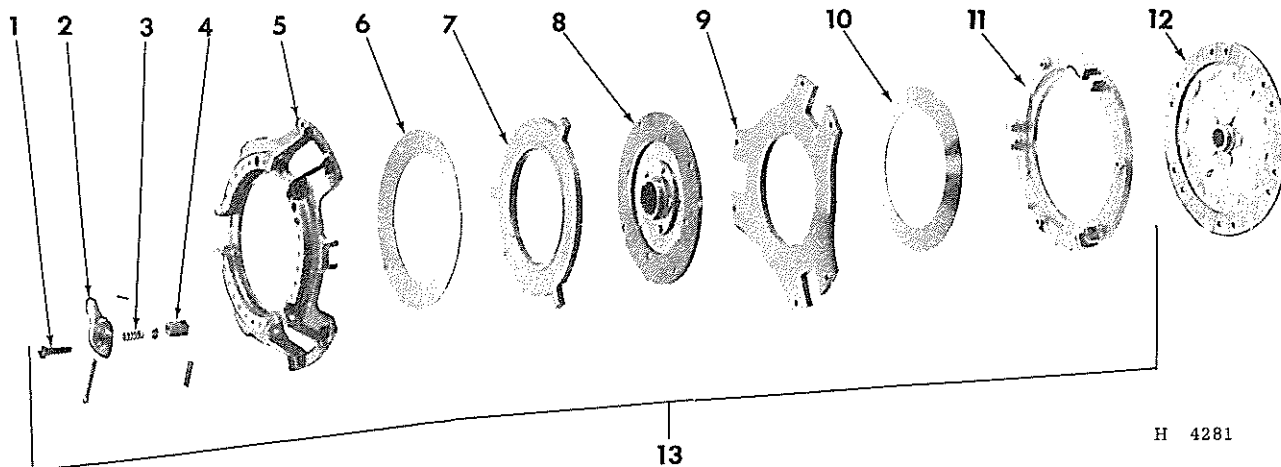


REF. NO.	PART NUMBER	DESCRIPTION
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REF. NO.	PART NUMBER	DESCRIPTION
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CLUTCH (Two Stage)

CLUTCH (Two Stage) - Cont



H 4281

	635 113 R91	CLUTCH, double stage (composed of all parts listed below)
1	635 495 R1	SCREW, lever adjusting 5/16"-NF hex. jam NUT
2		LEVER, clutch release (*) (for service order 1-635 692 R91, Lever Package) 635 493 R1 Clutch lever pivot PIN (3)
3	635 494 R1	SPRING, clutch lever
4	635 496 R1 635 497 R1	CLEVIS, lever screw Clevis rod-end PIN
5	635 488 R1	BRACKET, clutch
6	635 489 R1	PLATE, front spring clutch
7	635 491 R1	PLATE, 9" pressure
8	635 460 R91	CLUTCH, 9" driven double stage (Includes FACINGS)
9	635 487 R1 635 486 R1	PLATE, flywheel Special pressure plate SCREW (3) 5/16"-NF hex. jam NUT (3)
10	635 490 R1	PLATE, rear clutch spring
11	635 485 R1	PLATE, 11" pressure
12	635 115 R91	CLUTCH, 11" driven member (Includes FACINGS)

13	635 114 R91	COVER ASSEMBLY w/9" clutch composed of:
	1 Bracket	635 488 R1
	3 Clevis	635 496 R1
	1 Member	635 460 R91
	1 Package	635 492 R91
	3 Pin	635 497 R1
	1 Plate	635 485 R1
	1 Plate	635 487 R1
	1 Plate	635 489 R1
	1 Plate	635 490 R1
	1 Plate	635 491 R1
	3 Screw	635 486 R1
	5/16 x 1-1/2" hexagon BOLT (6)	
	5/16" lock WASHER (6)	
	635 498 R91	PACKAGE, 11" clutch member facing service (Includes RIVETS, 135 499 R1)
	635 461 R91	PACKAGE, 9" clutch member facing service (Includes RIVETS, 28754 D)
	635 692 R91	PACKAGE, clutch release lever service composed of:
	* 3 Lever	
	3 Nut	114 493
	3 Pin	365 704 R1
	3 Pin	635 493 R1
	3 Screw	635 495 R1
	3 Spring	635 494 R1
	635 493 R1	Clutch lever pivot PIN 1/8 x 5/8" ROLL PIN

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CRAWLER TRACTORS

FRAME AND DRIVING MECHANISMS

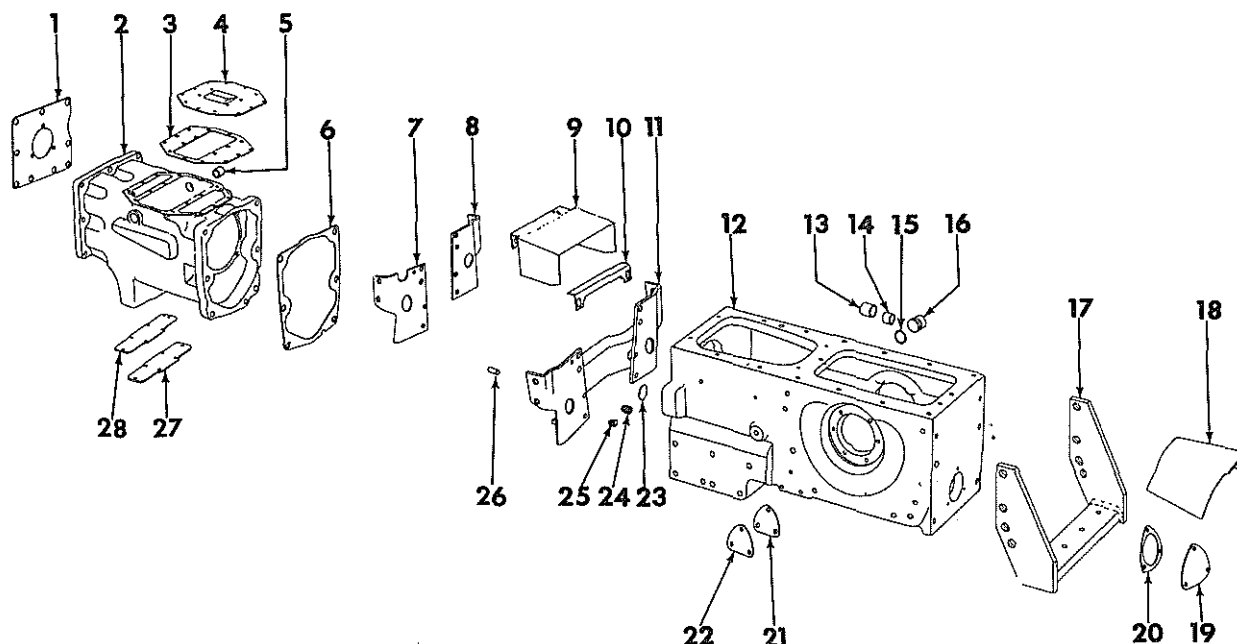


REF. NO.	PART NUMBER	DESCRIPTION
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REF. NO.	PART NUMBER	DESCRIPTION
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MAIN FRAME

MAIN FRAME - Cont



HB 4334

1	635 181 R2	GASKET, spacer housing front (Torque amplifier or reverser)	8	635 170 R3	PLATE, main frame support right (Torque amplifier or reverser)
2	635 003 R11	HOUSING, spacer (Torque amplifier or reverser)(Includes BUSHINGS, 635 061 R1 and PIN 141 287)		635 456 R1	Main frame support plate BOLT (2)
	636 430 R1	Special spacer housing STUD (13)		635 457 R1	Main frame support plate BOLT (2)
	635 638 R1	5/8 x 2-3/8" special hexagon BOLT (2)		635 047 R1	5/8-NF x 1-1/2" special hexagon BOLT (2)
	225 861	5/8" special hex. NUT (13)		225 861	5/8" special hex. NUT (2)
		5/8" lock WASHER (15)			1/2" lock WASHER (2)
					5/8" lock WASHER (4)
3	635 183 R3	GASKET, spacer housing top cover	9	635 162 R1	SHIELD, propeller shaft (Standard transmission only)(for use on tractors prior to serial No. 3029)
4	635 165 R1	COVER, spacer housing top			5/16 x 1/2" hexagon BOLT (2)
		3/8 x 3/4" hexagon BOLT (2)			5/16" lock WASHER (2)
		3/8" lock WASHER (2)	9	636 108 R1	SHIELD, propeller shaft (Standard transmission only)(for use on tractors with serial No. 3029 and up)
	636 431 R1	Special top cover STUD (14)			5/16 x 1-1/8" hexagon BOLT (2)
	107 823	Special 3/8"-NF stamped NUT (14)			5/8" x 1" hexagon BOLT (2)
					5/16" lock WASHER (2)
5	635 061 R1	BUSHING, spacer housing			5/8" lock WASHER (2)
					5/16" hex. NUT (2)
6	635 182 R2	GASKET, spacer housing rear	10	635 163 R1	BRACKET, propeller shaft shield support (Standard transmission only)(for use on tractors prior to serial No. 3029)
7	635 169 R2	PLATE, main frame support left (Torque amplifier or reverser)			5/8 x 1" hexagon BOLT (2)
		Main frame support plate BOLT (2)			5/8" lock WASHER (2)
	635 456 R1	Main frame support plate BOLT (2)			
	635 457 R1	Main frame support plate BOLT (2)	11	635 168 R93	SUPPORT, main frame cross (Standard transmission only)
	635 047 R1	5/8-NF x 1-1/2" special hexagon BOLT (2)			Main frame support plate BOLT (2)
	225 861	5/8" special hex. NUT (2)			Main frame support plate BOLT (2)
		1/2" lock WASHER (2)			5/8-NF x 1-1/2" special hexagon BOLT (2)
		5/8" lock WASHER (4)			5/8" special hex. NUT (2)
					1/2" lock WASHER (2)
					5/8" lock WASHER (4)

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CRAWLER TRACTORS

FRAME AND DRIVING MECHANISMS



REF. NO.	PART NUMBER	DESCRIPTION
MAIN FRAME - Cont		
12	635 000 R11	FRAME, main composed of: 1 Bolt 179 810 1 Bushing 635 058 R1 1 Bushing 635 059 R1 * 1 Frame 1 Lockwasher 103 320 1 "O" Ring 252 728 R1 1 Plug 172 576 1 Plug 103 868 1 Plug 635 713 R1 1 Washer Q 398
13	635 058 R1	BUSHING, reverse idler shaft front
14	635 059 R1	BUSHING, reverse idler shaft rear
15	252 728 R1	"O" RING, hydraulic plug
16	635 713 R1	PLUG, main frame hydraulic (when tractor NOT equipped with hydraulics) 5/16 x 3/8" hexagon BOLT 11/32 x 7/8 x 16 gauge WASHER 5/16" lock WASHER
17	635 272 R91	GUIDE, drawbar (NOT when Three Point Hitch is used) 3/4 x 2-1/2" hexagon BOLT (4) 3/4" lock WASHER (4)
17	635 500 R91	GUIDE, drawbar (when Three Point Hitch is used) 5/8 x 2-1/2" hexagon BOLT (4) 5/8" lock WASHER (4)
18	704 395 R95	SHIELD, P. T. O. safety (when tractor equipped with P. T. O.) 5/16 x 1-1/8" hexagon BOLT (3) 11/32 x 3/4 x 16 gauge WASHER (3) 5/16" lock WASHER (3)
19	703 972 R1	PLATE, P. T. O. shaft cover (NOT when tractor equipped with P. T. O.) 5/16 x 3/4" hexagon BOLT (3) 5/16" lock WASHER (3)
20	703 971 R1	GASKET, P. T. O. shaft cover (NOT when tractor equipped with P. T. O.)
21	711 312 R1	GASKET, P. T. O. shifter shaft hole cover plate (NOT when tractor equipped with P. T. O.)
22	711 466 R1	PLATE, P. T. O. shifter shaft hole (NOT when tractor equipped with P. T. O.) 3/8 x 7/8" hexagon BOLT (3) 3/8" lock WASHER (3)
23	172 576	PLUG, 1-5/8" expansion
24	103 868	PLUG, 1/2" sq-hd. pipe
25	103 867	PLUG, 3/8" sq-hd. pipe, (for use with standard transmission only)

REF. NO.	PART NUMBER	DESCRIPTION
MAIN FRAME - Cont		
26	141 287	PIN, 1/2 x 1-1/2" dowel (Torque amplifier or reverser)
27	635 166 R1	COVER, spacer housing bottom 5/16 x 3/4" hexagon BOLT (6) 5/16" lock WASHER (6)
28	635 184 R1	GASKET, spacer housing bottom cover

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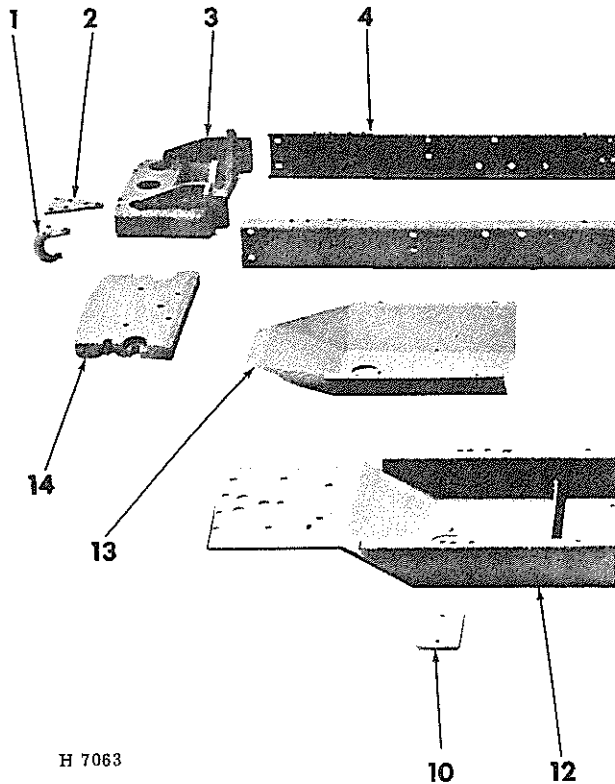
CRAWLER TRACTORS

FRAME AND DRIVING MECHANISMS



REF. NO.	PART NUMBER	DESCRIPTION
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FRONT END MEMBER, CHANNELS AND GUARDS

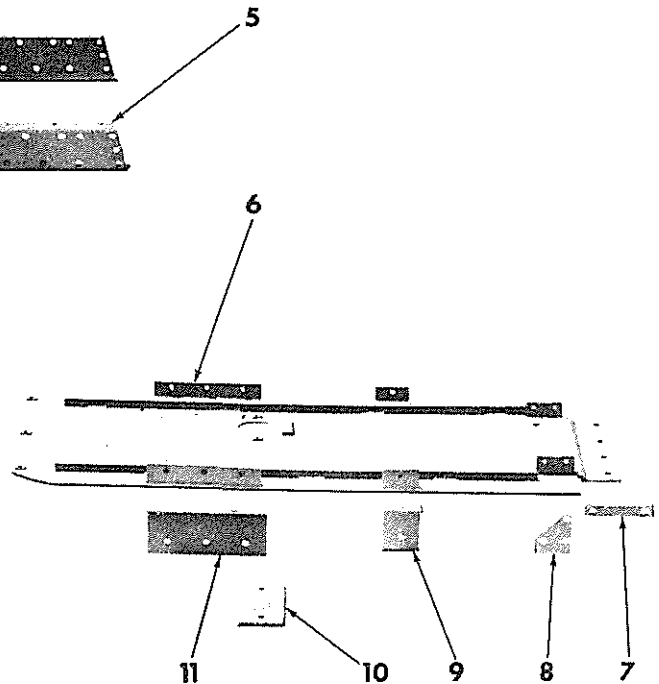


H 7063

1	77 850 R2	HOOK, front tow, 1/2 x 1-3/4" hex. BOLT (2) 1/2 x 2" hex. BOLT 1/2" hex. NUT (3) 1/2" lock WASHER (3)
2	635 798 R1	BASE, front tow hook 1/2 x 1-1/2" hex. BOLT (3) 1/2" lock WASHER (3)
3	635 006 R2 635 040 R1	MEMBER, front end (Carburated Engine) 5/8 x 1-3/4" special hex. BOLT (4) 5/8 x 2-3/4" hex. BOLT (3) 5/8 x 3-1/4" hex. BOLT 5/8" hex. NUT (3) 5/8" lock WASHER (8)
3	635 007 R2 635 040 R1	MEMBER, front end (Diesel Engine) 5/8 x 1-3/4" special hex. BOLT (4) 5/8 x 2" hex. BOLT (3) 5/8 x 2-3/4" hex. BOLT 5/8" hex. NUT 5/8" lock WASHER (8)
4	636 343 R11 635 040 R1	CHANNEL, main frame right 5/8 x 1-3/4" special hex. BOLT (2) 5/8 x 1-1/2" hex. BOLT (3) 5/8" lock WASHER (5)

REF. NO.	PART NUMBER	DESCRIPTION
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FRONT END MEMBER, CHANNELS AND GUARDS - Cont



5	635 052 R11 635 040 R1	CHANNEL, main frame left 5/8 x 1-3/4" special hex. BOLT (2) 5/8 x 1-1/2" hex. BOLT (3) 5/8" lock WASHER (5)
6	635 682 R92	GUARD, transmission 3/8 x 1" hex. BOLT (12) 1/2 x 1-1/4" hex. BOLT (3) 3/8" hex. NUT (6) 1/2 x 2" carriage BOLT (2) 1/2" hex. NUT (2) 3/8" lock WASHER (12) 1/2" lock WASHER (4)
7	636 134 R1	BRACE, drawbar guide (2) 1/2 x 2" carriage BOLT (2) 5/8 x 2" hex. BOLT (2) 1/2" hex. NUT (2) 5/8" hex. NUT (2) 17/32 x 1-1/4 x 16 gauge WASHER (2) 1/2" lock WASHER (2) 5/8" lock WASHER (2)
8	635 690 R1	BRACKET, transmission guard rear (2) 1/2 x 2-1/4" hex. BOLT (4) 1/2" lock WASHER (4)
9	635 689 R1	BRACKET, transmission guard center (2) 3/8 x 1-1/8" hex. BOLT (2) 3/8" hex. NUT (2) 3/8" lock WASHER (2)

* Not Serviced Separately

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CRAWLER TRACTORS

FRAME AND DRIVING MECHANISMS



REF. NO.	PART NUMBER	DESCRIPTION
FRONT END MEMBER, CHANNELS AND GUARDS - Cont		
10	636 517 R11	COVER, crankcase and transmission guard (2) 3/8 x 7/8" cad-pltd. hex. BOLT (4) 3/8" lock WASHER (4)
11	635 688 R1	BRACKET, transmission guard front (2) 3/8 x 1-1/8" hex. BOLT (4) 3/8" hex. NUT (4) 3/8" lock WASHER (4)
12	635 649 R92	GUARD, crankcase heavy duty 3/8 x 1" hex. BOLT (4) 1/2 x 1-3/8" hex. BOLT (4) 17/32 x 1 x 11 gauge WASHER (4) 13/32 x 1 x 11 gauge WASHER (4)
13	635 427 R1	GUARD, crankcase standard 3/8 x 1" hex. BOLT (4) 1/2 x 3" hex. BOLT (2) 1/2" hex. NUT (2) 17/32 x 1 x 16 gauge WASHER (2) 13/32 x 1 x 11 gauge WASHER (4) 3/8" lock WASHER (4) 1/2" lock WASHER (2)
14	635 565 R1	WEIGHT, front end (1st weight) 1/2 x 2-1/2" hex. BOLT (2) 1/2 x 4" hex. BOLT (2) 1/2" hex. NUT (2) 17/32 x 1-1/4 x 11 gauge WASHER (6) 1/2" lock WASHER (4)
14	635 565 R1	WEIGHT, front end (1st weight when used in conjunction with Radiator Guard) 1/2 x 3-1/2" hex. BOLT (2) 1/2 x 5" hex. BOLT (2) 1/2" hex. NUT (2) 17/32 x 1-1/4 x 11 gauge WASHER (20) 1/2" lock WASHER (4)
14	635 565 R1	WEIGHT, front end (additional) 3/4 x 3-1/4" hex. BOLT (2) 3/4" hex. NUT (2) 25/32 x 1-1/2 x 11 gauge WASHER (4) 3/4" lock WASHER (2)
636 247 R91	PARTS ACCESSORY, heavy duty crankcase guard	composed of: 4 Bolt 179 884 2 Bolt 180 121 1 Cover 636 517 R11 1 Guard 635 649 R92 2 Lockwasher 103 321 4 Lockwasher 103 323

REF. NO.	PART NUMBER	DESCRIPTION
FRONT END MEMBER, CHANNELS AND GUARDS - Cont		
636 251 R91	PARTS ACCESSORY, transmission guard (for use on tractors equipped with heavy duty crankcase guard)	composed of: 4 Bolt 15 073 R1 12 Bolt 179 839 6 Bolt 179 840 3 Bolt 179 883 2 Bolt 180 121 2 Bolt 271 562 2 Brace 636 134 R1 2 Bracket 635 688 R1 2 Bracket 635 689 R1 2 Bracket 635 690 R1 1 Cover 636 517 R11 1 Elbow 137 894 1 Guard 635 682 R92 1 Plug 444 870 20 Lockwasher 103 321 7 Lockwasher 103 323 2 Lockwasher 103 325 12 Nut 102 635 4 Nut 102 637 2 Nut 102 639 2 Washer 12 026 R1 3 Washer 16 038 R1
636 252 R91	PARTS ACCESSORY, front tow hook	composed of: 1 Base 635 798 R1 3 Bolt 179 885 2 Bolt 179 887 1 Bolt 179 889 1 Hook 77 850 R2 6 Lockwasher 103 323 3 Nut 102 637



CRAWLER TRACTORS

FRAME AND DRIVING MECHANISMS



REF. NO.	PART NUMBER	DESCRIPTION
GEAR SHIFT		
1	53 717 DA	KNOB, gear shifter lever
2	710 953 R1	STOP, gear shifter lever spring
3	29 547 D	SPRING, gear shifter lever
4	172 529	PLUG, 5/8" swivel shaft expansion
5	34 878 D 172 529	SHAFT, gear shifter lever small 5/8" expansion PLUG
6	705 650 R1	SHAFT, gear shifter lever swivel large
7	103 869	PLUG, 3/4" sq.-hd. pipe
8	636 485 R1	TAB, transmission cover bolt locking (7)
9	704 039 R2	GUIDE, gear shifter rail outer (2)

H 6961

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REF. NO.	PART NUMBER	DESCRIPTION
GEAR SHIFT - Cont		
10	711 283 R1	SPRING, gear shifter poppet (3)
11	16 013 R1	BALL, gear shifter steel (3)
12	635 176 R91	FORK, first and reverse speed gear shifter
13	635 177 R91	FORK, second and third speed gear shifter
14	635 178 R91	FORK, fourth and fifth speed gear shifter
15	704 040 R1	BRACKET, fork and guide (2) 3/8 x 3/4" hexagon BOLT (4)
16	636 426 R1	BAFFLE, transmission cover oil (2)
17	636 425 R1	LOCK, rail guide bracket bolt (2)
18	636 483 R2	GASKET, transmission cover
19	704 038 R1	GUIDE, gear shifter rail inner (2)
20	703 970 R41 636 432 R1 636 432 R1 103 026	COVER, transmission (Includes PLUG, 103 869) Transmission cover STUD (7) (Standard or Torque Amplifier) Transmission cover STUD (5) (Reverser) 3/8 x 1-3/8" hexagon BOLT (2) (Reverser) 3/8-NF special hex. NUT 3/8" lock WASHER (7)
21	635 157 R91	STICK, transmission oil level dip
22	704 041 R91	LEVER, gear shifter 3/16 x 1-3/8" cotter PIN
23	712 626 R1	SHIELD, gear shifter swivel housing
24		WASHER, 29/32 x 1-3/8 x 18 gauge plain
25	34 879 D	WASHER, gear shifter lever felt
26	34 880 D	RETAINER, lever felt washer

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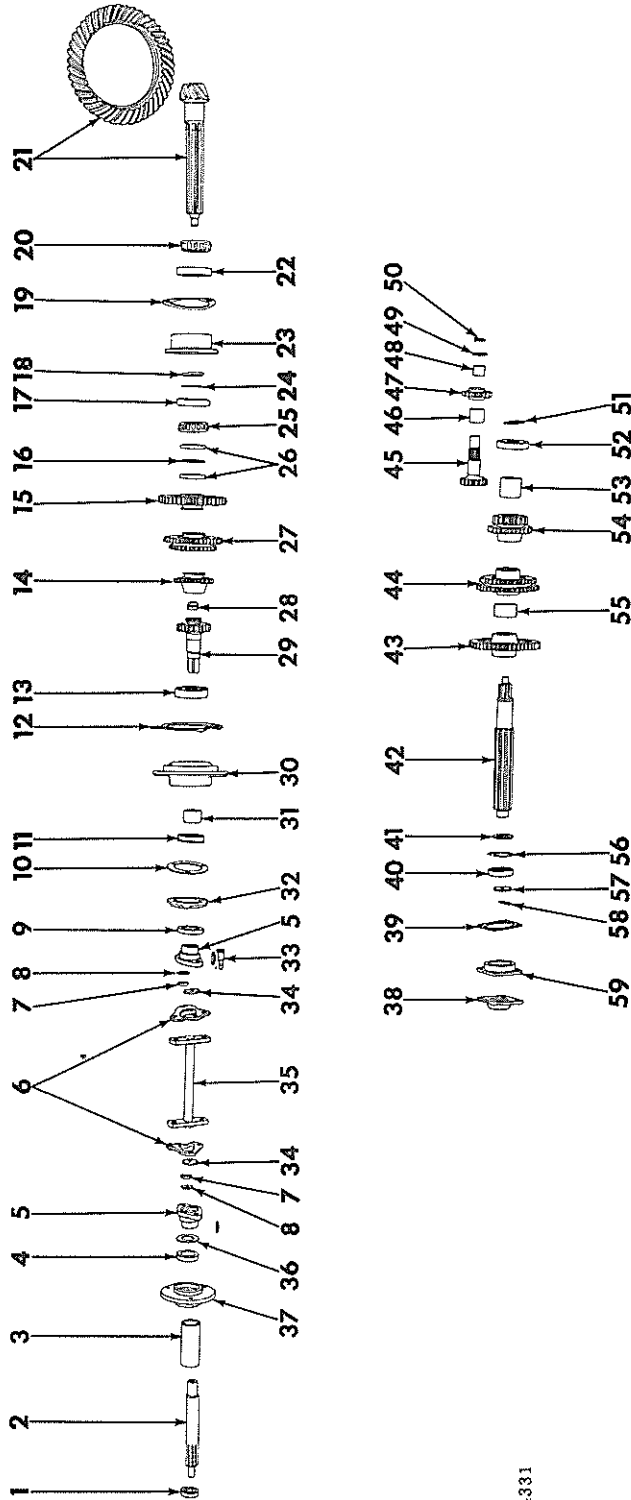
CRAWLER TRACTORS

FRAME AND DRIVING MECHANISMS



REF. NO.	PART NUMBER	DESCRIPTION
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TRANSMISSION AND STANDARD DRIVE



HB 4331

REF. NO.	PART NUMBER	DESCRIPTION
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TRANSMISSION AND STANDARD DRIVE - Cont

1	ST 575	BEARING, clutch shaft pilot
2	635 102 R1	SHAFT, clutch
3	635 108 R2	GUIDE, clutch throw-out bearing
4	635 257 R91	BEARING, clutch shaft retainer (optional to use 636 632 R91 - BEARING)
5	704 023 R1	COUPLING, propeller shaft joint (2) 3/16 x 2-1/8" Woodruff KEY (2)
6	48 967 DA	RING, propeller shaft joint (2)
7	6 161 H	WASHER, propeller shaft joint rubber (16)
8	7 579 T	RETAINER, shaft joint rubber washer
9	20 290 D	OIL SEAL, driving shaft retainer
10	711 254 R1	GASKET, driving shaft oil seal retainer
11	ST 247	BEARING, w/snap ring, driving shaft front
12	635 179 R1	GASKET, driving shaft bearing cage
13	ST 235	BEARING, driving shaft rear
14	706 462 R2	GEAR, 28 T fourth and fifth speed sliding
15	635 136 R1	GEAR, 41 T first and reverse speed sliding
16	703 992 R1	WASHER, spline shaft lock nut
17	ST 970	CUP, spline shaft front bearing
18	707 500 R1	SPACER, spline shaft bearing
19	704 008 R1	SHIM, .0108" bearing retainer (as required)
19	704 009 R1	SHIM, .006" bearing retainer (as required)
19	704 010 R1	SHIM, .0016" bearing retainer (as required)
19	3041 092 R1	SHIM, .015" bearing retainer (as required)
19	3041 093 R1	SHIM, .030" bearing retainer (as required)
20	63 313 R91	CONE, spline shaft rear bearing
21	704 026 R92	SHAFT AND GEAR, transmission spline (To be serviced as a unit)
22	ST 964	CUP, spline shaft rear bearing

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CRAWLER TRACTORS

FRAME AND DRIVING MECHANISM



REF. NO.	PART NUMBER	DESCRIPTION
TRANSMISSION AND STANDARD DRIVE - Cont		
23	704 025 R1	RETAINER, spline shaft bearing 1/2"-NF x 2-3/8" hexagon BOLT (3) 1/2" hex. NUT (3) 1/2" internal-tooth lock WASHER (3)
24	707 501 R1	SHIM, .002" spline shaft bearing
24	707 502 R1	SHIM, .010" spline shaft bearing
24	707 503 R1	SHIM, .004" spline shaft bearing
25	ST 775 A	CONE, spline shaft front bearing
26	751 068 R1	NUT, spline shaft bearing lock (2)
27	709 301 R1	GEAR, 33 T and 41 T second and third speed sliding
28	704 014 R91	BEARING, spline shaft pilot
29	635 146 R1	SHAFT, driving and 23 T input gear
30	635 131 R1	CAGE, driving shaft bearing 3/8 x 1-1/8" hexagon BOLT (4) 3/8" lock WASHER (4)
31	711 252 R1	RING, driving shaft bearing distance
32	704 019 R11	RETAINER, driving shaft oil seal (Includes OIL SEAL, 20290 D) 3/8 x 1-1/4" hexagon BOLT (3) 3/8" lock WASHER (3)
33	48 968 DAX 363 239 R1	SCREW, propeller shaft joint (8)(Includes NUT, 363 239 R1 and WASHER, 103 322) 7/16"-NF special hex. NUT (8) 7/16" lock WASHER (8)
34	704 024 R1	WASHER, shaft joint coupling retainer (2) 3/8 x 1-1/2" hexagon BOLT (2) 3/8" lock WASHER (2)
35	635 150 R91	SHAFT, propeller
36	635 161 R1	SHIELD, propeller shaft dust
37	635 095 R12	RETAINER, clutch shaft bearing (Includes GUIDE, 635 108 R2) 3/8 x 7/8" hexagon BOLT (3) 3/8" lock WASHER (3)
38	635 130 R1	RETAINER, countershaft front bearing cage 3/8 x 1-1/8" hexagon BOLT (4) 3/8" lock WASHER (4)
39	635 180 R1	GASKET, countershaft front bearing cage (2)
40	ST 213	BEARING, countershaft front

REF. NO.	PART NUMBER	DESCRIPTION
TRANSMISSION AND STANDARD DRIVE - Cont		
41	635 199 R1	SPACER, countershaft bearing
42	635 137 R1	COUNTERSHAFT, transmission
43	635 145 R1	GEAR, 47 T constant mesh
44	635 144 R1	GEAR, 37 T and 42 T third and fourth speed driving
45	704 028 R1	SHAFT, 17 T reverse idler
46	635 058 R1	BUSHING, reverse idler shaft front
47	635 135 R1	GEAR, 16 T reverse idler
48	635 059 R1	BUSHING, reverse idler shaft rear
49		WASHER, 1-1/64 x 1-35/64 x 12 gauge plain
50	704 029 R1	CLIP, reverse idler shaft retaining
51	635 193 R1	RING, countershaft rear bearing retaining
52	ST 215	BEARING, countershaft rear
53	635 173 R1	SPACER, countershaft gears rear
54	635 143 R1	GEAR, 19 T and 29 T first and second speed driving
55	635 172 R1	SPACER, countershaft gears front
56	635 646 R1	RING, countershaft front bearing retaining
57	703 985 R1	WASHER, countershaft retainer
58	703 986 R1	LOCKPLATE, countershaft 5/16 x 7/8" hexagon BOLT (2)
59	635 129 R1	CAGE, countershaft front bearing 3/8 x 1-1/8" hexagon BOLT (4) 3/8" lock WASHER (4)
54 216 H		WASHER, dust shield and bearing (not illustrated)(between reference Nos. 4 and 36)

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TRACTORS

FRAME AND DRIVING MECHANISMS



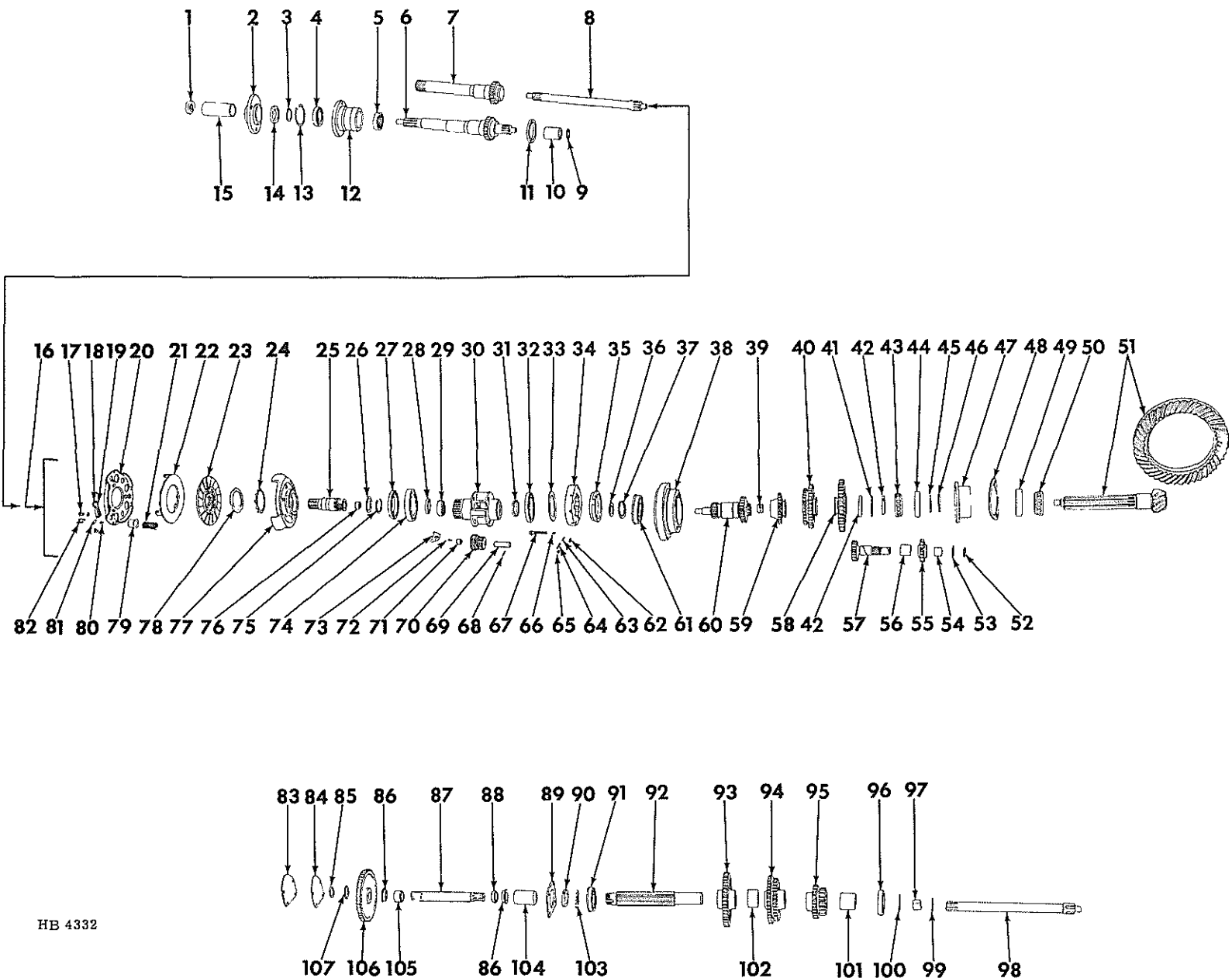
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DESCRIPTION

TRANSMISSION AND TORQUE AMPLIFIER DRIVE

TRANSMISSION AND TORQUE AMPLIFIER DRIVE - Cont



HB 4332

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CRAWLER TRACTORS FRAME AND DRIVING MECHANISMS



REF. NO.	PART NUMBER	DESCRIPTION
TRANSMISSION AND TORQUE AMPLIFIER DRIVE - Cont		
1	ST 575	BEARING, clutch shaft pilot
2	635 095 R12	RETAINER, clutch shaft bearing (Includes GUIDE, 635 108 R2) 3/8 x 7/8" hexagon BOLT (3) 3/8" lock WASHER (3)
3	635 194 R1	RING, shaft front bearing retaining
4	ST 560	BEARING, front
5	370 486 R91	BEARING, driving or clutch shaft rear
6	635 103 R1	SHAFT, clutch (when NOT equipped with constant running P. T. O.)
7	635 139 R1	SHAFT, constant running P. T. O. driving (when equipped with constant running P. T. O.)
8	635 104 R1	SHAFT, clutch (when equipped with constant running P. T. O.)
9	364 411 R1	RING, driving shaft coupling snap
10	364 432 R91	COUPLING, driving shaft (Includes RING, 364 411 R1)
11	635 423 R91	OIL SEAL, driving and clutch shaft
12	635 132 R1	RETAINER, spacer housing front bearing 3/8 x 1-1/2" hexagon BOLT (3) 3/8" lock WASHER (3)
13	635 195 R1	RING, front bearing retaining
14	635 571 R91	OIL SEAL, clutch shaft retainer
15	635 108 R2	GUIDE, clutch throw-out bearing
16	635 619 R91	PLATE ASSEMBLY, 7" torque amplifier clutch composed of: 6 Cup 359 934 R1 1 Lever Package 359 948 R94 1 Plate 362 197 R1 1 Plate 359 932 R91 1 Spring Package 360 237 R92 359 899 R1 1/4 x 9/16" special hexagon BOLT (6) 1/4" lock WASHER (6)
17	359 935 R1 375 603 R1	SCREW, clutch release lever (3) 5/16"-NF hex. jam NUT (3)
18	359 936 R21	LEVER, clutch release (3)(Includes NUT, 375 603 R1 and SCREW 359 935 R1)

REF. NO.	PART NUMBER	DESCRIPTION
TRANSMISSION AND TORQUE AMPLIFIER DRIVE - Cont		
19	359 948 R94	LEVER PACKAGE, clutch release composed of: 3 Lever 359 936 R21 3 Pin 369 106 R1 3 Pin 369 107 R1 3 Spring 359 937 R3
20	359 932 R91 359 933 R1 359 899 R1	PLATE, clutch back Back plate release lever SEAT (3) 1/4 x 9/16" special hexagon BOLT (6) 1/4" lock WASHER (6)
21	359 939 R2	SPRING, pressure plate (6)
21	360 237 R92	PACKAGE, pressure plate spring (Includes SPRINGS, 359 939 R2)
22	362 197 R1 359 899 R1	PLATE, pressure 1/4 x 9/16" special hexagon BOLT (6) 1/4" lock WASHER (6)
23	367 910 R91	DISC, 7" bonded facing clutch driven
24	359 896 R2	LOCK, clutch carrier nut
25	361 283 R32	GEAR and BEARING, 23 T primary sun (Includes BEARING, 377 133 R91)
26	359 893 R1	WASHER, primary sun gear thrust
27	361 248 R92	OIL SEAL, planet carrier front bearing
28	359 951 R92	OIL SEAL, planet carrier
29	359 950 R91	BEARING, planet carrier
30	361 281 R12	CARRIER, planet (Includes BEARINGS, 359 950 R91; OIL SEAL, 359 951 R92; PINS, 17 046 R1 and SPACER 359 882 R1)
31	359 882 R1	SPACER, planet carrier
32	ST 589	BEARING, planet carrier rear
33	363 666 R1	WASHER, overrunning clutch roller front
34	365 402 R11	RAMP, bearing carrier and overrunning clutch (Includes PINS, 361 287 R1; PLUGS, 361 285 R1; ROLLERS, 365 403 R1 and SPRINGS, 361 286 R1)
35	360 651 R2	WASHER, overrunning clutch roller rear
36	359 891 R1	WASHER, driving primary and driven secondary sun gear thrust
37	358 059 R1	RING, drive shaft bearing snap



CRAWLER TRACTORS

FRAME AND DRIVING MECHANISMS



REF. NO.	PART NUMBER	DESCRIPTION
TRANSMISSION AND TORQUE AMPLIFIER DRIVE - Cont		
38	360 643 R1	CAGE, drive shaft bearing 3/8 x 1-3/4" hexagon BOLT (4) 3/8" lock WASHER (4)
39	704 014 R91	BEARING, spline shaft pilot
40	709 401 R1	GEAR, 33 T and 41 T second and third speed sliding
41	703 992 R1	WASHER, spline shaft bearing lock nut
42	751 068 R1	NUT, spline shaft bearing lock
43	ST 775 A	CONE, spline shaft front bearing
44	ST 970	CUP, spline shaft front bearing
45	707 591 R1	SHIM, .002" spline shaft bearing
45	707 502 R1	SHIM, .010" spline shaft bearing
45	707 503 R1	SHIM, .004" spline shaft bearing
46	707 500 R1	SPACER, spline shaft bearing
47	704 025 R1	RETAINER, spline shaft bearing 1/2-NF x 2-3/8" hexagon BOLT w/NUT (3) 1/2" internal-tooth lock WASHER (3)
48	704 008 R1	SHIM, .0108" bearing retainer (as required)
48	704 009 R1	SHIM, .006" bearing retainer (as required)
48	704 101 R1	SHIM, .0016" bearing retainer (as required)
48	3041 092 R1	SHIM, .015" bearing retainer (as required)
48	3041 093 R1	SHIM, .030" bearing retainer (as required)
49	ST 964	CUP, spline shaft rear bearing
50	63 313 R91	CONE, spline shaft rear bearing
51	704 026 R92	SHAFT and GEAR, transmission spline (to be serviced as a unit)
52	704 029 R1	CLIP, reverse idler shaft retaining
53		WASHER, 1-1/64 x 1-35/64 x 12 gauge
54	635 059 R1	BUSHING, reverse idler shaft rear
55	635 135 R1	GEAR, 16 T reverse idler

REF. NO.	PART NUMBER	DESCRIPTION
TRANSMISSION AND TORQUE AMPLIFIER DRIVE - Cont		
56	635 058 R1	BUSHING, reverse idler shaft front
57	704 028 R1	SHAFT, 17 T reverse idler
58	635 136 R1	GEAR, 41 T first and reverse speed sliding
59	706 462 R1	GEAR, 28 T fourth and fifth speed sliding
60	635 188 R2	SHAFT, transmission driving
61	ST 266	BEARING w/snap ring, drive shaft
62	365 403 R1	ROLLER, overrunning clutch
63	361 287 R1	PIN, overrunning clutch
64	361 286 R1	SPRING, overrunning clutch
65	361 285 R1	PLUG, overrunning clutch
66	360 232 R1	RING, bearing carrier screw retaining (4)
67	360 652 R1	SCREW, bearing carrier (4) (optional w/360 652 R1 - Screw)
68	17 046 R1	LOCK, planet gear shaft (3) (1/8 x 1-1/8" rollpin)
69	361 282 R2	SHAFT, planet gear (3)
70	362 005 R92	GEAR SET, planet (23 and 28 tooth)(consists of three gears)
71	359 888 R1	SPACER, planet gear bearing (3)
72	364 634 R91	ROLLER SET, planet gear needle bearing (consists of 138 Rollers)
73	359 890 R2	PLATE, planet gear thrust (3)
74	ST 562	BEARING, planet carrier front
75	359 894 R1	RING, primary sun gear thrust washer snap
76	377 133 R91	BEARING, sun gear needle
77	359 895 R3	CARRIER, torque amplifier clutch
78	359 897 R1	LOCK, clutch carrier
79	359 934 R1	CUP, pressure plate spring (6)
80	369 107 R1	RING, release lever pin retaining (3)
81	369 106 R1	PIN, clutch release lever (3)

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CRAWLER TRACTORS

FRAME AND DRIVING MECHANISMS



REF. NO.	PART NUMBER	DESCRIPTION
TRANSMISSION AND TORQUE AMPLIFIER DRIVE - Cont		
82	359 937 R3	SPRING, clutch release lever (3)
83	635 167 R1 114 631	COVER, countershaft opening Cover bolt SLEEVE (4) 5/16 x 3/4" hexagon BOLT (4) 5/16" lock WASHER (4)
84	635 185 R2	GASKET, countershaft opening cover
85	152 450 R1	RING, countershaft front retaining
86	635 198 R1	BUSHING, countershaft front flange
87	635 141 R1	COUNTERSHAFT, front
88	283 375 R91	BEARING, front countershaft rear
89	635 164 R1	PLATE, countershaft front bearing retainer 3/8 x 7/8" hexagon BOLT (4) 3/8" lock WASHER (4)
90	127 711	NUT, countershaft front bearing lock
91	635 426 R91	BEARING, countershaft front
92	635 138 R11	COUNTERSHAFT, transmission (Includes BUSHING, 635 202 R1 and NUT, 127 711)
93	635 145 R1	GEAR, 47 T constant mesh
94	635 144 R1	GEAR, 37 T and 42 T third and fourth speed driving
95	635 143 R1	GEAR, 19 T and 29 T first and second speed driving
96	ST 215	BEARING, countershaft rear
97	635 202 R1	BUSHING, countershaft rear flange
98	635 142 R1	COUNTERSHAFT, rear (with P. T. O.)
99	635 201 R1	WASHER, rear thrust (with P. T. O.)
100	233 041 R1	RING, countershaft rear bearing retaining
101	635 173 R1	SPACER, countershaft gears rear
102	635 172 R1	SPACER, countershaft gears front
103	127 688	WASHER, countershaft front bearing lock
104	635 154 R1	COUPLING, countershaft
105	102 613 R91	BEARING, front countershaft front

REF. NO.	PART NUMBER	DESCRIPTION
TRANSMISSION AND TORQUE AMPLIFIER DRIVE - Cont		
106	635 140 R1	GEAR, 47 T driven
107	635 186 R1	SHIM, .010" countershaft front retaining ring
	114 631	SLEEVE, opening cover bolt (4) (not illustrated)
	636 205 R92	AMPLIFIER ASSEMBLY, torque composed of:
		1 Bearing ST 562
		1 Bearing ST 589
		1 Bearing ST 266
		1 Cage 360 643 R1
		1 Carrier 361 281 R12
		1 Gear 361 283 R32
		1 Gear Set 362 005 R92
		1 Lock 359 896 R2
		1 Lock 359 897 R1
		1 Oil Seal 361 248 R92
		3 Pin 17 046 R1
		6 Plate 359 890 R2
		1 Ramp 365 402 R1
		1 Ring 359 894 R1
		4 Ring 360 232 R1
		1 Ring 358 059 R1
		1 Roller Set 364 634 R91
		4 Screw 360 652 R1
		1 Shaft 635 188 R2
		3 Shaft 361 282 R2
		3 Spacer 359 888 R1
		1 Washer 359 891 R1
		1 Washer 359 893 R1
		1 Washer 363 666 R1
		1 Washer 360 651 R2

* Not Serviced Separately

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CRAWLER TRACTORS

FRAME AND DRIVING MECHANISMS

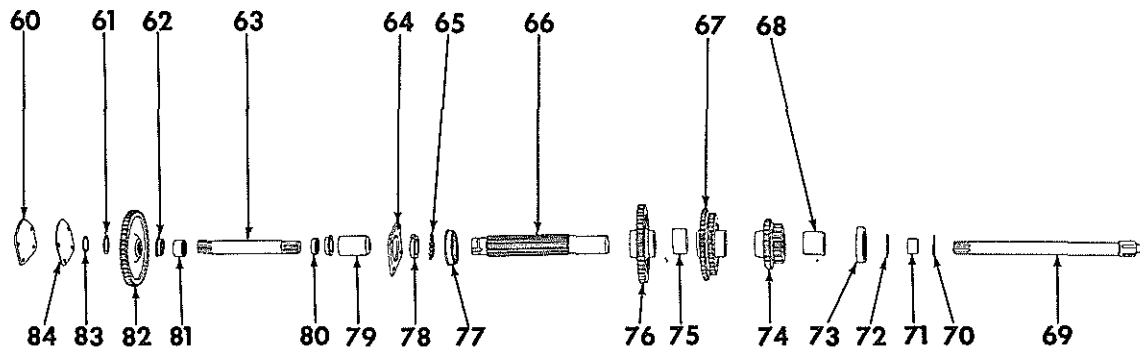
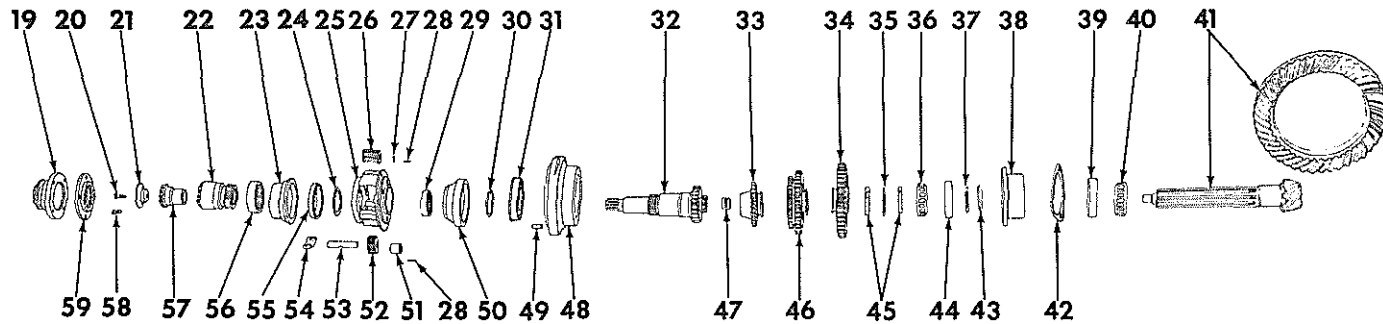
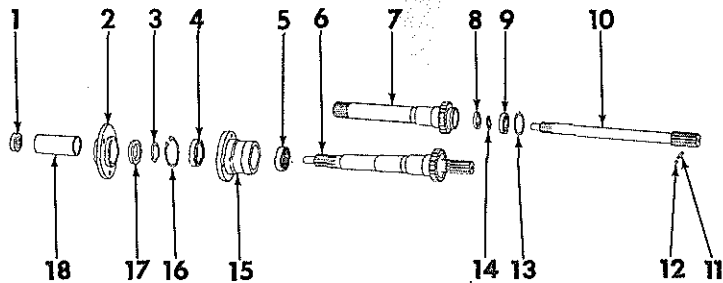


REF. NO. PART NUMBER DESCRIPTION

REF. NO. PART NUMBER DESCRIPTION

TRANSMISSION AND REVERSE DRIVE

TRANSMISSION AND REVERSE DRIVE - Cont



HB 4333



CRAWLER TRACTORS

FRAME AND DRIVING MECHANISMS



REF. NO.	PART NUMBER	DESCRIPTION
TRANSMISSION AND REVERSER DRIVE - Cont		
1	ST 575	BEARING, clutch shaft pilot
2	635 095 R12	RETAINER, clutch shaft bearing (Includes GUIDE, 635 108 R2) 3/8 x 7/8" hexagon BOLT (3) 3/8" lock WASHER (3)
3	635 194 R1	RING, shaft bearing retaining
4	ST 560	BEARING, shaft front
5	370 486 R91	BEARING, shaft rear
6	635 105 R1	SHAFT, clutch (when NOT equipped with constant running P. T. O.)
7	635 139 R1	SHAFT, power take-off driving (when equipped with constant running P. T. O.)
8	635 424 R91	OIL SEAL, clutch shaft (when equipped with constant running P. T. O.)
9	635 425 R91	BEARING, clutch shaft (when equipped with constant running P. T. O.)
10	635 106 R1	SHAFT, clutch (when equipped with constant running P. T. O.)
11	370 505 R2	SPRING, reverser poppet
12	17 010 R1	BALL, 5/16" dia. poppet spring
13	452 166 R1	RING, shaft bearing retaining (when equipped with constant running P. T. O.)
14	301 020 R11	RING, shaft bearing retaining (when equipped with constant running P. T. O.)
15	635 132 R1	RETAINER, spacer housing front 3/8 x 1-1/2" hexagon BOLT (3) 3/8" lock WASHER (3)
16	635 195 R1	RING, shaft bearing retaining (when NOT equipped with constant running P. T. O.)
17	635 571 R91	OIL SEAL, clutch shaft retainer
18	635 108 R2	GUIDE, clutch throw-out bearing
19	370 507 R2	COLLAR, spline shifter coupling 3/8-NF x 7/8" hexagon BOLT (4)
20	371 755 R2	BOLT, drive shaft retainer
21	370 752 R1	RETAINER, drive shaft
22	370 497 R2	GEAR, reverse drive sun

REF. NO.	PART NUMBER	DESCRIPTION
TRANSMISSION AND REVERSER DRIVE - Cont		
23	370 474 R1	CAGE, reverse sun gear bearing
24	357 035 R1	RING, sun gear bearing snap
25	370 485 R11	CARRIER, reverser planet (Includes BEARING, 370 486 R91) 5/16 x 1" hexagon BOLT (3) 5/16" lock WASHER (3)
26	370 491 R1	GEAR, planet long (3)
27	370 492 R2	SPACER, planet gear bearing (3)(on machines prior to serial No. #)
27	359 888 R1	SPACER, planet gear bearing (3)(on machines with serial No. # and up)
28	370 493 R1	ROLLER, planet gear bearing needle (on machines prior to serial No. #)
28	370 493 R1	ROLLER, planet gear bearing needle (69)(on machines with serial No. # and up)
29	370 486 R91	BEARING, drive shaft needle
30	357 194 R1	RING, drive shaft bearing snap
31	ST 345 A	BEARING, drive shaft
32	635 190 R1	SHAFT, transmission driving
33	706 462 R1	GEAR, 28 T fourth and fifth speed sliding
34	635 136 R1	GEAR, 41 T first and reverse speed sliding
35	708 992 R1	WASHER, spline shaft bearing lock nut
36	ST 775 A	CONE, spline shaft front bearing
37	707 501 R1	SHIM, .002" spline shaft bearing
37	707 502 R1	SHIM, .010" spline shaft bearing
37	707 503 R1	SHIM, .004" spline shaft bearing
38	704 025 R1	RETAINER, spline shaft bearing 1/2-NF x 2-3/8" hexagon BOLT (3) 1/2"-NF cad-pltd. hex. NUT (3) 1/2" Internal tooth lock WASHER (3)
39	ST 964	CUP, spline shaft rear bearing
40	63 313 R91	CONE, spline shaft rear bearing
41	704 026 R92	SHAFT AND GEAR, transmission spline (to be serviced as a unit)

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Information Not Available

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CRAWLER TRACTORS

FRAME AND DRIVING MECHANISMS



REF. NO.	PART NUMBER	DESCRIPTION
TRANSMISSION AND REVERSER DRIVE - Cont		
42	704 008 R1	SHIM, .016" bearing retainer (as required)
42	704 009 R1	SHIM, .006" bearing retainer (as required)
42	704 010 R1	SHIM, .0016" bearing retainer (as required)
42	3041 092 R1	SHIM, .015" bearing retainer (as required)
42	3041 093 R1	SHIM, .030" bearing retainer (as required)
43	707 500 R1	SPACER, spline shaft bearing
44	ST 970	CUP, spline shaft front bearing
45	751 068 R1	NUT, spline shaft bearing lock
46	709 301 R1	GEAR, 33 T and 41 T second and third speed sliding
47	704 014 R91	BEARING, spline shaft pilot
48	635 191 R11	CAGE, drive shaft bearing (Includes PIN, 141 244) 3/8 x 1-3/4" hexagon BOLT (4) 3/8" lock WASHER (4)
49	141 244	PIN, 3/8 x 1" dowel
50	635 192 R1	SPACER, reverser planet gear
51	370 489 R1	SPACER, planet gear (3)
52	370 490 R1	GEAR, planet short (3)
53	370 487 R1	SHAFT, planet gear (6)
54	370 488 R1	PLATE, planet gear thrust (6)
55	ST 626	BEARING, sun gear front
56	454 946 R91	BEARING, reverser sun gear
57	370 500 R2	COUPLING, drive spline
58	59 473 DA	LOCK, coupling collar bolt
59	370 506 R2	COUPLING, reverser spline shifter
60	635 167 R1	COVER, countershaft opening 5/16 x 3/4" hexagon BOLT (4) 5/16" lock WASHER (4) Cover bolt, SLEEVE (4)
61	635 186 R1	SHIM, .010" front retaining ring

REF. NO.	PART NUMBER	DESCRIPTION
TRANSMISSION AND REVERSER DRIVE - Cont		
62	635 198 R1	BUSHING, front flange front and rear
63	635 141 R1	COUNTERSHAFT, front
64	635 164 R1	PLATE, countershaft front bearing 3/8 x 7/8" hexagon BOLT (4) 3/8" lock WASHER (4)
65	127 688	WASHER, countershaft front bearing lock
66	635 138 R11	COUNTERSHAFT, transmission (Includes BUSHING, 635 202 R1 and NUT, 127 711)
67	635 144 R1	GEAR, 37 T and 42 T third and fourth speed driving
68	635 173 R1	SPACER, countershaft gears rear
69	635 142 R1	COUNTERSHAFT, rear (when equipped with constant running P. T. O.)
70	635 201 R1	WASHER, countershaft rear thrust (when equipped with constant running P. T. O.)
71	635 202 R1	BUSHING, countershaft rear flange
72	635 193 R1	RING, countershaft rear bearing retaining
73	ST 215	BEARING, countershaft rear
74	635 143 R1	GEAR, 19 T and 29 T first and second speed driving
75	635 172 R1	SPACER, countershaft gears front
76	635 145 R1	GEAR, 47 T constant mesh
77	635 426 R91	BEARING, countershaft front
78	127 711	NUT, countershaft front bearing lock
79	635 154 R1	COUPLING, countershaft
80	283 375 R91	BEARING, front countershaft rear
81	102 613 R91	BEARING, front countershaft front
82	635 140 R1	GEAR, 47 T driven
83	267 700 R1	RING, countershaft front retaining
84	635 185 R1	GASKET, countershaft opening cover

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CRAWLER TRACTORS

FRAME AND DRIVING MECHANISMS



REF. NO.	PART NUMBER	DESCRIPTION
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TRANSMISSION AND REVERSER DRIVE - Cont

635 189 R92 REVERSER,

composed of:

1	Bearing	ST 345 A
1	Bearing	ST 626
3	Bolt	179 818
1	Bolt	371 755 R2
1	Carrier	370 485 R11
1	Coupling	370 500 R2
3	Gear	370 490 R1
3	Gear	370 491 R1
1	Gear	370 497 R2
6	Plate	370 488 R1
1	Retainer	370 752 R1
1	Ring	357 194 R1
1	Ring	357 035 R1
69	Roller	370 493 R1
138	Roller	359 954 R1
6	Shaft	370 487 R1
3	Spacer	370 489 R1
3	Spacer	359 888 R1

REF. NO.	PART NUMBER	DESCRIPTION
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CRAWLER TRACTORS

FRAME AND DRIVING MECHANISMS



REF. NO.	PART NUMBER	DESCRIPTION
TORQUE AMPLIFIER CONTROL		
H 4312		
1	635 160 R11	ROD, engine clutch 1/2"-NF hex. jam NUT
2	635 697 R1 359 929 R1	YOKE, clutch control rod (2) Control rod yoke PIN (2) 11/32 x 7/8 x 16 gauge WASHER (2) 1/8 x 1" cotter PIN (2)
3	635 175 R91	SHAFT, amplifier clutch release
4	635 061 R1	BUSHING, spacer housing release shaft
5		FORK, amplifier clutch release (on machines prior to serial No. # order 1-360 653 R2, Fork; 2-375 559 R1-PIN and 2-142 486, Pin)
5	360 653 R2 375 559 R1 103 906 359 906 R1	FORK, amplifier clutch release (on machines with serial No. # and up) Release fork pivot PIN (2) 1/8 x 3/4" groove PIN (2) 5/32 x 3/4" Woodruff KEY (2) 3/8 x 1-1/8" special set SCREW 3/8" hex. jam NUT
6	359 903 R1	LOCK, clutch release sleeve pivot (on tractors prior to serial No. #)
7	359 904 R1	PIVOT, clutch release sleeve (on tractors prior to serial No. #)
8	359 901 R1	SPRING, amplifier clutch release sleeve
9	359 900 R1	SLEEVE, clutch control release

REF. NO.	PART NUMBER	DESCRIPTION
TORQUE AMPLIFIER CONTROL - Cont		
10	362 028 R91	BEARING, amplifier clutch release
11		LEVER, clutch control (on tractors prior to serial No. 3538, order 1-636 123 R1, Lever and 1-636 124 R11, Rod)
11	636 123 R1	LEVER, clutch control (on tractors with serial No. 3538 and up)
12	359 920 R2	SPRING, control lever grip
13	359 921 R2 359 922 R2 356 893 R2	GRIP, control lever Lever grip PIN (2) Grip pin RETAINER
14	635 153 R11	ROD, control lever pawl (on tractors prior to serial No. 3538) 9/32 x 5/8 x 16 gauge WASHER 1/8 x 3/4" cotter PIN
14	636 124 R11	ROD, control lever pawl (on tractors with serial No. 3538 and up) 9/32 x 5/8 x 16 gauge WASHER 1/8 x 3/4" cotter PIN
15	141 281	STOP, control lever (1/2 x 7/8" dowel PIN)
16	362 841 R1 131 488	BOLT, control lever pivot 1/2"-NF hex. low-crown NUT 1/2" lock WASHER
17	362 838 R1	RATCHET, control lever 3/8 x 1" hex. BOLT (2) 3/8" lock WASHER (2)
18	362 843 R1	SPRING, lever return
19	359 925 R3 362 840 R1	PAWL, control lever Pawl clevis PIN 17/32 x 7/8 x 16 gauge WASHER 1/8 x 1" cotter PIN
20	635 149 R1	CLEVIS, control rod end 1/2"-NF hex. jam NUT
21	359 909 R1	RING, release shaft retainer
22	365 963 R1	SPRING, pedal to lever

* Not Serviced Separately
Information Not Available

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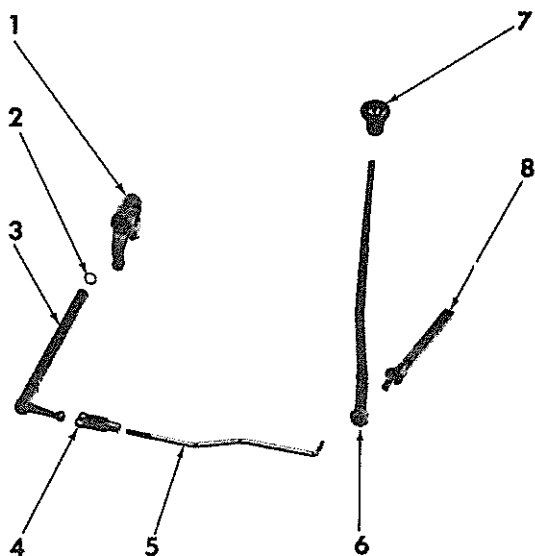
CRAWLER TRACTORS

FRAME AND DRIVING MECHANISMS



REF. NO.	PART NUMBER	DESCRIPTION
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REVERSER CONTROL



H 4310

1		FORK, selector (on machines prior to serial No. 3659, order 1-318 720 R91, Fork and 2-318 721 R1, Block)
1	318 720 R91 370 477 R1	FORK, selector (Includes PIN, 370 477 R1) (on machines with serial No. 3659 and up) Selector fork PIN 3/8 x 1-1/4" hexagon BOLT
2	350 667 R1	"O" RING, selector lever shaft
3	635 156 R11	SHAFT, selector lever
4	104 038	CLEVIS, selector lever link 3/8 x 1-3/32" rod-end dld. PIN 3/32 x 3/4" cotter PIN
5	635 440 R1	LINK, reverser selector 3/8"-NF hex. jam NUT 1/8 x 3/4" cotter PIN 13/32 x 3/4 x 16 gauge WASHER
6	370 484 R1 138 322 H	LEVER, reverser selector 3/8"-NF hex. jam NUT 1/8" lubrication FITTING
7	53 717 DA	KNOB, reverser selector lever
8	636 488 R1 636 487 R1	BRACKET, reverser lever Pivot support STUD (2) 3/8" lock WASHER (2) 19/32 x 1 x 12 gauge WASHER 3/16 x 1" cotter PIN

REF. NO.	PART NUMBER	DESCRIPTION
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REVERSER CONTROL - Cont

318 721 R1	BLOCK, selector fork (2)(for machines with serial No. 3659 and up) (not illustrated)
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* Not Serviced Separately

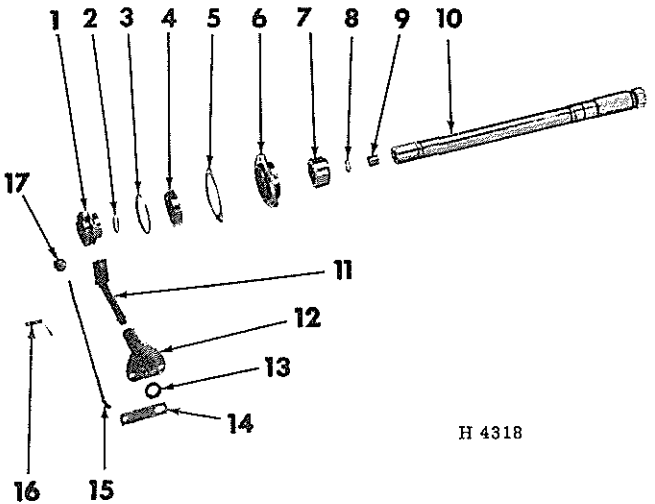
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CRAWLER TRACTORS

FRAME AND DRIVING MECHANISMS



REF. NO.	PART NUMBER	DESCRIPTION
POWER TAKE-OFF		
		
1	704 386 R1	SPOOL, P.T.O. shifter
2	659 380 R1	RING, P.T.O. shaft retaining
3	458 022 R1	RING, shaft bearing retaining
4	ST 205 A	BEARING, P.T.O. shaft
5	703 971 R1	GASKET, P.T.O. opening cover plate
6	704 387 R11	RETAINER, P.T.O. shaft seal (Includes OIL SEAL, 45 702 D) 5/16 x 1-1/8" hexagon BOLT (3) 11/32 x 3/4 x 16 gauge WASHER (3) 5/16" lock WASHER (3)
7	45 702 D	OIL SEAL, P.T.O. shaft
8	635 128 R1	SHIM, P.T.O. shaft light
8	635 200 R1	SHIM, P.T.O. shaft heavy
9	48 594 DA	BUSHING, P.T.O. shaft
10	635 118 R11	SHAFT, P.T.O. (Includes BUSHING, 48 594 DA)
11	635 119 R91	SHAFT, shifter 1/8 x 1" cotter PIN
12	635 117 R1	BRACKET, P.T.O. shifter 3/8 x 1" hexagon BOLT (3) 3/8" lock WASHER (3)
13	704 393 R91	OIL SEAL, shifter shaft
14	635 122 R1	ARM, shifter shaft outer

REF. NO.	PART NUMBER	DESCRIPTION
POWER TAKE-OFF - Cont		
15	635 124 R1	LEVER, P.T.O. shifter 11/32 x 3/4 x 16 gauge plain WASHER 1/8 x 3/4" cotter PIN
16	635 125 R1	SPRING, P.T.O. shifter lever retaining No. 8 x 1/2" slt-rd-hd. SCREW (2) No. 8 hex. NUT (2) No. 8 lock WASHER (2)
17	635 126 R1	KNOB, P.T.O. shifter lever
704 395 R96		SHIELD, P.T.O. safety (not illustrated) 5/16 x 1-1/8" hex. BOLT (3) 11/32 x 3/4 x 16 gauge WASHER (3) 5/16" lock WASHER (3)

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CRAWLER TRACTORS

FRAME AND DRIVING MECHANISMS

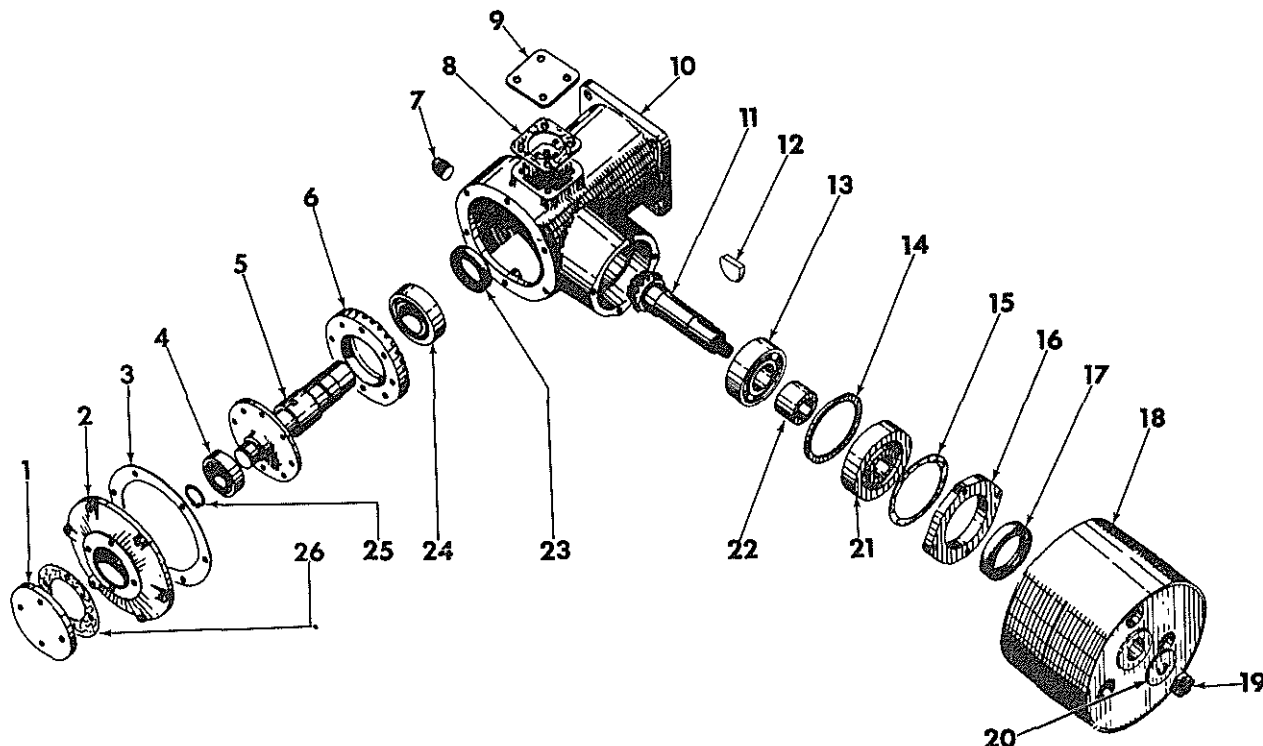


REF. NO.	PART NUMBER	DESCRIPTION
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REF. NO.	PART NUMBER	DESCRIPTION
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BELT PULLEY (Used In Conjunction With Speed Reducer)

BELT PULLEY (Used In Conjunction With Speed Reducer) - Cont



T-17-21 A

1	711 877 R1	RETAINER, bearing 3/8 x 1" hexagon BOLT (4) 3/8" lock WASHER (4)
2	704 241 R1	COVER, housing 3/8 x 1-1/8" hexagon BOLT (6) 3/8" lock WASHER (6)
3	704 239 R1	SHIM, cover heavy (as required)
3	704 240 R1	SHIM, cover light (as required)
3	707 844 R1	SHIM, cover .002" (as required)
4	ST 205 A	BEARING, shaft outer
5	704 231 R12	SHAFT, belt pulley drive 5/16-NF x 5/8" hexagon BOLT (8) 5/16" internal-tooth lock WASHER (8)
6	704 233 R2	GEAR, belt pulley bevel
7	103 869	PLUG, 3/4" sq.-hd. pipe
8	711 882 R1	GASKET, housing top cover plate
9	711 881 R1	PLATE, housing top cover 3/8 x 11/16" hexagon BOLT (4) 3/8" lock WASHER (4)

10	704 228 R11	HOUSING, pulley drive (Includes OIL SEAL, 704 229 R91 and PLUG, 103 869) 1/2 x 1-3/8" hexagon BOLT (2) 1/2 x 4-3/4" hexagon BOLT (2) 1/2" lock WASHER (4)
11	704 242 R1 117 991	PINION and SHAFT, pulley drive No. D Woodruff KEY 5/32 x 1-3/8" cotter PIN
12	117 991	KEY, pinion and shaft No. D Woodruff
13	ST 293	BEARING, pinion inner
14	706 745 R1	SPACER, .148" pinion shaft (as required)
14	711 863 R1	SPACER, .150" pinion shaft (as required)
14	711 864 R1	SPACER, .152" pinion shaft (as required)
14	711 865 R1	SPACER, .154" pinion shaft (as required)
14	711 866 R1	SPACER, .156" pinion shaft (as required)
14	711 867 R1	SPACER, .158" pinion shaft (as required)
14	711 868 R1	SPACER, .160" pinion shaft (as required)
14	711 869 R1	SPACER, .162" pinion shaft (as required)
14	711 870 R1	SPACER, .164" pinion shaft (as required)
15	711 872 R1	GASKET, pinion shaft retainer
16	704 246 R21	RETAINER, pinion shaft (Includes OIL SEAL, 704 247 R91)
17	704 247 R91	OIL SEAL, pinion shaft retainer (optional to use 704 248 R91 - Oil Seal)

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FRAME AND DRIVING MECHANISMS



REF. NO.	PART NUMBER	DESCRIPTION
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18	704 249 R11	PULLEY, belt (Includes BUSHING, 704 250 R1)
19	704 252 R1	NUT, pinion shaft
20	704 251 R1	WASHER, pulley retainer
21	137 869 H	BEARING, belt pulley pinion outer
22	704 243 R1	SPACER, belt pulley bearing
23	704 229 R91	OIL SEAL, pulley drive housing (optional to use 704 230 R91 - Oil Seal)
24	ST 264	BEARING, belt pulley shaft inner
25	704 238 R1	CIRCLIP, 35 mm. external type
26	711 304 R2	GASKET, pulley bearing retainer
	704 250 R1	BUSHING, belt pulley (not illustrated)



CRAWLER TRACTORS

STEERING AND BRAKE MECHANISM

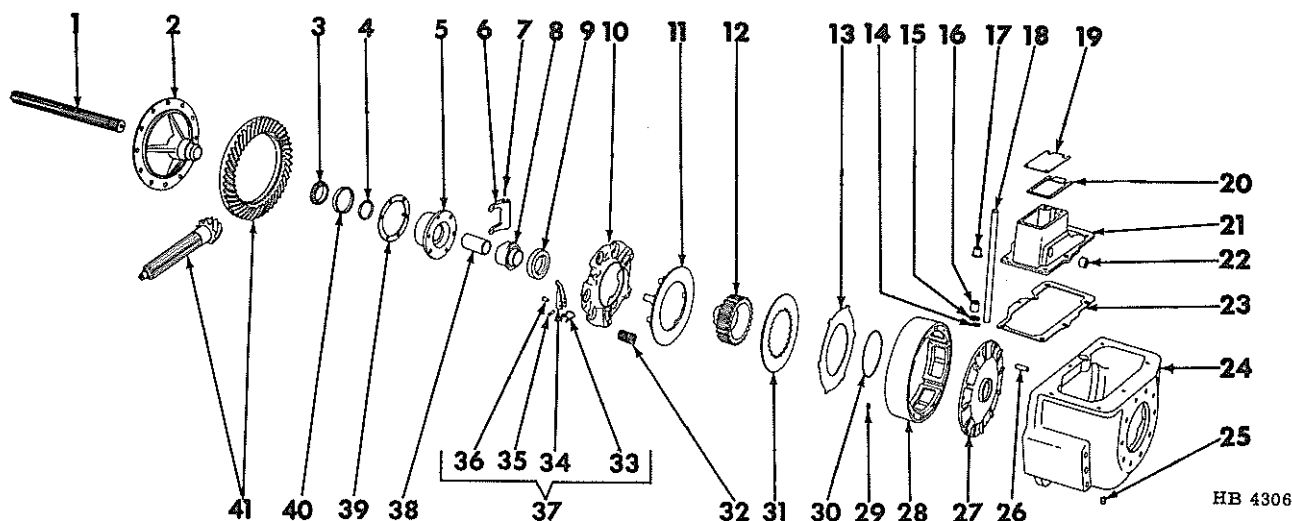


REF. NO.	PART NUMBER	DESCRIPTION
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REF. NO.	PART NUMBER	DESCRIPTION
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STEERING CLUTCH AND HOUSING

STEERING CLUTCH AND HOUSING - Cont



1	635 390 R1	SHAFT, bevel gear and hub spline
2	635 383 R2 3042 127 R1 114 607	HUB, bevel gear 7/16-NF x 1-1/8" special BOLT (12) 7/16" external tooth lock WASHER (12)
3	567 846 R91	CONE, bevel gear bearing (2)
4	567 845 R1	CUP, bevel gear bearing (2)
5	636 415 R91	OIL SEAL, bevel gear bearing (2)
6	635 382 R1	FORK, steering clutch release (2) 3/8 x 1-1/8" hexagon BOLT (4) 3/8" lock WASHER (4)
7	635 098 R1	KEY, release fork (2)
8	635 377 R1	SLEEVE, clutch release bearing (2)
9	359 957 R91	BEARING, clutch release (2)
10	352 744 R91 7 911 T 635 401 R1	PLATE, clutch back (2)(Includes SEATS, 7911 T) Lever adjusting screw SEAT (6) 5/16 x 3-1/2" hexagon BOLT (12) 21/64 x 9/16 x 22 gauge special WASHER (use as required) 5/16" hex. NUT (12) 5/16" lock WASHER (12)

10 Cont	635 557 R91	CLUTCH ASSEMBLY, steering (2) composed of: 1 Package 353 246 R91 1 Plate 351 448 R1 1 Plate 352 744 R91 6 Spring 635 561 R1
11	351 448 R1	PLATE, clutch pressure (2)
12	635 376 R1	HUB, steering clutch driving (2)(tractors prior to serial No. 3545)
12	636 416 R1	HUB, steering clutch driving (2)(tractors with serial No. 3545 and up)
13	635 384 R1	PLATE, steering clutch driven (2) / 1
14	154 665 R1	RING, release shaft retaining (2)
15		WASHER, 25/32 x 1-1/4 x 16 gauge plain (2)
16	635 057 R1	BUSHING, clutch release shaft lower (2)
17		BUSHING, release shaft upper (2)(on tractors prior to serial No. 3673 order 1-636 681 R1, Boot and 1-636 682 R1, Bushing)
17	636 682 R1	BUSHING, release shaft upper (2)(tractors with serial No. 3673 and up)
18	635 387 R1	SHAFT, clutch release left
18	635 388 R1	SHAFT, clutch release right

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CRAWLER TRACTORS

STEERING AND BRAKE MECHANISM



REF. NO.	PART NUMBER	DESCRIPTION
STEERING CLUTCH AND HOUSING - Cont		
19	635 049 R1	PLATE, housing inspection (2) 1/4 x 1/2" hexagon BOLT (2) 1/4" lock WASHER (4)
20	635 680 R2	GASKET, inspection plate (2)
21	635 009 R11	COVER, steering clutch housing left (Includes BUSHINGS, 635 060 R1) 3/8 x 1" hexagon BOLT (6) 3/8" lock WASHER (6)
21	635 010 R11	COVER, steering clutch housing right (Includes BUSHINGS, 635 060 R1) 3/8 x 1" hexagon BOLT (6) 3/8" lock WASHER (6)
22	635 060 R1	BUSHING, clutch housing cover (2)
23	635 679 R1	GASKET, clutch housing (2)
24	635 001 R12	HOUSING ASSEMBLY, steering clutch left composed of: 1 Bushing 636 682 R1 1 Bushing 635 057 R1 1 Boot 636 681 R1 * 1 Housing 2 Pin 141 287 1 Pin 108 635 1 Plug 172 548 1 Plug 636 052 R1 635 041 R1 5/8 x 2" special hexagon BOLT 1/2 x 2" hexagon BOLT (4) 1/2 x 2-3/4" hexagon BOLT 1/2" lock WASHER (5) 178 625 5/8" internal-tooth lock WASHER
24	635 002 R12	HOUSING ASSEMBLY, steering clutch right composed of: 1 Bushing 636 682 R1 1 Bushing 635 057 R1 1 Boot 636 681 R1 * 1 Housing 2 Pin 141 287 1 Pin 108 635 1 Plug 172 548 1 Plug 636 052 R1 635 041 R1 5/8 x 2" special hexagon BOLT 1/2 x 2" hexagon BOLT (4) 1/2 x 2-3/4" hexagon BOLT 1/2" lock WASHER (5) 178 625 5/8" internal-tooth lock WASHER
25	636 052 R1	PLUG, steering clutch housing drain (2) 1/8 x 1-1/8" cotter PIN (2)
26	141 287	PIN, 1/2 x 1-1/2" dowel (2)
27	635 381 R2	BASE, steering clutch (2) 5/16 x 3-1/2" hexagon BOLT (12)
635 401 R1		21/64 x 9/16 x 22 gauge special WASHER (use as required) 5/16" hex. NUT (12) 5/16" lock WASHER (12)
28	635 375 R1	DRUM, steering clutch (2)
29	635 401 R1	WASHER, 21/64 x 9/16 x 22 gauge (2)

REF. NO.	PART NUMBER	DESCRIPTION
STEERING CLUTCH AND HOUSING - Cont		
30	635 394 R1	WIRE, clutch driving hub (2)
31	635 385 R1	DISC, steering clutch friction (14)
32	635 561 R1	SPRING, clutch pressure (6)
33	51 461 D	SPRING, clutch release lever (3)
34	353 243 R91	LEVER, clutch release (3)(Includes NUT, 114 494 and SCREW, 352 745 R1)
35	51 460 D	PIN, release lever (3) 3/32 x 1/2" cotter PIN (3)
36	352 745 R1	SCREW, clutch release lever adjusting (3) 3/8"-NF hex. jam NUT (3)
37	353 246 R91	PACKAGE, release lever service composed of: 3 Lever 353 243 R91 3 Pin 51 460 D 3 Pin 103 372 3 Spring 51 461 D
38	635 386 R1	GUIDE, steering clutch release bearing (2)
39	636 718 R91	RETAINER, bevel gear bearing (2)(Includes GUIDE, 635 386 R1) 3/8 x 1-1/8" hexagon BOLT (12) 3/8" lock WASHER (12)
40	635 395 R1	SHIM, .003" bearing retainer (as required)
40	635 396 R1	SHIM, .005" bearing retainer (as required)
40	635 397 R1	SHIM, .010" bevel gear bearing retainer (as required)
41	704 026 R92	SHAFT and GEAR, transmission (to be serviced as a unit)
636 681 R1		BOOT, upper release shaft bushing weatherproofing (2)(tractors with serial No. 3673 and up)(not illustrated)

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CRAWLER TRACTORS

STEERING AND BRAKE MECHANISMS

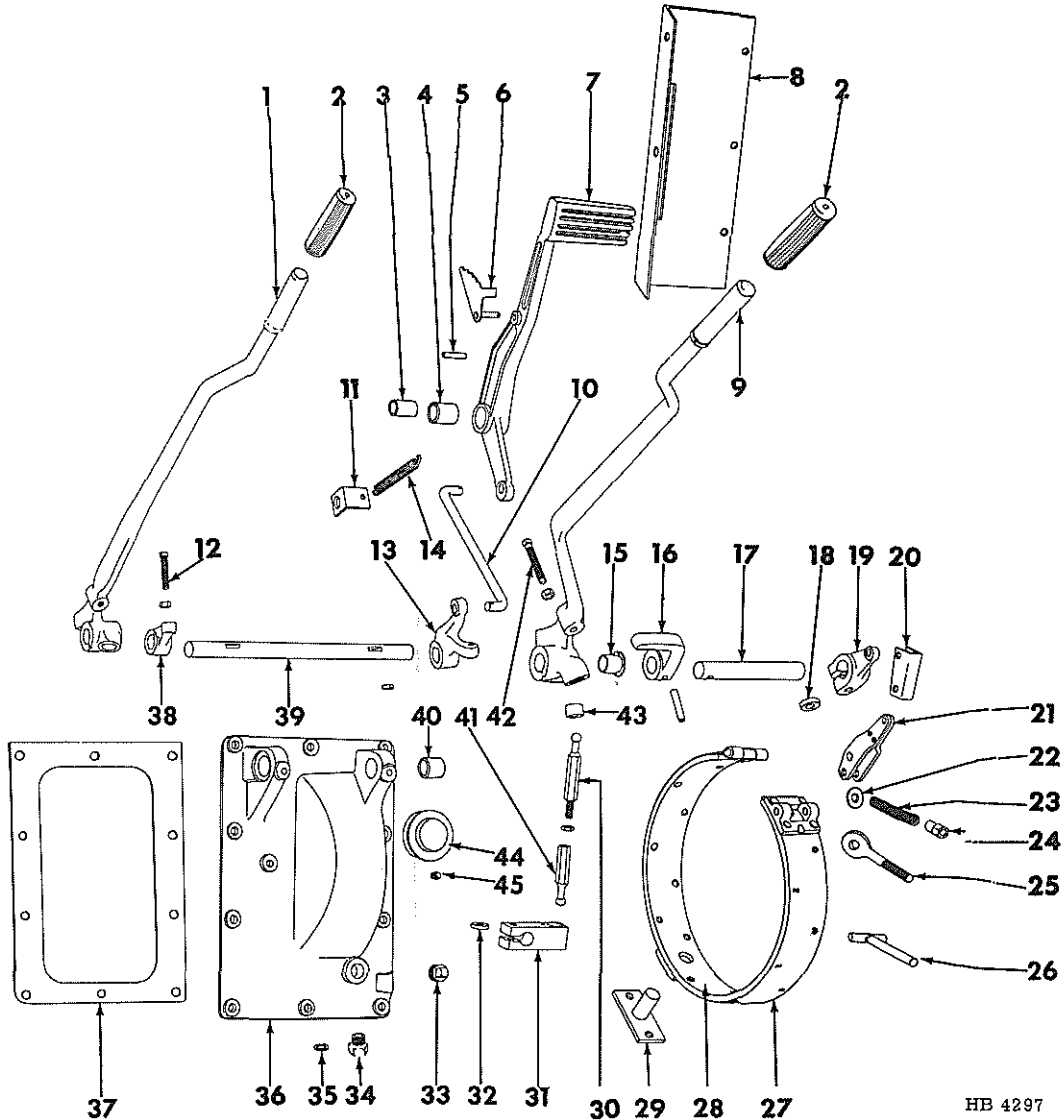


REF. NO.	PART NUMBER	DESCRIPTION
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REF. NO.	PART NUMBER	DESCRIPTION
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STEERING AND BRAKE CONTROLS

STEERING AND BRAKE CONTROLS - Cont



1		LEVER, steering left (not Low Profile)(for service on machines prior to serial No. 3315, order 1-636 223 R1 - Lever; 1-636 227 R1 - Actuating Lever; 1-636 722 R1 - Bolt and 1-120 337 - Nut)
1	636 223 R1	LEVER, steering left, (not Low Profile) (tractors with serial No. 3315 and up)
1	636 103 R1	LEVER, steering left (Low Profile)(for service on machines prior to serial No. # , order 1-636 225 R1 - Lever; 1-636 227 R1 - Actuating Lever; 1-636 722 R1 - Bolt and 1-120 377 - Nut)
1	636 225 R1	LEVER, steering left (Low Profile) (tractors with serial No. # and up)
2	635 398 R1	GRIP, steering lever

3	635 308 R2	SPACER, brake pedal pivot
4	635 091 R1	BUSHING, brake pedal pivot
5		PIN, 5/16 x 1" spirol (in main frame for brake pedal lock)
6	635 302 R21	LOCK, brake pedal 1/8 x 3/4" cotter PIN
7	635 283 R11	PEDAL, brake (Includes BUSHING 635 091 R1) 5/8 x 2-1/4" hex. BOLT 21/32 x 1-1/2 x 16 gauge WASHER 5/8" lock WASHER

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CRAWLER TRACTORS

STEERING AND BRAKE MECHANISMS



REF. NO.	PART NUMBER	DESCRIPTION
STEERING AND BRAKE CONTROLS - Cont		
8	635 269 R1	PLATE, operator's left foot 5/16 x 3/4" hex. BOLT (3) 3/8 x 3/4" hex. BOLT (2) 5/16" lock WASHER (3) 3/8" lock WASHER (2)
8	635 270 R3	PLATE, operator's right foot 5/16 x 3/4" hex. BOLT (3) 3/8 x 3/4" hex. BOLT (2) 5/16" lock WASHER (3) 3/8" lock WASHER (2)
9		LEVER, steering right (Not Low Profile) (for service on machines prior to serial No. 3315 order 1-636 224 R1 - Lever; 1-636 227 R1 - Actuating Lever; 1-636 722 R1 - Bolt and 1-120 377 - Nut)
9	636 224 R1	LEVER, steering right (Not Low Profile) (tractors with serial No. 3315 and up)
9	636 104 R1	LEVER, steering right (Low Profile)(for service on machines prior to serial No. # order 1-636 226 R1 - Lever; 1-636 227 R1 - Actuating Lever; 1-636 722 R1 - Bolt and 1-120 377 - Nut)
9	636 226 R1	LEVER, steering right (Low Profile) (tractors with serial No. # and up)
10	635 304 R1	LINK, brake pedal 1/8 x 1" cotter PIN (2) 17/32 x 1 x 11 gauge WASHER
11	635 535 R1	ANCHOR, brake pedal spring (on tractors prior to serial No. # order 1-636 592 R1 - Bracket; 1-636 593 R1 - Anchor; 1-15 432 R1 - Bolt; 1-109 084 - Nut and 1-103 319 Lockwasher)
11	636 593 R1	ANCHOR, brake pedal spring (tractors with serial No. # and up) 5/8 x 1" hex. BOLT 5/8" lock WASHER
12	635 309 R2	BOLT, special brake pedal arm (2) 3/8" cad-pltd. hex. NUT (2)
13	635 285 R1 112 139	ARM, brake pedal right 1/4 x 7/8" Woodruff KEY
14	635 534 R1	SPRING, brake pedal
15	635 399 R1	BUSHING, steering lever
16	635 280 R1	LEVER, brake actuating (2)(tractors prior to serial No. 3315) 5/16 x 1-3/4" spirol PIN (2)
16	636 227 R1	LEVER, brake actuating (2)(tractors with serial No. 3315 and up) 5/16 x 1-3/4" spirol PIN (2)
17	635 287 R1	SHAFT, brake actuating (2)

REF. NO.	PART NUMBER	DESCRIPTION
STEERING AND BRAKE CONTROLS - Cont		
18	635 305 R1	KEY, brake intermediate lever (2)
19	635 282 R1	LEVER, brake intermediate (2) 3/8 x 1-1/2" hex. BOLT (2) 3/8" lock WASHER (2)
20	635 306 R1	LINK, brake lever (2) 5/16 x 15/16 std-hd. dld. PIN (2) 1/8 x 3/4" cotter PIN (2)
21	635 292 R91	LEVER, brake floating (2)(Includes RIVETS, 104 068)
	702 269 R1	5/16 x 15/16" std-hd. dld. PIN (2)
	602 032 R1	3/8 x 2-7/16" special std-hd. dld. PIN (2) 1/8 x 3/4" cotter PIN (4) 3/16 x 5/8" button-hd. RIVET (2)
22	139 680 H	WASHER, adjusting bolt spring (2)
23	635 532 R2	SPRING, adjusting bolt (2)
24	635 307 R1	NUT, band adjusting bolt (2)
25	635 764 R1	BOLT, brake band adjusting (tractors with serial No. 548 to serial No. 2816)
	602 032 R1	3/8 x 2-7/16" special std-hd. dld. PIN 1/8 x 3/4" cotter PIN
25	636 144 R1	BOLT, brake band adjusting (2)(tractors with serial No. 2817 and up to serial No. 3548)
	602 032 R1	3/8 x 2-7/16" special std-hd. dld. PIN (2) 1/8 x 3/4" cotter PIN (2)
25	636 144 R1	BOLT, brake band adjusting (2)(tractors with serial No. 3549 and up)
	636 579 R1	Brake band PIN (2) 13/32 x 3/4 x 16 gauge WASHER (4) 1/8 x 3/4" cotter PIN (4)
26	635 295 R11	BOLT, brake band adjusting (tractors prior to serial No. 548 order 1-636 144 R1 - Bolt; 1-602 032 R1 - Pin and 1-103 384 - Pin)
27		BAND, brake (tractors prior to serial No. 3549 order 1-636 576 R91 - Band; 1-636 579 R1 - Bolt; 2-103 384 - Pin and 2-Q 1 597 Washer)
27	636 576 R91	BAND, brake (tractors with serial No. 3549 and up) composed of: * 1 Band * 1 Bracket 1 Lining Package 635 299 R11 * 1 Plate 4 Rivet 104 167 4 Rivet 113 226 2 Rivet 115 323
28	635 299 R11	PACKAGE, brake lining service (Includes RIVETS, 53 795 V)

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CRAWLER TRACTORS

STEERING AND BRAKE MECHANISMS



REF. NO.	PART NUMBER	DESCRIPTION
STEERING AND BRAKE CONTROLS - Cont		
29	635 289 R91	PIN, brake band anchor 3/8 x 3/4" hex. BOLT (2) 3/8" lock WASHER (2)
30	635 392 R1	LINK, steering clutch release shaft male (2) 1/2"-NF hex. jam NUT (2)
31	635 391 R1	ARM, steering clutch release shaft (2) 3/8 x 1-3/4" hex. BOLT (2) 3/8" hex. NUT (2) 3/8" lock WASHER (2)
32	635 098 R1	KEY, steering clutch release shaft arm (2)
33	103 869	PLUG, 3/4" sq-hd. pipe bevel gear cover (tractors with serial No. 646 and up)
34	9410 359	PLUG, "O" ring brass (tractors prior to serial No. 646)
35	570 828 R1	"O" RING, brass plug (tractors prior to serial No. 646)
36	635 008 R12	COVER, bevel gear (Includes BUSHINGS, 635 061 R1 and PLUGS, 103 865 and 103 869)(tractors prior to serial No. 646, when equipped with Remote Control Cylinder Hydraulics, 1-144 034 - Bushing and 1-635 715 R1 - Elbow will be required) 7/16 x 1-1/8" hex. BOLT 7/16" lock WASHER 636 493 R1 Bevel gear cover STUD (6) 636 492 R1 Seat support bracket & bevel gear cover STUD (3) 456 939 7/16"-NF special hex. NUT (9) 107 824 7/16"-NF special stamped NUT (9)
37	635 055 R2	GASKET, bevel gear cover
38	635 284 R1 112 139	ARM, brake pedal left 1/4 x 7/8" Woodruff KEY
39	635 288 R1	SHAFT, brake and steering cross
40	635 061 R1	BUSHING, bevel gear cover
41	635 393 R1	LINK, steering clutch release shaft female (2)
42	636 417 R1	BOLT, steering lever stop (2)(3/8 x 2-3/4" special hexagon BOLT)(tractors prior to serial No. 3315) 3/8" hex. NUT (2)
42	636 722 R1	BOLT, steering lever stop (2)(3/8 x 2" special hexagon BOLT)(tractors with serial No. 3315 and up) 3/8" cad-pltd. hex. NUT (2)
43	635 389 R1	INSERT, steering lever (2)
44	364 679 R91	BREATHER, transmission

REF. NO.	PART NUMBER	DESCRIPTION
STEERING AND BRAKE CONTROLS - Cont		
45	103 865	PLUG, 1/8" sq-hd. pipe bevel gear cover
636 592 R1		BRACKET, brake pedal spring (tractors with serial No. # and up) (not illustrated)
15 432 R1		1/4 x 1-1/4" step BOLT 1/4" hex. NUT 1/4" lock WASHER

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CRAWLER TRACTORS

FINAL DRIVE



REF. NO.	PART NUMBER	DESCRIPTION
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FINAL DRIVE AND HOUSING SERVICE PACKAGES

636 717 R91	HOUSING, final drive (2)(38" gauge tractors prior to serial No. 3673)
	composed of:
	2 Bolt 179 890
	1 Cup 29 214 H
	1 Cup 618 024 R1
	1 Gasket 635 076 R1
	* 2 Housings
	2 Lockwasher 103 323
	2 Nut 102 637
	2 Pin 141 242
	3 Plug 444 697
	1 Ring 617 933 R1

HOUSING, final drive (2)(48" and 68" gauge tractors prior to serial No. 3673, order 1-636 760 R91 - Final Drive Housing and Shaft Service Package)

636 760 R91	PACKAGE, final drive housing and shaft service (48" and 68" gauge tractors prior to serial No. 3673)
	composed of:
	6 Bolt 179 816
	1 Cap 636 809 R1
	1 Cover 636 826 R91
	1 Gasket 635 076 R1
	1 Gasket 636 817 R1
	1 Housing 636 793 R91
	6 Lockwasher 103 320
	1 Package 636 818 R91
	1 Pin 19 506 R1
	1 Shaft 636 749 R91
	2 Shim 636 808 R1
	1 Spacer 636 807 R1
	1 Spacer 636 822 R1

636 793 R91	HOUSING, final drive (2)(on tractors with serial No. 3673 and up)
	composed of:
	2 Bolt 179 890
	1 Cup 29 214 H
	1 Cup 65 681 R1
	1 Gasket 635 076 R1
	* 2 Housings
	2 Lockwasher 103 323
	2 Nut 102 637
	2 Pin 141 242
	3 Plug 444 697

PACKAGE, final drive and housing service (on 38" gauge tractors prior to serial No. 3673, order 1-636 436 R93, Final Drive And Housing Service Package)

REF. NO.	PART NUMBER	DESCRIPTION
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FINAL DRIVE AND HOUSING SERVICE PACKAGES - Cont

636 436 R93	PACKAGE, final drive and housing service (on 38" gauge tractors from serial No. 3673 and up)
	composed of:
	1 Bearing 635 073 R1
	1 Bearing 635 074 R1
	1 Bearing 112 822 R91
	1 Bearing 360 665 R91
	3 Bolt 179 793
	3 Bolt 179 839
	7 Bolt 179 890
	2 Bolt 179 896
	2 Bolt 190 270
	1 Cap 635 071 R1
	1 Cone 560 133 R91
	1 Cone 618 023 R91
	2 Gasket 635 077 R1
	1 Gasket 635 078 R1
	1 Gear 635 578 R1
	1 Housing 636 717 R91
	3 Lockwasher 103 319
	3 Lockwasher 103 321
	11 Lockwasher 103 323
	11 Nut 102 637
	1 Oil Seal 636 496 R91
	* 1 Retainer
	1 Ring 610 906 R1
	1 Shaft 636 804 R91
	1 Spacer 635 069 R1
	1 Spacer 635 070 R1
	2 Washer 636 376 R1

PACKAGE, final drive and housing service (on 48" and 68" gauge tractors prior to serial No. 3673, order 1-636 819 R91, Final Drive and Housing Service Package)

636 819 R91	PACKAGE, final drive and housing service (on 48" and 68" gauge tractors from serial No. 3673 and up)
	composed of:
	1 Bearing 635 073 R1
	1 Bearing 635 074 R1
	3 Bolt 179 816
	3 Bolt 179 839
	7 Bolt 179 890
	2 Bolt 179 896
	2 Bolt 190 270
	1 Cone 560 133 R91
	1 Cone 636 826 R91
	1 Cap 636 809 R1
	1 Gasket 635 076 R1
	2 Gasket 635 077 R1
	1 Gasket 636 817 R1
	1 Housing 636 793 R91
	3 Lockwasher 103 320
	3 Lockwasher 103 321
	11 Lockwasher 103 323
	11 Nut 102 637
	1 Nut 636 751 R1
	1 Spacer 636 822 R1
	1 Spacer 636 807 R1
	2 Shim 636 808 R1
	1 Spacer 635 070 R1
	1 Pin 19 506 R1
	1 Ring 636 491 R1
	1 Gear 635 578 R1
	1 Package 636 818 R91



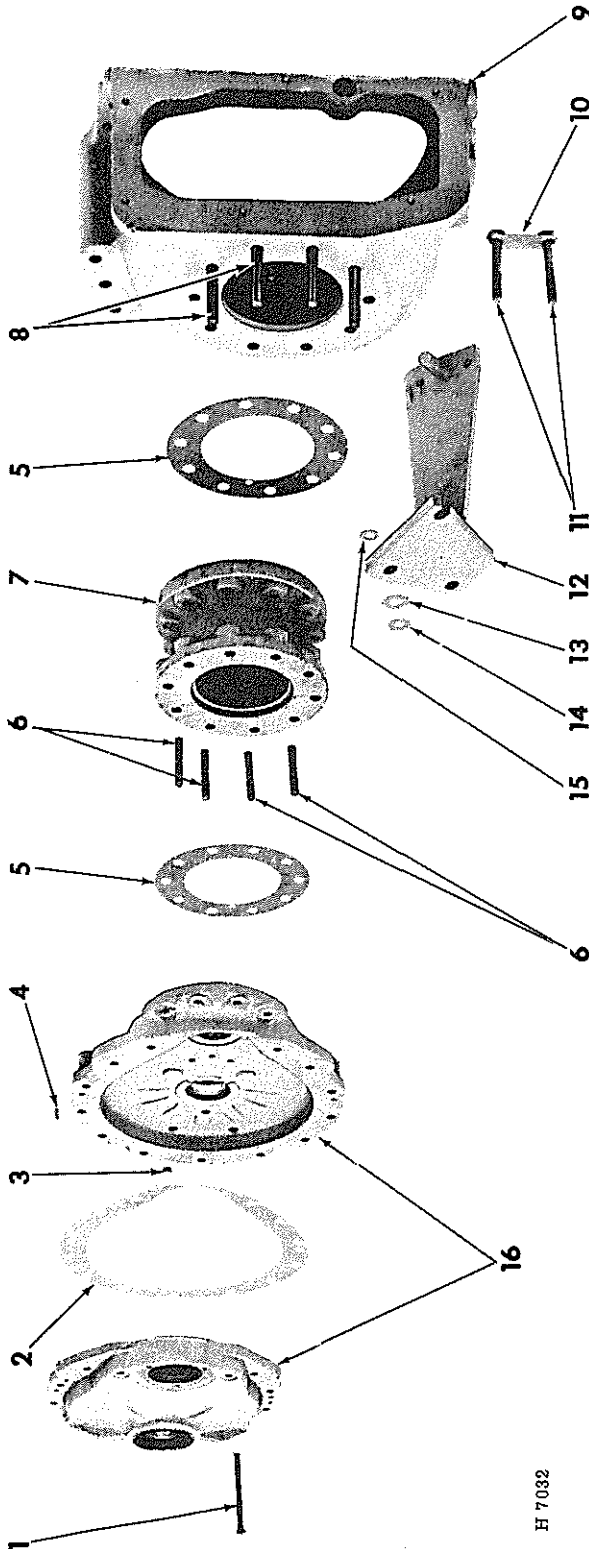
CRAWLER TRACTORS

FINAL DRIVE



REF. NO.	PART NUMBER	DESCRIPTION
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FINAL DRIVE HOUSING AND SPACER



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REF. NO.	PART NUMBER	DESCRIPTION
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FINAL DRIVE HOUSING AND SPACER - Cont

1	635 036 R1	BOLT, 1/2-NF x 3" special hexagon gauge spacer or steering clutch housing (8) (48" and 68" gauge) 1/2"-NF special hex. NUT (8) 1/2" lock WASHER (8)
1	635 038 R1	BOLT, 1/2-NF x 6-1/4" special hexagon gauge spacer or steering clutch housing (4)
225 857		1/2"-NF special hex. NUT (4) 1/2" lock WASHER (4)
2	635 076 R1	GASKET, final drive housing (2)
3	444 697	PLUG, 3/8" hex. soc. inner housing pipe (6)
4	141 242	PIN, 3/8 x 7/8" housing to housing dowel (4)
5	635 079 R2	GASKET, gauge spacer (2-38" track gauge; 4-48" and 68" track gauge)
6	636 433 R1	STUD, gauge spacer (16)
225 857		1/2"-NF special hex. NUT (16) 1/2" lock WASHER (16)
7		SPACER, gauge (2)(48" track gauge)(on tractors prior to serial No. # order 1-635 011 R31)
7	635 011 R31	SPACER, gauge (Includes PLUG, 103 866) (2)(48" track gauge)(on tractors with serial No. # and up) 1/4" sq-hd. pipe PLUG (2)
7	635 012 R11	SPACER, gauge (Includes PLUG, 103 865) (2)(68" track gauge) 1/8" sq-hd. pipe PLUG (2)
8	636 434 R1	STUD, final drive housing to steering clutch housing (8)(38" track gauge only) (bottom four)
225 8 7		1/2"-NF special hex. NUT (8) 1/2" lock WASHER (8)
8	636 555 R1	STUD, final drive housing to steering clutch housing (8)(38" track gauge only) (top four)
225 857		1/2"-NF special hex. NUT (8) 1/2" lock WASHER (8)
9		HOUSING, steering clutch (Refer to "STEERING CLUTCH")
10	635 022 R1	LOCK, bolt (6)
11	635 037 R1	BOLT, 1/2-NF x 3-1/2" special hexagon gauge spacer (12)
225 857		1/2"-NF special hex. NUT (12) 1/2" lock WASHER (12)

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CRAWLER TRACTORS

FINAL DRIVE



REF. NO.	PART NUMBER	DESCRIPTION
FINAL DRIVE HOUSING AND SPACER - Cont		
12	636 054 R92	REINFORCEMENT, final drive housing left (for use on tractors with the final drive in the standard vertical position) 3/8 x 1" hex. BOLT (2) 1/2 x 1-7/8" hex. BOLT 1/2 x 4-3/4" hex. BOLT (2) 1/2" hex. NUT (2) 3/8" lock WASHER (2) 1/2" lock WASHER (3)
12	636 055 R92	REINFORCEMENT, final drive housing right (for use on tractors with the final drive in the standard vertical position) 3/8 x 1" hex. BOLT (2) 1/2 x 1-7/8" hex. BOLT 1/2 x 4-3/4" hex. BOLT (2) 1/2" hex. NUT (2) 3/8" lock WASHER (2) 1/2" lock WASHER (3)
12	636 267 R92	REINFORCEMENT, final drive housing left (for use on tractors with the final drive in the forward position) 3/8 x 1" hex. BOLT (2) 1/2 x 1-7/8" hex. BOLT 1/2 x 4-3/4" hex. BOLT (2) 1/2" hex. NUT (2) 3/8" lock WASHER (2) 1/2" lock WASHER (3)
12	636 268 R92	REINFORCEMENT, final drive housing right (for use on tractors with the final drive in the forward position) 3/8 x 1" hex. BOLT (2) 1/2 x 1-7/8" hex. BOLT 1/2 x 4-3/4" hex. BOLT (2) 1/2" hex. NUT (2) 3/8" lock WASHER (2) 1/2" lock WASHER (3)
13		WASHER, 17/32 x 1-1/2 x 22 gauge (to be used as shims)
14		WASHER, 17/32 x 1-1/4 x 16 gauge (6)
15		WASHER, 17/32 x 1 x 11 gauge (6)
16		HOUSING, final drive inner or outer (*) (for 38" track gauge tractors, prior to serial No. 3673, order 1-636 717 R91 - Housing)
16		HOUSING, final drive inner or outer (*) (for 48" or 68" track gauge tractors prior to serial No. 3673, order 1-636 760 R91 - Final Drive Housing and Service Package)

REF. NO.	PART NUMBER	DESCRIPTION
FINAL DRIVE HOUSING AND SPACER - Cont		
16 Cont		HOUSING, final drive inner or outer (*) (for tractors with serial No. 3673 and up, order 1-636 793 R91 - Housing) 1/2 x 4-1/4" hex. BOLT (2) 1/2 x 2-1/4" hex. BOLT (5) (when tractor is in either forward or reversed track frame position two - 1/2 x 3-3/4" hex. BOLT w/NUT and lock WASHER replaces two - 1/2 x 2-1/4" hex. BOLT w/NUT) 1/2 x 2-1/4" hex. BOLT (2) 1/2 x 3-3/4" hex. BOLT (2) 1/2"-NF special hex. NUT (11) 1/2" lock WASHER (11)
225 857		
636 447 R91		PARTS ACCESSORY, final drive reinforce- ment (for tractors with the final drive in the standard vertical position) composed of: 2 Bolt 179 888 4 Bolt 187 201 4 Bolt 179 839 4 Nut 102 637 6 Lockwasher 103 323 4 Lockwasher 103 321 1 Reinforcement 636 054 R92 1 Reinforcement 636 055 R92 6 Washer 16 038 R1 6 Washer 12 026 R1 12 Washer 63 626 H
636 484 R91		PARTS ACCESSORY, final drive reinforce- ment (for tractors with the final drive in the forward position) composed of: 2 Bolt 179 888 4 Bolt 187 201 4 Bolt 179 839 2 Nut 102 637 6 Lockwasher 103 323 4 Lockwasher 103 321 1 Reinforcement 636 267 R92 1 Reinforcement 636 268 R92 6 Washer 16 038 R1 6 Washer 12 026 R1 12 Washer 63 626 H

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CRAWLER TRACTORS

FINAL DRIVE



REF. NO.	PART NUMBER	DESCRIPTION
FINAL DRIVE		
1		SHAFT, final drive bull gear (Refer to "FINAL DRIVE BULL GEAR SHAFT")
2	635 062 R21	RETAINER, pinion bearing (2)(Includes BEARING, 360 665 R91)
3	635 077 R1	GASKET, pinion bearing retainer (use as required)
4	95 792 R91	BEARING, pinion shaft outer (2)(for machines prior to serial No. 3188)
4	360 665 R91	BEARING, pinion shaft outer (2)(for machines with serial No. 3188 and up)
5	635 074 R1	BEARING, pinion thrust outer (2)
6	635 575 R11	SHAFT, final drive pinion (2)(38" gauge)
6	635 576 R11	SHAFT, final drive pinion (2)(48" gauge)
6	635 577 R11	SHAFT, final drive pinion (2)(68" gauge)
7	635 072 R1	WASHER, pinion thrust (2)
8	635 073 R1	BEARING, pinion thrust inner (2)
9	112 822 R91	BEARING, pinion shaft needle (2)(38" gauge)
9	112 822 R91	BEARING, pinion shaft needle (4)(48" gauge)
9	112 822 R91	BEARING, pinion shaft needle outer (2)(68" gauge)
9	636 418 R91	BEARING, pinion shaft needle inner (2)(68" gauge)
10	636 415 R91	OIL SEAL, pinion shaft (2)
11	635 071 R1	CAP, bull gear shaft (2)(machines prior to serial No. 3673)
11	636 809 R1	CAP, bull gear shaft (2)(machines with serial No. 3673 and up)
12	635 078 R1	GASKET, bull gear shaft cap (2)(machines prior to serial No. 3673)
12	636 817 R1	GASKET, bull gear shaft cap (2)(machines with serial No. 3673 and up)

REF. NO.	PART NUMBER	DESCRIPTION
FINAL DRIVE - Cont		
1		SHAFT, final drive bull gear (Refer to "FINAL DRIVE BULL GEAR SHAFT")
2	635 062 R21	RETAINER, pinion bearing (2)(Includes BEARING, 360 665 R91)
3	635 077 R1	GASKET, pinion bearing retainer (use as required)
4	95 792 R91	BEARING, pinion shaft outer (2)(for machines prior to serial No. 3188)
4	360 665 R91	BEARING, pinion shaft outer (2)(for machines with serial No. 3188 and up)
5	635 074 R1	BEARING, pinion thrust outer (2)
6	635 575 R11	SHAFT, final drive pinion (2)(38" gauge)
6	635 576 R11	SHAFT, final drive pinion (2)(48" gauge)
6	635 577 R11	SHAFT, final drive pinion (2)(68" gauge)
7	635 072 R1	WASHER, pinion thrust (2)
8	635 073 R1	BEARING, pinion thrust inner (2)
9	112 822 R91	BEARING, pinion shaft needle (2)(38" gauge)
9	112 822 R91	BEARING, pinion shaft needle (4)(48" gauge)
9	112 822 R91	BEARING, pinion shaft needle outer (2)(68" gauge)
9	636 418 R91	BEARING, pinion shaft needle inner (2)(68" gauge)
10	636 415 R91	OIL SEAL, pinion shaft (2)
11	635 071 R1	CAP, bull gear shaft (2)(machines prior to serial No. 3673)
11	636 809 R1	CAP, bull gear shaft (2)(machines with serial No. 3673 and up)
12	635 078 R1	GASKET, bull gear shaft cap (2)(machines prior to serial No. 3673)
12	636 817 R1	GASKET, bull gear shaft cap (2)(machines with serial No. 3673 and up)

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H 7039



CRAWLER TRACTORS

FINAL DRIVE



REF. NO.	PART NUMBER	DESCRIPTION
FINAL DRIVE - Cont		
13	618 023 R91	CONE, bull gear shaft inner bearing (2) (machines prior to serial No. 3673)
	617 933 R1	Inner bearing retaining RING (2)
13	636 826 R91	CONE, bull gear shaft inner bearing (2) (machines with serial No. 3673 and up)
14	618 024 R1	CUP, bull gear shaft inner bearing (2) (machines prior to serial No. 3673)
14	65 681 R1	CUP, bull gear shaft inner bearing (2) (machines with serial No. 3673 and up)
15	659 380 R1	RING, bull gear spacer retaining (2) (machines prior to serial No. 3673)
15	636 822 R1	RING, bull gear spacer retaining (2) (machines with serial No. 3673 and up)
16	636 376 R1	SHIM, bull gear spacer retaining ring (use as required)(machines prior to serial No. 3673)
16	636 808 R1	SHIM, bull gear spacer retaining ring (use as required)(machines with serial No. 3673 and up)
17	635 069 R1	SPACER, bull gear inner (2)(machines prior to serial No. 3673)
17	636 807 R1	SPACER, bull gear inner (2)(machines with serial No. 3673 and up)
18	635 578 R1	GEAR, 49 T final drive bull (2)(prior to serial No. #)
18	636 697 R1	GEAR, 49 T final drive bull (2)(machines with serial No. # and up)
19	635 070 R1	SPACER, bull gear outer (2)
20	29 214 H	CUP, bull gear shaft outer bearing (2)
21	560 133 R91	CONE, bull gear shaft outer bearing (2)
22	636 491 R1	RING, bull gear shaft outer bearing spacer (2)
23	635 084 R91	OIL SEAL, bull gear shaft (2)(for service order 1-636 804 R91, Bull Gear Shaft Service Package; 1-636 496 R91, Oil Seal Package and 1-636 491 R1, Spacer Ring)
	636 496 R91	PACKAGE, bull gear shaft oil seal service (for service on tractors prior to serial No. 3673)(Includes OIL SEAL and LOCATOR)

REF. NO.	PART NUMBER	DESCRIPTION
FINAL DRIVE - Cont		
	636 818 R91	PACKAGE, bull gear shaft oil seal service (for service on machines with serial No. 3673 and up)(Includes OIL SEAL, LOCATOR, SPACER and WASHER)

* Not Serviced Separately
Information Not Available

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CRAWLER TRACTORS

FINAL DRIVE



REF. NO.	PART NUMBER	DESCRIPTION
FINAL DRIVE BULL GEAR SHAFT		
1		SHAFT less oil seal guard, bull gear (2) (for use on machines prior to serial No. 3673 when equipped with Oil Seal, 635 084 R91)(for service supply 1-636 804 R91, Bull Gear Shaft Service Package; 1-636 496 R91, Oil Seal Service Package and 1-636 491 R1 Spacer Ring)
1		SHAFT with oil seal guard, bull gear (2) (for use on machines prior to serial No. 3673 when equipped with Oil Seal Package, 636 496 R91)(for service order 1-636 804 R91, Bull Gear Shaft Service Package)
2		OIL SEAL GUARD, bull gear shaft (2)(*) (used on shaft equipped with Oil Seal Package, 636 496 R91)
3		NUT and WASHERS, bull gear shaft retaining (on machines prior to serial No. 3673)(for service order 1-636 850 R91, Bull Gear Shaft Lock Nut Service Package)
4	636 804 R91	PACKAGE, bull gear shaft service (with oil seal guard)(2)(for use on machines prior to serial No. 3673 when equipped with Oil Seal Package, 636 496 R91) composed of: 1 Nut 636 806 R1 1 Pin 19 979 R1 * 1 Shaft
5	19 979 R1	PIN, retaining nut (2)(on machines prior to serial No. 3673 when Bull Gear Shaft Service Package, 636 804 R91 has been installed)

REF. NO.	PART NUMBER	DESCRIPTION
FINAL DRIVE BULL GEAR SHAFT - Cont		
6	636 806 R1	NUT, bull gear shaft retaining (2)(on machines prior to serial No. 3673 when Bull Gear Shaft Service Package, 636 804 R91 has been installed)
7	636 850 R91	PACKAGE, bull gear shaft lock nut service (2)(for service on machines prior to serial No. 3673)(includes NUT, 636 851 R1; SCREW, 171 656 and WASHER, 636 852 R1)
8	636 852 R1	WASHER, bull gear shaft lock nut (2)(on machines prior to serial No. 3673 when 636 850 R91, Lock Nut Service Package has been installed)
9	636 851 R1	NUT, bull gear shaft retaining (2)(on machines prior to serial No. 3673 when 636 850 R91, Lock Nut Service Package has been installed)
10	171 656	SCREW, No. 6 x 1/2" pan-hd. self-tapping cad-pltd. lock nut (2)(on machines prior to serial No. 3673 when 636 850 R91, Lock Nut Service Package has been installed)
11	636 749 R91	SHAFT, bull gear (2)(on machines with serial No. 3673 and up)(includes NUT, 636 751 R1)
12	636 751 R1	NUT, bull gear shaft retaining (2)(on machines with serial No. 3673 and up)
	19 506 R1	3/16 x 2" spirol PIN (2)
13	19 506 R1	PIN, 3/16 x 2" retaining nut spirol (2)(on machines with serial No. 3673 and up)
	636 714 R91	PACKAGE, final drive bull gear shaft conversion (2)(on machines prior to serial No. 3673 for converting a bull gear shaft less oil seal guard) composed of: 1 Package 636 496 R91 1 Ring 636 491 R1 1 Washer 636 437 R1

* Not Serviced Separately

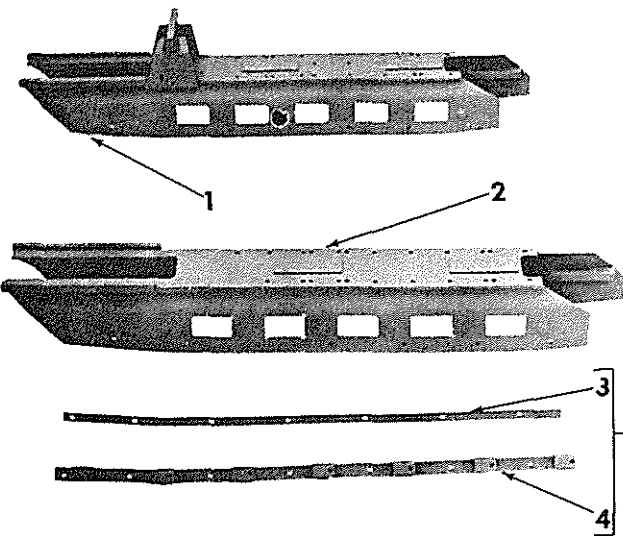
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CRAWLER TRACTORS

TRACK DRIVE



REF. NO.	PART NUMBER	DESCRIPTION
TRACK FRAME		
		
H 6752		
1	635 230 R94	FRAME, 4 roller track left
1	635 231 R94	FRAME, 4 roller track right
1	635 232 R93	FRAME, 5 roller track left (for tractors equipped with Side Mounted Spring Front Idler Adjustment)
1	635 233 R93	FRAME, 5 roller track right (for tractors equipped with Side Mounted Spring)
2	636 464 R92	FRAME, 5 roller track left (for tractors equipped with Enclosed Spring Front Idler Adjustment)
2	636 465 R92	FRAME, 5 roller track right (for tractors equipped with Enclosed Spring Front Idler Adjustment)
3	635 651 R91	SUPPORT AND GUIDE, 4 roller track chain left 1/2 x 1-1/2" hexagon BOLT (6) 1/2" lock WASHER (6)
3	635 653 R91	SUPPORT AND GUIDE, 5 roller track chain left 1/2 x 1-1/2" hexagon BOLT (7) 1/2" lock WASHER (7)
3	635 652 R91	SUPPORT AND GUIDE, 4 roller track chain right 1/2 x 1-1/2" hexagon BOLT (6) 1/2" lock WASHER (6)
3	635 654 R91	SUPPORT AND GUIDE, 5 roller track chain right 1/2 x 1-1/2" hexagon BOLT (7) 1/2" lock WASHER (7)

REF. NO.	PART NUMBER	DESCRIPTION
TRACK FRAME - Cont		
4	635 658 R1	GUIDE, 4 roller track chain left 7/16 x 1-1/8" csk-hd. RIVET (6)
4	635 660 R1	GUIDE, 5 roller track chain left 7/16 x 1-1/8" csk-hd. RIVET (7)
4	635 659 R1	GUIDE, 4 roller track chain right 7/16 x 1-1/8" csk-hd. RIVET (6)
4	635 661 R1	GUIDE, 5 roller track chain right 7/16 x 1-1/8" csk-hd. RIVET (7)
5	636 245 R91	PARTS ACCESSORY, track guide (tractors with 4 roller track frame) composed of: 24 Bolt 179 883 2 Guide 635 658 R1 2 Guide 635 659 R1 24 Lockwasher 103 323 24 Rivet 13 999 R1 2 Support 635 651 R91 2 Support 635 652 R91
5	636 246 R91	PARTS ACCESSORY, track guide (tractors with 5 roller track frame) composed of: 28 Bolt 179 883 2 Guide 635 660 R1 2 Guide 635 661 R1 28 Lockwasher 103 323 28 Rivet 13 999 R1 2 Support 635 653 R91 2 Support 635 654 R91

* Not Serviced Separately

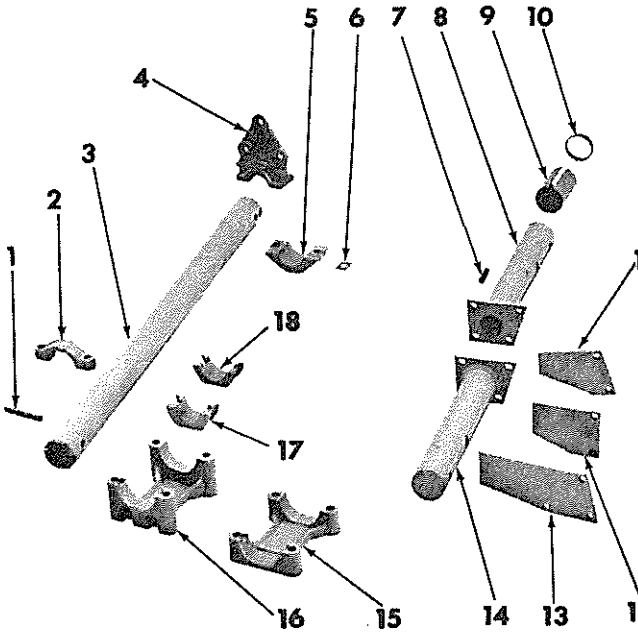
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CRAWLER TRACTORS

TRACK DRIVE



REF. NO.	PART NUMBER	DESCRIPTION
GAUGE BARS AND RELATED PARTS (2-3/4" Dia., - NOT Low Profile)		
		
1	635 015 R1	PIN, gauge bar alignment (4)
2	635 206 R1 635 046 R1	CAP, gauge bar mounting pad (4) 5/8 x 6" special hexagon BOLT (16) 5/8" lock WASHER (16)
3	635 016 R1	BAR, front gauge (38" gauge)
3	635 018 R1	BAR, front gauge (48" gauge)
4	635 013 R1 635 608 R1	BRACKET, gauge bar mounting (4) 3/4-NF x 1-3/4" special BOLT (12) 3/4"-NF hex. NUT (12) 3/4" lock WASHER (12)
5	635 014 R1 635 040 R1	CAP, gauge bar bracket (4) 5/8 x 1-3/4" special hexagon BOLT (8) 5/8" lock WASHER (8)
6	635 627 R1	LOCK, mounting bracket cap BOLT (8)
7	636 435 R1	STUD, rear gauge bar (4) 5/8"-NF hex. NUT (4) 5/8" lock WASHER (4)
8	635 025 R91	BAR, rear gauge right (38" gauge)
8	635 027 R91	BAR, rear gauge right (48" gauge)
9	635 909 R1	SPACER, gauge bar inner (4)(required to mount No. 280 Wagner Loader)
10	635 910 R1	SPACER, gauge bar outer (2)(required to mount No. 15 Bullgrader)
11	635 082 R1	STOP, final drive gauge bar (2)(when track frame in the forward position)(not applicable to 38" gauge) 1/2 x 2-3/4" hexagon BOLT (2) 1/2 x 4-1/4" hexagon BOLT (2) 1/2" hex. NUT (4) 1/2" lock WASHER (4)

H 6971

REF. NO.	PART NUMBER	DESCRIPTION
GAUGE BARS AND RELATED PARTS - Cont (2-3/4" Dia., - NOT Low Profile)		
12	635 081 R1	STOP, final drive gauge bar (2)(for 38", 48" or 68" gauge when track frame in the standard central position) 1/2 x 4-1/4" hexagon BOLT (4) 1/2" hex. NUT (4) 1/2" lock WASHER (4)
13	635 083 R1	STOP, final drive gauge bar (2)(when track frame in the rearward position)(not applicable to 38" gauge) 1/2 x 2-3/4" hexagon BOLT (2) 1/2 x 4-1/4" hexagon BOLT (2) 1/2" hex. NUT (4) 1/2" lock WASHER (4)
14	635 024 R91	BAR, rear gauge left (38" gauge)
14	635 026 R91	BAR, rear gauge left (48" gauge)
15	635 205 R1 635 045 R1	PAD, gauge bar mounting (4)(when track frame in the forward or rearward position) 5/8 x 4-1/2" special hexagon BOLT (16) 5/8" lock WASHER (16)
16	635 204 R1 635 046 R1	PAD, gauge bar mounting (4)(when tractor frame in the standard central position) 5/8 x 6" special hexagon BOLT (16) 5/8" lock WASHER (16)
17	635 908 R1	SPACER, gauge bar mounting pad (16) (required to mount No. 280 Wagner Loader or No. 15 Bullgrader)
18	635 225 R1	INSULATOR, gauge bar rubber
	635 911 R91	PACKAGE, gauge bar adaptor (required to mount No. 15 Bullgrader or No. 280 Wagner Loader) composed of: 16 Bolt 635 904 R1 16 Spacer 635 908 R1 4 Spacer 635 909 R1 2 Spacer 635 910 R1
	635 904 R1	BOLT, 5/8 x 6-1/2" special track gauge bar mounting pad (16)(required to mount No. 280 Wagner Loader or No. 15 Bullgrader)(not illustrated)
	636 181 R91	PARTS ACCESSORY, front and rear track frame position (not applicable to 38" gauge) composed of: 2 Bolt 179 892 2 Bolt 179 896 1 Bolt 271 554 16 Bolt 635 045 R1 4 Lockwasher 103 323 17 Lockwasher 103 325 4 Pad 635 205 R1 4 Nut 102 637 2 Stop 635 082 R1 2 Stop 635 083 R1

* Not Serviced Separately

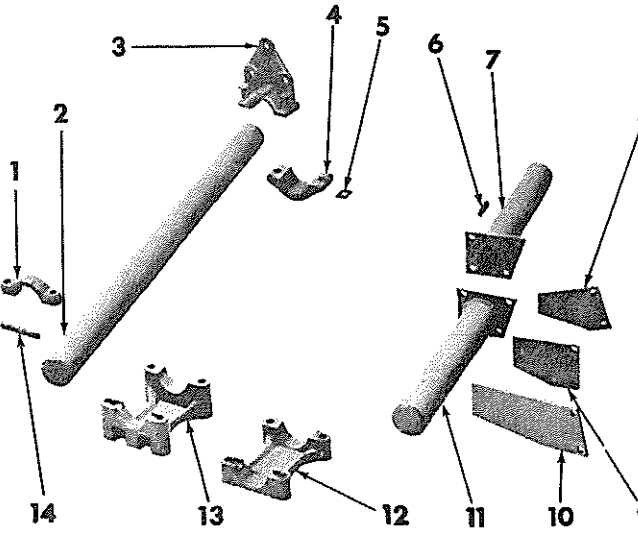
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CRAWLER TRACTORS

TRACK DRIVE



REF. NO.	PART NUMBER	DESCRIPTION
GAUGE BARS AND RELATED PARTS (3" Dia.)(NOT Low Profile)		
		
	H 6974	
1	635 641 R2 635 046 R1	CAP, gauge bar mounting pad (8) 5/8 x 6" special hexagon BOLT (16) 5/8" lock WASHER (16)
2	635 630 R1	BAR, front gauge (38" gauge)
2	635 632 R1	BAR, front gauge (48" gauge)
2	635 020 R1	BAR, front gauge (68" gauge)
3	635 628 R1 635 608 R1	BRACKET, gauge bar mounting (4) 3/4-NF x 1-3/4" special BOLT (12) 3/4"-NF hex. NUT (12) 3/4" lock WASHER (12)
4	635 629 R1 636 515 R1	CAP, gauge bar bracket (4) 5/8 x 2-1/8" special hexagon BOLT (8)
5	635 627 R1	LOCK, mounting bracket cap bolt (8)
6	636 435 R1	STUD, rear gauge bar (8) 5/8"-NF hex. NUT (8) 5/8" lock WASHER (8)
7	635 635 R91	BAR, rear gauge right (38" gauge)
7	635 637 R91	BAR, rear gauge right (48" gauge)
7	635 029 R91	BAR, rear gauge right (68" gauge)
8	635 082 R1	STOP, final drive gauge bar (2)(when track frame in the forward position)(not applicable to 38" gauge) 1/2 x 2-3/4" hexagon BOLT (2) 1/2 x 4-1/4" hexagon BOLT (2) 1/2" hex. NUT (4) 1/2" lock WASHER (4)
9	635 081 R1	STOP, final drive gauge bar (2)(for 38", 48" or 68" gauge when track frame in the standard central position) 1/2 x 4-1/4" hexagon BOLT (4) 1/2" hex. NUT (4) 1/2" lock WASHER (4)

REF. NO.	PART NUMBER	DESCRIPTION
GAUGE BARS AND RELATED PARTS - Cont (3" Dia.)(NOT Low Profile)		
10	635 083 R1	STOP, final drive gauge bar (2)(when track frame in the rearward position)(not applicable to 38" gauge) 1/2 x 2-3/4" hexagon BOLT (2) 1/2 x 4-1/4" hexagon BOLT (2) 1/2" hex. NUT (4) 1/2" lock WASHER (4)
11	635 634 R91	BAR, rear gauge left (38" gauge)
11	635 636 R91	BAR, rear gauge left (48" gauge)
11	635 028 R91	BAR, rear gauge left (68" gauge)
12	635 640 R1	PAD, gauge bar mounting (4)(not applicable to 38" gauge)(with track frame in the forward or rearward position)
	635 645 R1	5/8 x 4-1/4" special hexagon BOLT (16) 5/8" lock WASHER (16)
13	635 639 R1	PAD, gauge bar mounting (4)
	635 046 R1	5/8 x 6" special hexagon BOLT (16) 5/8" lock WASHER (16)
14	635 015 R1	PIN, gauge bar alignment (4)
	636 061 R91	PARTS ACCESSORY, front track frame position when equipped with Enclosed Spring Front Idler Adjustment (not applicable to 38" gauge) composed of: 2 Bolt 179 892 2 Bolt 179 896 1 Bolt 271 554 16 Bolt 635 645 R1 4 Lockwasher 103 323 17 Lockwasher 103 325 4 Nut 102 637 4 Pad 635 640 R1 2 Stop 635 082 R1 2 Stop 635 083 R1
	636 061 R91	PARTS ACCESSORY, rear track frame position when equipped with Side Mounted Spring Adjustment (not applicable to 38" gauge) composed of: 2 Bolt 179 892 2 Bolt 179 896 1 Bolt 271 554 16 Bolt 635 645 R1 4 Lockwasher 103 323 17 Lockwasher 103 325 4 Nut 102 637 4 Pad 635 640 R1 2 Stop 635 082 R1 2 Stop 635 083 R1
	636 533 R91	PARTS ACCESSORY, rear track frame position when equipped with Enclosed Spring Front Idler Adjustment (not applicable to 38" gauge or 4 roller frame) composed of: 2 Bolt 179 892 2 Bolt 179 896 16 Bolt 635 645 R1 4 Lockwasher 103 323 16 Lockwasher 103 325 4 Nut 102 637 4 Pad 635 640 R1 2 Rod 636 449 R11 2 Stop 635 083 R1

* Not Serviced Separately

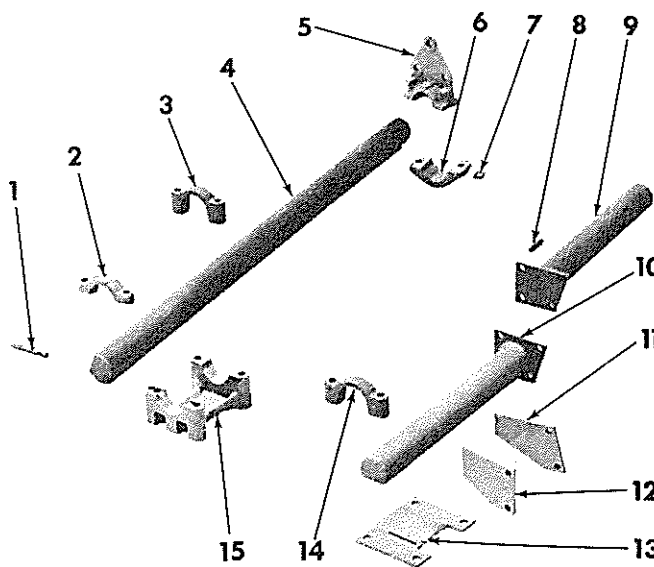
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CRAWLER TRACTORS.

TRACK DRIVE



REF. NO.	PART NUMBER	DESCRIPTION
GAUGE BARS AND RELATED PARTS (3" Dia.)(Low Profile ONLY)		
		
	H 6973	
1	635 015 R1	PIN, gauge bar alignment (38" gauge only)
2	635 641 R2 635 046 R1	CAP, gauge bar mounting pad (8)(38" gauge) 5/8 x 6" special hexagon BOLT (16) 5/8" lock WASHER (16)
3	636 319 R1 635 044 R1	CLAMP, gauge bar mounting (8)(not applicable to 38" gauge)(on tractors with serial No. # and up) 5/8 x 3-1/4" special BOLT (16) 5/8" lock WASHER (16)
4	635 630 R1	BAR, front gauge (38" gauge)
4	636 091 R1	BAR, front gauge (48" gauge)(on tractors prior to serial No. #)
4	636 313 R1	BAR, front gauge (48" gauge)(on tractors with serial No. # and up)
4	636 094 R1	BAR, front gauge (68" gauge)(on tractors prior to serial No. #)
4	636 314 R1	BAR, front gauge (68" gauge)(on tractors with serial No. # and up)
5	635 628 R1 635 608 R1	BRACKET, gauge bar mounting (4) 3/4-NF x 1-3/4" special BOLT (12) 3/4"-NF hex. NUT (12) 3/4" lock WASHER (12)
6	635 629 R1 636 515 R1	CAP, gauge bar bracket (4) 5/8 x 2-1/8" special hexagon BOLT (8)
7	635 627 R1	LOCK, mounting bracket cap bolt (8)

REF. NO.	PART NUMBER	DESCRIPTION
GAUGE BARS AND RELATED PARTS - Cont (3" Dia.)(Low Profile ONLY)		
8	636 435 R1	STUD, rear gauge bar (8) 5/8"-NF hex. NUT (8) 5/8" lock WASHER (8)
9	635 635 R91	BAR, rear gauge right (38" gauge)
9	636 093 R91	BAR, rear gauge right (48" gauge)(on tractors prior to serial No. #)
9	636 315 R91	BAR, rear gauge right (48" gauge)(on tractors with serial No. # and up)
9	636 096 R91	BAR, rear gauge right (68" gauge)(on tractors prior to serial No. #)
9	636 318 R91	BAR, rear gauge right (68" gauge)(on tractors with serial No. # and up)
10	635 634 R91	BAR, rear gauge left (38" gauge)
10	636 092 R91	BAR, rear gauge left (48" gauge)(on tractors prior to serial No. #)
10	636 315 R91	BAR, rear gauge left (48" gauge)(on tractors with serial No. # and up)
10	636 095 R91	BAR, rear gauge left (68" gauge)(on tractors prior to serial No. #)
10	636 317 R91	BAR, rear gauge left (68" gauge)(on tractors with serial No. # and up)
11	635 082 R1	STOP, final drive gauge bar (2)(not applicable to 38" gauge) 1/2 x 2-3/4" hexagon BOLT (2) 1/2 x 4-1/4" hexagon BOLT (2) 1/2" hex. NUT (4) 1/2" lock WASHER (4)
12	635 081 R1	STOP, final drive gauge bar (2)(38" gauge) 1/2 x 4-1/4" hexagon BOLT (4) 1/2" hex. NUT (4) 1/2" lock WASHER (4)
13	636 309 R91 635 044 R1	SPACER, gauge bar mounting (4)(not applicable to 38" gauge)(for use on tractors prior to serial No. #) 5/8 x 3-1/4" special BOLT (16) 5/8" lock WASHER (16)
14	636 105 R1 635 044 R1	CLAMP, gauge bar mounting (8)(not applicable to 38" gauge)(on tractors prior to serial No. #) 5/8 x 3-1/4" special BOLT (16) 5/8" lock WASHER (16)
15	635 639 R1 635 046 R1	PAD, gauge bar mounting (4)(38" gauge) 5/8 x 6" special hexagon BOLT (16) 5/8" lock WASHER (16)

* Not Serviced Separately
Information Not Available

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CRAWLER TRACTORS

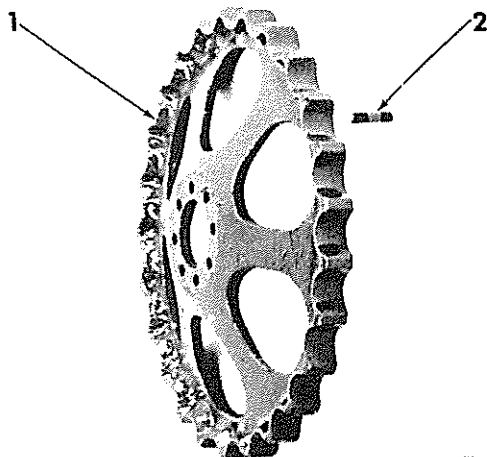
TRACK DRIVE



- 151 -

REF. NO.	PART NUMBER	DESCRIPTION
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DRIVE SPROCKET

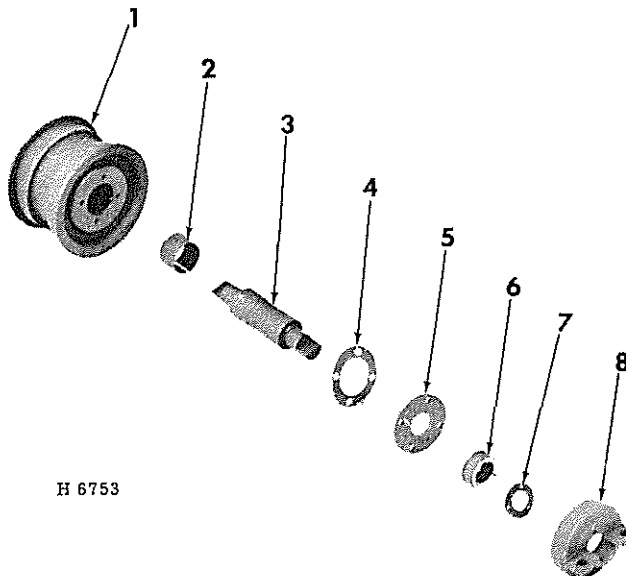


H 4296

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|---|--------------------------|--|
| 1 | 636 742 R1
635 762 R1 | SPROCKET, track drive (2)
5/8-NF x 1-3/4" special BOLT (12)
5/8" lock WASHER (12) |
| 1 | 636 744 R1
635 762 R1 | SPROCKET, track drive cut-away (2)
5/8-NF x 1-3/4" special BOLT (12)
5/8" lock WASHER (12) |
| 2 | 635 075 R1
225 861 | STUD, drive sprocket (4)
5/8"-NF hex. cad-pltd. NUT (4)
5/8" lock WASHER (4) |

REF. NO.	PART NUMBER	DESCRIPTION
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TRACK ROLLER



H 6753

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|---|--------------------------|--|
| 1 | 636 051 R91 | ROLLER, track (Includes BUSHINGS,
635 226 R1) |
| 2 | 635 226 R1 | BUSHING, track roller (2) |
| 3 | | SHAFT, track roller (on tractors prior to
serial No. 3529 order 1-636 494 R1,
SHAFT and 2-635 217 R2, PLATE) |
| 3 | 636 494 R1
19 602 R91 | SHAFT, track roller (for use on tractors
with serial No. 3529 and up)
1/8" button-hd. lube FITTING |
| 4 | 635 005 R1 | GASKET, track roller |
| 5 | 635 217 R2 | PLATE, track roller thrust
5/16 x 3/4" hexagon BOLT (4)
5/16" lock WASHER (4) |
| 6 | 635 229 R91 | OIL SEAL, track roller (Includes GASKET,
636 321 R1)(optional to use 636 670 R91 -
Oil Seal) |
| 6 | 636 670 R91 | OIL SEAL, track roller (Includes GASKET,
636 672 R1)(optional to use 635 229 R91 -
Oil Seal) |
| 7 | 636 321 R1 | GASKET, oil seal (optional to use
636 672 R1 - Gasket) |
| 7 | 636 672 R1 | GASKET, oil seal (optional to use
636 321 R1 - Gasket) |
| 8 | 635 207 R1 | BRACKET, track roller shaft
1/2 x 1-1/4" hex. BOLT (2)
1/2" lock WASHER (2) |

* Not Serviced Separately

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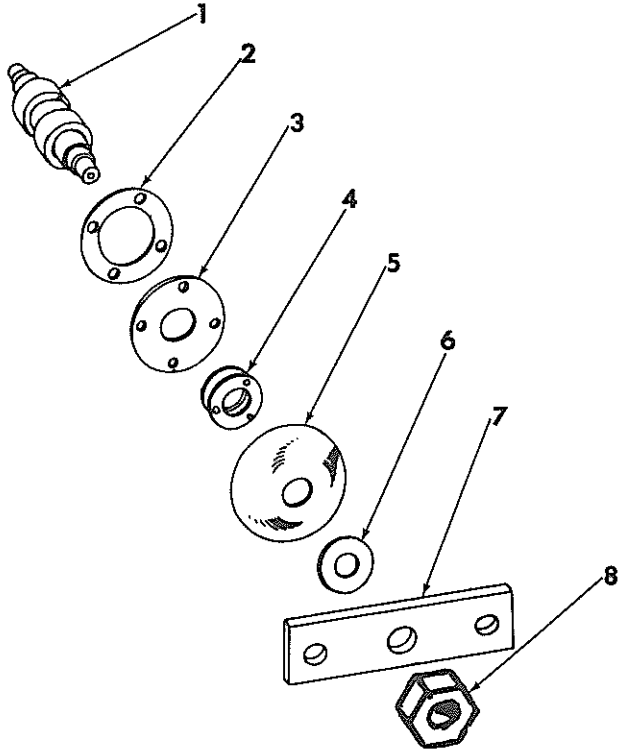
TRACK DRIVE



REF. NO.	PART NUMBER	DESCRIPTION
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FRONT IDLER SHAFT - "A"

(On tractors with serial No. 501 to 2347, 2349 to 2763, 2765 to 2962, 2964, 2966, 2968, 2969, 2971, 2975 to 2997, 2999 to 3020, 3027 to 3041, 3043 to 3045, 3051 to 3060, 3064 to 3070, 3074, 3077 to 3137, 3139 to 3149)(When Idler Service Packages 636 412 R91 or 636 413 R91; or equivalent; have been installed refer to Front Idler Shaft - "B")



1	19 723 R1	SHAFT, front idler (2)(order 1-636 412 R91, Shaft Service Package for the front idler in the raised position, or 1-636 413 R91, Shaft Service Package for the front idler in the lowered position) 5/16 x 1-1/8" spirol PIN (2)
2	635 005 R1	GASKET, front idler (8)
3	635 217 R1	PLATE, idler thrust (4) 5/16 x 3/4" hex. BOLT (16) 5/16" lock WASHER (16)
4	635 229 R91	OIL SEAL, idler (4)(Includes GASKET, 636 321 R1)
5	635 222 R12	COVER, oil seal (4)
6	635 555 R1	SHIM, adjusting plate (as required)
7	635 220 R1 635 451 R1	PLATE, adjusting outer (2) 3/4 x 1-1/2" special BOLT (4) 3/4" lock WASHER (4)
7	636 338 R1 635 451 R1	PLATE, adjusting inner (2) 3/4 x 1-1/2" special BOLT (4) 3/4" lock WASHER (4)

REF. NO.	PART NUMBER	DESCRIPTION
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FRONT IDLER SHAFT - "A" - Cont

8	636 063 R1	NUT, shaft lock (4)(tractors prior to serial No. 2852)
8	636 151 R1	NUT, shaft lock (4)(tractors with serial No. 2853 to 2962, 2964, 2966, 2968, 2969, 2971, 2975 to 2997, 2999 to 3020, 3027 to 3041, 3043 to 3045, 3051 to 3060, 3064 to 3070, 3074, 3077 to 3137, 3139 to 3149)
	636 321 R1	GASKET, oil seal (not illustrated)
	636 412 R91	PACKAGE, front idler shaft service (2) (idler in the raised position) composed of: 8 Bolt 636 388 R1 8 Bolt 636 409 R1 2 Cover 636 380 R11 5 Gasket 635 005 R1 2 Oil Seal 636 389 R91 2 Plate 636 384 R1 2 Plate 636 382 R1 1 Shaft 636 379 R11 6 Shim 636 386 R1 6 Shim 636 387 R1 4 Pin 19 738 R1 2 Washer 636 383 R1
	636 413 R91	PACKAGE, front idler shaft service (2) (idler in the lowered position) composed of: 8 Bolt 636 388 R1 8 Bolt 636 409 R1 2 Cover 636 380 R11 5 Gasket 635 005 R1 2 Oil Seal 636 387 R1 2 Plate 636 385 R1 2 Plate 636 382 R1 1 Shaft 636 379 R11 2 Shim 636 386 R1 6 Shim 636 387 R1 4 Pin 19 783 R1 2 Washer 636 383 R1

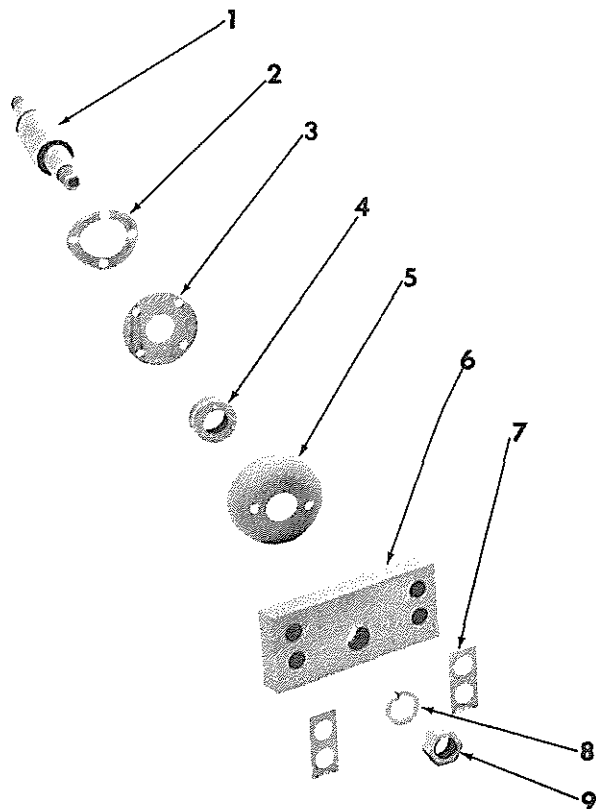


CRAWLER TRACTORS

TRACK DRIVE



REF. NO.	PART NUMBER	DESCRIPTION
FRONT IDLER SHAFT - "B"		
(On tractors with serial No. 2348, 2764, 2903, 2965, 2967, 2970, 2972 to 2974, 2998, 3021 to 3026, 3042, 3046 to 3050, 3061 to 3063, 3071 to 3073, 3075, 3076, 3138, 3150 and up)(Will also apply to "Front Idler Shaft - "A" when 636 412 R91 or 636 413 R91; or equivalent; Service Packages have been installed)		



1	636 379 R11	SHAFT, front idler (2)(Includes NUTS, 216 353)
2	635 005 R1	GASKET, front idler (8)
3	636 382 R1 636 409 R1	PLATE, idler thrust (4) 5/16 x 7/8" special BOLT (16) 5/16" lock WASHER (16)
4	636 389 R91	OIL SEAL, idler (4)(Includes GASKET, 636 390 R1)
5	636 380 R11 19 738 R1	COVER, oil seal (4) 5/16 x 3/4" spirol PIN (8)
6	636 384 R1 636 388 R1	PLATE, raised position adjusting (4) 3/4 x 2-1/4" special BOLT (16) 3/4" lock WASHER (16)
6	636 385 R1 636 388 R1	PLATE, lowered position adjusting (4) 3/4 x 2-1/4" special BOLT (16) 3/4" lock WASHER (16)

REF. NO.	PART NUMBER	DESCRIPTION
FRONT IDLER SHAFT - "B" - Cont		
7	636 386 R1	SHIM, .015" adjusting plate (as required)
7	636 387 R1	SHIM, .030" adjusting plate (as required)
8	636 383 R1	WASHER, nut back-up (4)
9	216 353	NUT, 1"-NF hex. idler shaft (4)
	636 390 R1	GASKET, oil seal (not illustrated)

* Not Serviced Separately

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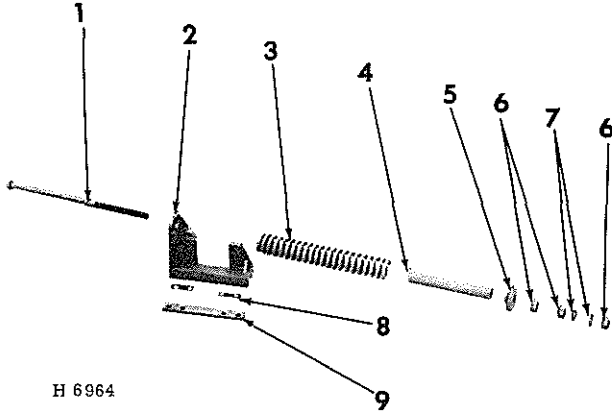
CRAWLER TRACTORS

TRACK DRIVE



REF. NO.	PART NUMBER	DESCRIPTION
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SIDE MOUNTED FRONT IDLER SPRING ADJUSTMENT



H 6964

1	635 227 R1	BOLT, tightener spring (4)
2	636 497 R1	BRACKET, idler adjusting left (2)
2	636 498 R1	BRACKET, idler adjusting right (2)
3	635 224 R1	SPRING, idler tightener (4)
4	635 221 R1	GUIDE, tightener spring (4)
5	635 210 R2	PLUG, tightener spring (4)
6	635 228 R2	NUT, special tightener spring (12)
7	615 227 R1	WASHER, 1-1/32 x 1-3/4 x 11 gauge spring bolt (8)
8	635 626 R1	SHIM, adjusting bracket (use as required)
9	636 586 R2	RETAINER, adjusting bracket (4) 5/8 x 1-1/2" hexagon BOLT (16) 5/8" lock WASHER (16)

REF. NO.	PART NUMBER	DESCRIPTION
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* Not Serviced Separately

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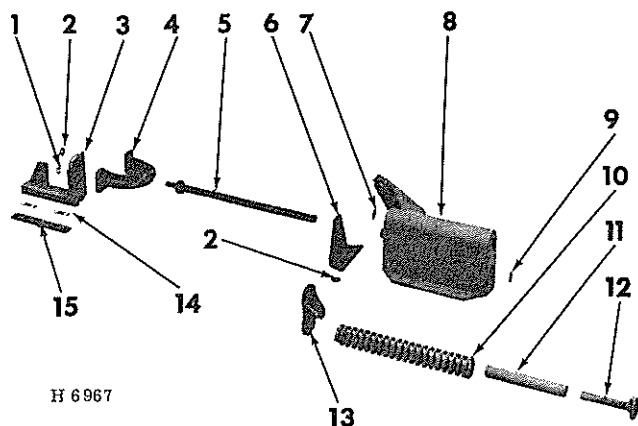
CRAWLER TRACTORS

TRACK DRIVE



REF. NO.	PART NUMBER	DESCRIPTION
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ENCLOSED SPRING FRONT IDLER ADJUSTMENT



1	12 258 R1	WASHER, 21/32 x 1-1/4 x .120 (4)(under head of lower bolt)
2	636 514 R1	SPACER, adjusting yoke and rod (8)
3	636 497 R1	BRACKET, idler adjusting left (2)
3	636 498 R1	BRACKET, idler adjusting right (2)
4	636 443 R1 271 284	YOKE, front idler adjusting (2) 1/8-65 lube FITTING (2) 3/8 x 3/4" hexagon BOLT (2) 5/8 x 2-1/2" hexagon BOLT (4) 5/8 x 3-1/4" hexagon BOLT (4) 5/8" hex. NUT (8) 13/32 x 1-1/4 x 11 gauge WASHER (2) 21/32 x 1-1/4 x .120 WASHER (4) (under head of lower bolt) 3/8" lock WASHER (2) 5/8" lock WASHER (8)
5	636 448 R11	ROD, front idler adjusting (2)
6	636 463 R1	SUPPORT, adjusting rod (2) 5/8 x 1-1/2" hexagon BOLT (4) 5/8" lock WASHER (4)
7	172 578	PLUG, tightener spring cover front 1-3/4" expansion (4)
8	636 451 R91 102 467	COVER, tightener spring left 1/4" straight lube FITTING 5/8 x 1" hexagon BOLT (4) 5/8 x 1-1/2" hexagon BOLT (2) 5/8" lock WASHER (6)
8	636 452 R91 102 467	COVER, tightener spring right 1/4" straight lube FITTING 5/8 x 1" hexagon BOLT (4) 5/8 x 1-1/2" hexagon BOLT (2) 5/8" lock WASHER (6)
9	172 576	PLUG, tightener spring cover rear 1-5/8" expansion (4)

REF. NO.	PART NUMBER	DESCRIPTION
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ENCLOSED SPRING FRONT IDLER ADJUSTMENT - Cont

10	636 712 R1	SPRING, idler tightener (4)
11	635 221 R1	GUIDE, tightener spring (4)
12	636 441 R1	PLUG, tightener spring (4)
13	636 442 R1	SEAT, tightener spring (2)
14	635 626 R1	SHIM, adjusting bracket (use as required)
15	636 586 R2	RETAINER, adjusting bracket (4) 5/8 x 1-1/2" hexagon BOLT (16) 5/8" lock WASHER (16)
636 440 R91	PARTS ACCESSORY, enclosed spring front idler adjusting (for use with 5 roller track frame)(on tractors equipped with 635 212 R1, 635 213 R1, 636 444 R1 or 636 445 R1, adjusting brackets it will be necessary to obtain 2 - 636 497 R1 and 2 - 636 498 R1 adjusting brackets) composed of:	
	2 Bolt	179 837
	4 Bolt	271 550
	8 Bolt	271 554
	8 Bolt	271 558
	4 Bolt	271 564
	4 Bolt	271 567
	2 Cover	635 222 R12
	1 Cover	636 451 R91
	1 Cover	636 452 R91
	2 Fitting	102 467 H
	2 Fitting	271 284
	2 Lockwasher	103 321
	28 Lockwasher	103 325
	8 Nut	102 639
	4 Plug	172 576
	4 Plug	172 578
	4 Plug	636 441 R1
	2 Rod	636 448 R11
	2 Seat	636 442 R1
	8 Spacer	636 514 R1
	4 Spring	636 712 R1
	2 Support	636 463 R1
	2 Washer	PO 10532
	4 Washer	12258 R1
	2 Yoke	636 443 R1

* Not Serviced Separately

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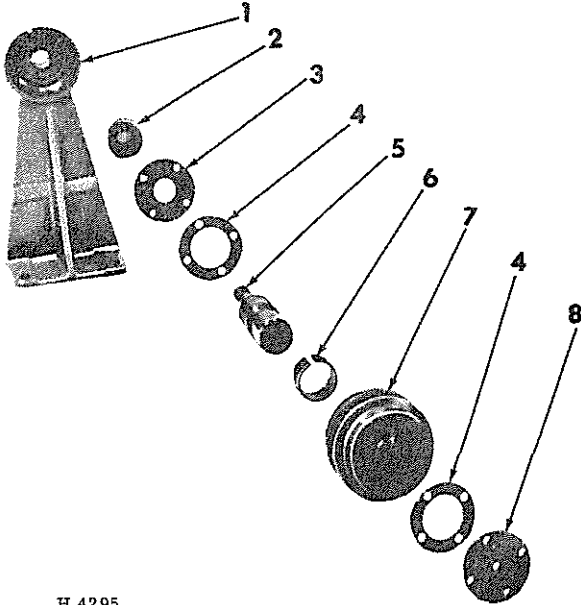
CRAWLER TRACTORS

TRACK DRIVE



REF. NO.	PART NUMBER	DESCRIPTION
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TOP IDLER (Five Roller Track Frame Only)



H 4295

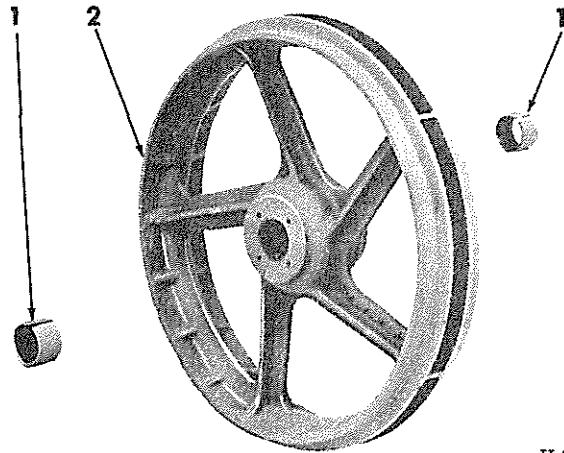
1	635 208 R1	SUPPORT, top idler (2)(tractors with Side Mounted Spring Front Idler Adjustment) 5/8 x 1-3/4" hex. BOLT (8) 5/8" lock WASHER (8)
2	636 670 R91	OIL SEAL, top idler (2)(optional to use 635 229 R91 - Oil Seal)(Includes GASKET, 636 672 R1)
2	635 229 R91	OIL SEAL, top idler (2)(optional to use 636 670 R91 - Oil Seal)(Includes GASKET, 636 321 R1)
3	635 217 R2	PLATE, top idler inner thrust (2) 5/16 x 3/4" hex. BOLT (8) 5/16" lock WASHER (8)
4	635 005 R1	GASKET, top idler (use as required)
5		SHAFT, top idler (2)(for tractors prior to serial No. 3529 supply 1-636 495 R1 - SHAFT and 1-635 217 R2 - PLATE) 1" hex. NUT (2) 1" lock WASHER (2)
5	636 495 R1	SHAFT, top idler (2)(tractors with serial No. 3529 and up) 1" hex. NUT (2) 1" lock WASHER (2)
6	635 226 R1	BUSHING, top idler (4)
7	635 209 R11 113 782	ROLLER, top idler (Includes BUSHINGS, 635 226 R1) 1/4 x 1" Woodruff KEY

REF. NO.	PART NUMBER	DESCRIPTION
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TOP IDLER - Cont (Five Roller Track Frame Only)

8	635 218 R1 19 602 R91	PLATE, top idler outer thrust (2) 1/8" button-hd. lube FITTING (2) 5/16 x 7/8" hex. BOLT (8) 5/16" lock WASHER (8)
	635 222 R12	COVER, idler oil seal (tractor with Enclosed Spring Front Idler Adjustment) (not illustrated)
	636 321 R1	GASKET, oil seal back-up (optional to use 636 672 R1 - Gasket)(not illustrated)
	636 672 R1	GASKET, oil seal back-up (optional to use 636 321 R1 - Gasket)(not illustrated)

FRONT IDLER



H 6962

1	636 226 R1	BUSHING, front idler (4)
2	636 802 R11	IDLER, front (2)(Includes BUSHINGS, 635 226 R1)



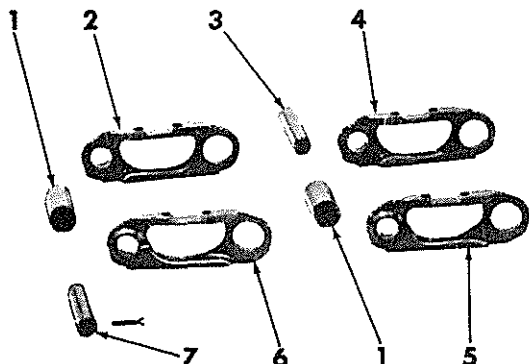
CRAWLER TRACTORS

TRACK DRIVE



REF. NO.	PART NUMBER	DESCRIPTION
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TRACK CHAIN (Non-Interlocking Link Type)

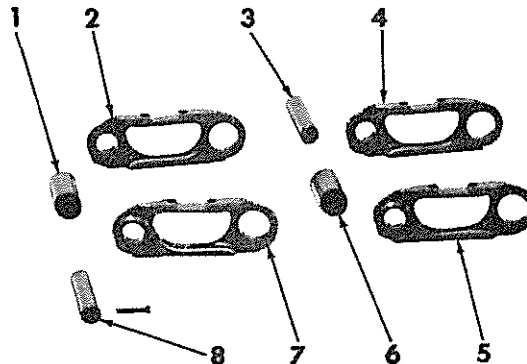


H 4295

1	306 242 R1	BUSHING, track link
2	306 241 R1	LINK, track master right
3	306 243 R2	PIN, track link
4	306 239 R1	LINK, track right
5	306 238 R1	LINK, track left
6	306 240 R1	LINK, track master left
7	306 244 R1 617 939 R1	PIN, track master link 5/16 x 1-1/2" spirol PIN (2)
635 241 R91	CHAIN less shoes, (4 roller frame)(2) composed of:	
	31 Bushing	306 242 R1
	30 Link	306 238 R1
	30 Link	306 239 R1
	1 Link	306 240 R1
	1 Link	306 241 R1
	30 Pin	306 243 R2
	1 Pin	306 244 R1
	2 Pin	617 939 R1
306 237 R91	CHAIN less shoes, (5 roller frame)(2) composed of:	
	35 Bushing	306 242 R1
	34 Link	306 238 R1
	34 Link	306 239 R1
	1 Link	306 240 R1
	1 Link	306 241 R1
	34 Pin	306 243 R2
	1 Pin	306 244 R1
	2 Pin	617 939 R1

REF. NO.	PART NUMBER	DESCRIPTION
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TRACK CHAIN (Interlocking Link Type)



H 4295

1	636 741 R1	BUSHING, master link
2	636 737 R1	LINK, track right master
3	636 738 R1	PIN, regular link
4	636 735 R1	LINK, track right regular
5	636 734 R1	LINK, track left regular
6	636 740 R1	BUSHING, regular link
7	636 736 R1	LINK, track left master
8	636 739 R1 617 940 R1	PIN, master link 5/16 x 1-3/4" spirol PIN (2)
636 732 R91	CHAIN less shoes, (4 roller frame)(2) composed of:	
	30 Bushing	636 740 R1
	1 Bushing	636 741 R1
	30 Link	636 734 R1
	30 Link	636 735 R1
	1 Link	636 736 R1
	1 Link	636 737 R1
	30 Pin	636 738 R1
	1 Pin	636 739 R1
	2 Pin	617 940 R1
636 733 R91	CHAIN less shoes, (5 roller frame)(2) composed of:	
	34 Bushing	636 740 R1
	1 Bushing	636 741 R1
	34 Link	636 734 R1
	34 Link	636 735 R1
	1 Link	636 736 R1
	1 Link	636 737 R1
	34 Pin	636 738 R1
	1 Pin	636 739 R1
	2 Pin	617 940 R1

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CRAWLER TRACTORS

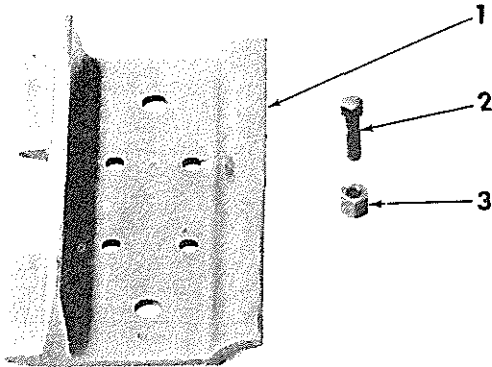
TRACK DRIVE



REF. NO.	PART NUMBER	DESCRIPTION
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REF. NO.	PART NUMBER	DESCRIPTION
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TRACK SHOES (Square Corner Type)
(for use with non-interlocking track chain only)



KEY TO CAPTIONS

(**) 38", 48" and 68" tractor width
 (***) 48" and 68" tractor width
 (+) 4 roller track frame
 (++) 5 roller track frame

1	636 350 R1	SHOE, 10" (**)
1	636 351 R1	SHOE, 12" (***)
1	636 352 R1	SHOE, 14" (***)
2	311 344 R1	BOLT, 7/16"-NF x 1-1/2" special hexagon track shoe
3	273 870 R1	NUT, 7/16"-NF special hexagon shoe bolt
	635 464 R92	SHOE SET, 10" (+)(**)(Includes BOLTS, 311 344 R1 - NUTS, 273 870 R1 and SHOES, 636 350 R1)
	636 359 R91	SHOE SET, 10" (++)(**)(Includes BOLTS, 311 344 R1 - NUTS, 273 870 R1 and SHOES, 636 350 R1)
	635 466 R92	SHOE SET, 12" (+)(***) (Includes BOLTS, 311 344 R1 - NUTS, 273 870 R1 and SHOES, 636 351 R1)
	636 360 R91	SHOE SET, 12" (++)(***) (Includes BOLTS, 311 344 R1 - NUTS, 273 870 R1 and SHOES, 636 351 R1)
	635 468 R92	SHOE SET, 14" (+)(***) (Includes BOLTS, 311 344 R1 - NUTS, 273 870 R1 and SHOES, 636 352 R1)
	636 361 R91	SHOE SET, 14" (++)(***) (Includes BOLTS, 311 344 R1 - NUTS, 273 870 R1 and SHOES, 636 352 R1)

* Not Serviced Separately

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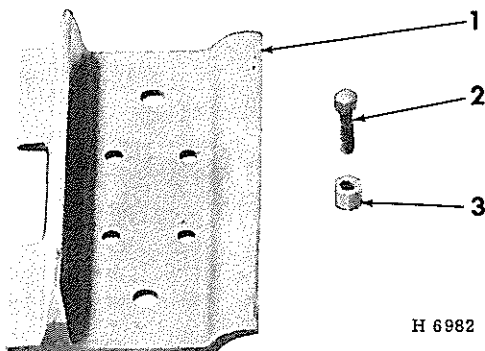
CRAWLER TRACTORS

TRACK DRIVE



REF. NO.	PART NUMBER	DESCRIPTION
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TRACK SHOES (Clipped Corner Type)(Standard And Heavy Duty)
(for use with non-interlocking track chain only)



KEY TO CAPTIONS

- (**) 38", 48" and 68" tractor width
(***) 48" and 68" tractor width
(+) 4 roller track frame
(++) 5 roller track frame

1	636 353 R1	SHOE, 10" standard (**)
1	636 325 R1	SHOE, 10" heavy duty (**)
1	636 354 R1	SHOE, 12" standard (***)
1	636 326 R1	SHOE, 12" heavy duty (***)
1	636 355 R1	SHOE, 14" standard (***)
1	636 327 R1	SHOE, 14" heavy duty (***)
2	311 344 R1	BOLT, 7/16-NF x 1-1/2" special hexagon track shoe
3	273 870 R1	NUT, 7/16"-NF special hex. shoe bolt
	635 470 R92	SHOE SET, 10" standard (+)(**)(Includes BOLTS, 311 344 R1 - NUTS, 273 870 R1 and SHOES, 636 353 R1)
	636 272 R91	SHOE SET, 10" heavy duty (+)(**)(Includes BOLTS, 311 344 R1 - NUTS, 273 870 R1 and SHOES, 636 325 R1)
	636 362 R91	SHOE SET, 10" standard (++)(**)(Includes BOLTS, 311 344 R1 - NUTS, 273 870 R1 and SHOES, 636 353 R1)
	636 322 R91	SHOE SET, 10" heavy duty (++)(**)(Includes BOLTS, 311 344 R1 - NUTS, 273 870 R1 and SHOES, 636 325 R1)
	635 472 R92	SHOE SET, 12" standard (+)(**)(Includes BOLTS, 311 344 R1 - NUTS, 273 870 R1 and SHOES, 636 354 R1)
	636 273 R91	SHOE SET, 12" heavy duty (+)(**)(Includes BOLTS, 311 344 R1 - NUTS, 273 870 R1 and SHOES, 636 326 R1)
	636 363 R91	SHOE SET, 12" standard (++)(**)(Includes BOLTS, 311 344 R1 - NUTS, 273 870 R1 and SHOES, 636 354 R1)

REF. NO.	PART NUMBER	DESCRIPTION
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TRACK SHOES (Clipped Corner Type)(Standard And Heavy Duty) - Cont
(for use with non-interlocking track chain only)

636 323 R91	SHOE SET, 12" heavy duty (++)(**)(Includes BOLTS, 311 344 R1 - NUTS, 273 870 R1 and SHOES, 636 326 R1)
635 474 R92	SHOE SET, 14" standard (+)(**)(Includes BOLTS, 311 344 R1 - NUTS, 273 870 R1 and SHOES, 636 355 R1)
636 274 R91	SHOE SET, 14" heavy duty (+)(**)(Includes BOLTS, 311 344 R1 - NUTS, 273 870 R1 and SHOES, 636 327 R1)
636 364 R91	SHOE SET, 14" standard (++)(**)(Includes BOLTS, 311 344 R1 - NUTS, 273 870 R1 and SHOES, 636 355 R1)
636 324 R91	SHOE SET, 14" heavy duty (++)(**)(Includes BOLTS, 311 344 R1 - NUTS, 273 870 R1 and SHOES, 636 327 R1)



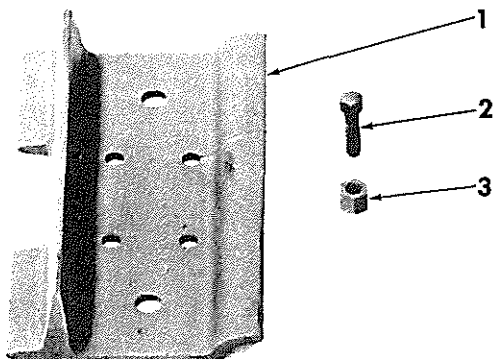
CRAWLER TRACTORS

TRACK DRIVE



REF. NO.	PART NUMBER	DESCRIPTION
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TRACK SHOES (Clipped Corner Type)(Standard And Heavy Duty)
(for use with interlocking track chains)(48" and 68" tractor width)



H 6982

KEY TO CAPTIONS

(+) 4 roller track frame
(++) 5 roller track frame

1	636 761 R1	SHOE, 12" standard
1	636 762 R1	SHOE, 14" standard
1	636 770 R1	SHOE, 12" heavy duty
1	636 771 R1	SHOE, 14" heavy duty
2	311 345 R2	BOLT, 1/2"-NF x 1-3/4" special hexagon track shoe
2	636 796 R1	BOLT, special track shoe shoulder (for use with non-interlocking track chain only)
3	273 871 R1	NUT, 1/2"-NF special hex. shoe bolt
	636 756 R91	SHOE SET, 12" standard (+)(Includes BOLTS, 311 345 R2 - NUTS, 273 871 R1 and SHOES, 636 761 R1)
	636 765 R91	SHOE SET, 12" heavy duty (+)(Includes BOLTS, 311 345 R2 - NUTS, 273 871 R1 and SHOES, 636 770 R1)
	636 758 R91	SHOE SET, 14" standard (+)(Includes BOLTS, 311 345 R2 - NUTS, 273 871 R1 and SHOES, 636 762 R1)
	636 767 R91	SHOE SET, 14" heavy duty (+)(Includes BOLTS, 311 345 R2 - NUTS, 273 871 R1 and SHOES, 636 771 R1)
	636 757 R91	SHOE SET, 12" standard (++) (Includes BOLTS, 311 345 R2 - NUTS, 273 871 R1 and SHOES, 636 761 R1)
	636 766 R91	SHOE SET, 12" heavy duty (++) (Includes BOLTS, 311 345 R2 - NUTS, 273 871 R1 and SHOES, 636 770 R1)

REF. NO.	PART NUMBER	DESCRIPTION
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TRACK SHOES (Clipped Corner Type)(Standard And Heavy Duty)
- Cont
(for use with interlocking track chains)(48" and 68" tractor width)

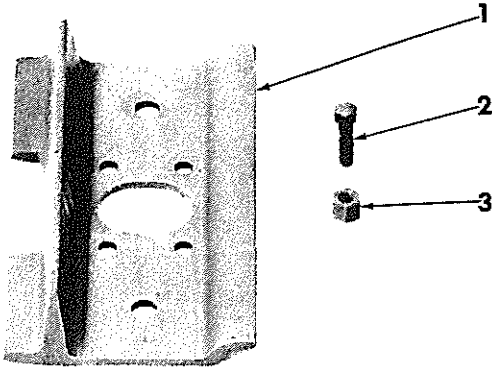
636 759 R91	SHOE SET, 14" standard (++) (Includes BOLTS, 311 345 R2 - NUTS, 273 871 R1 and SHOES, 636 762 R1)
636 768 R91	SHOE SET, 14" heavy duty (++) (Includes BOLTS, 311 345 R2 - NUTS, 273 871 R1 and SHOES, 636 771 R1)



CRAWLER TRACTORS

TRACK DRIVE



REF. NO.	PART NUMBER	DESCRIPTION
TRACK SHOES (Snow Shoe Type)(Standard And Heavy Duty) (for use with Non-interlocking track chain only)		
		
H 6981		
KEY TO CAPTIONS		
(**) 38", 48" and 68" tractor width		
(***) 48" and 68" tractor width		
(+) 4 roller track frame		
(++) 5 roller track frame		
1	636 356 R1	SHOE, 10" standard (**)
1	636 298 R1	SHOE, 10" heavy duty (**)
1	636 357 R1	SHOE, 12" standard (***)
1	636 299 R1	SHOE, 12" heavy duty (***)
1	636 358 R1	SHOE, 14" standard (***)
1	636 300 R1	SHOE, 14" heavy duty (***)
2	311 344 R1	BOLT, 7/16"-NF x 1-1/2" special hexagon track
3	273 870 R1	NUT, 7/16"-NF special hex. shoe bolt
	635 538 R92	SHOE SET, 10" standard (+)(**)(Includes BOLTS, 311 344 R1 - NUTS, 273 870 R1 and SHOES, 636 356 R1)
	636 275 R91	SHOE SET, 10" heavy duty (+)(**)(Includes BOLTS, 311 344 R1 - NUTS, 273 870 R1 and SHOES, 636 298 R1)
	635 551 R92	SHOE SET, 10" standard (++)(**)(Includes BOLTS, 311 344 R1 - NUTS, 273 870 R1 and SHOES, 636 356 R1)
	636 278 R91	SHOE SET, 10" heavy duty (++)(**)(Includes BOLTS, 311 344 R1 - NUTS, 273 870 R1 and SHOES, 636 298 R1)
	635 539 R92	SHOE SET, 12" standard (+)(**)(Includes BOLTS, 311 344 R1 - NUTS, 273 870 R1 and SHOES, 636 357 R1)
	636 276 R91	SHOE SET, 12" heavy duty (+)(**)(Includes BOLTS, 311 344 R1 - NUTS, 273 870 R1 and SHOES, 636 299 R1)

REF. NO.	PART NUMBER	DESCRIPTION
TRACK SHOES (Snow Shoe Type)(Standard And Heavy Duty) - Cort (for use with Non-interlocking track chain only)		
	635 552 R91	SHOE SET, 12" standard (++)(**)(Includes BOLTS, 311 344 R1 - NUTS, 273 870 R1 and SHOES, 636 357 R1)
	636 279 R91	SHOE SET, 12" heavy duty (++)(**)(Includes BOLTS, 311 344 R1 - NUTS, 273 870 R1 and SHOES, 636 299 R1)
	635 540 R92	SHOE SET, 14" standard (+)(**)(Includes BOLTS, 311 344 R1 - NUTS, 273 870 R1 and SHOES, 636 358 R1)
	636 277 R91	SHOE SET, 14" heavy duty (+)(**)(Includes BOLTS, 311 344 R1 - NUTS, 273 870 R1 and SHOES, 636 300 R1)
	635 553 R92	SHOE SET, 14" standard (++)(**)(Includes BOLTS, 311 344 R1 - NUTS, 273 870 R1 and SHOES, 636 358 R1)
	636 280 R91	SHOE SET, 14" heavy duty (++)(**)(Includes BOLTS, 311 344 R1 - NUTS, 273 870 R1 and SHOES, 636 300 R1)

* Not Serviced Separately

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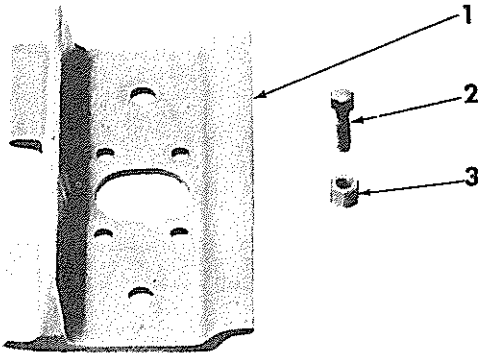
CRAWLER TRACTORS

TRACK DRIVE



REF. NO.	PART NUMBER	DESCRIPTION
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TRACK SHOES (Snow Shoe Type)(Standard and Heavy Duty)
(for use with interlocking track chain)



H 6981

KEY TO CAPTIONS

- (**) 38", 48" and 68" tractor width
- (***) 48" and 68" tractor width
- (+) 4 roller track frame
- (++) 5 roller track frame

1	636 784 R1	SHOE, 10" standard (**)
1	636 785 R1	SHOE, 12" standard (***)
1	636 794 R1	SHOE, 12" heavy duty (***)
1	636 786 R1	SHOE, 14" standard (***)
1	636 795 R1	SHOE, 14" heavy duty (***)
2	311 345 R2	BOLT, 1/2-NF x 1-3/4" special hexagon track shoe
2	636 796 R1	BOLT, special track shoe shoulder (for use with non-interlocking track chain only)
3	273 871 R1	NUT, 1/2"-NF special hex. shoe bolt
	636 778 R91	SHOE SET, 10" standard (+)(**)(Includes BOLTS, 311 345 R2 - NUTS, 273 871 R1 and SHOES, 636 784 R1)
	636 780 R91	SHOE SET, 12" standard (+)(***) (Includes BOLTS, 311 345 R2 - NUTS, 273 871 R1 and SHOES, 636 785 R1)
	636 789 R91	SHOE SET, 12" heavy duty (+)(***) (Includes BOLTS, 311 345 R2 - NUTS, 273 871 R1 and SHOES, 636 794 R1)
	636 779 R91	SHOE SET, 10" standard (++)(**) (Includes BOLTS, 311 345 R2 - NUTS, 273 871 R1 and SHOES, 636 784 R1)
	636 782 R91	SHOE SET, 14" standard (+)(***) (Includes BOLTS, 311 345 R2 - NUTS, 273 871 R1 and SHOES, 636 786 R1)

REF. NO.	PART NUMBER	DESCRIPTION
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TRACK SHOES (Snow Shoe Type)(Standard and Heavy Duty) - Cont
(for use with interlocking track chain)

	636 781 R91	SHOE SET, 12" standard (++)(***) (Includes BOLTS, 311 345 R2 - NUTS, 273 871 R1 and SHOES, 636 785 R1)
	636 790 R91	SHOE SET, 12" heavy duty (++)(***) (Includes BOLTS, 311 345 R2 - NUTS, 273 871 R1 and SHOES, 636 794 R1)
	636 791 R91	SHOE SET, 14" heavy duty (+)(***) (Includes BOLTS, 311 345 R2 - NUTS, 273 871 R1 and SHOES, 636 795 R1)
	636 783 R91	SHOE SET, 14" standard (++)(***) (Includes BOLTS, 311 345 R2 - NUTS, 273 871 R1 and SHOES, 636 786 R1)
	636 792 R91	SHOE SET, 14" heavy duty (++)(***) (Includes BOLTS, 311 345 R2 - NUTS, 273 871 R1 and SHOES, 636 795 R1)



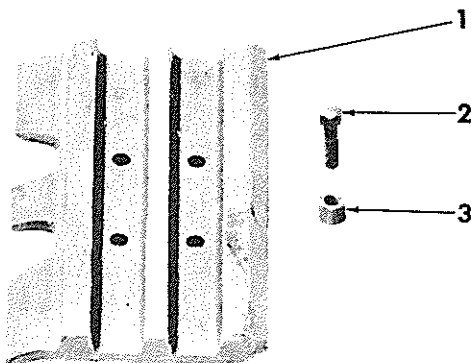
CRAWLER TRACTORS

TRACK DRIVE



REF. NO.	PART NUMBER	DESCRIPTION
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TRACK SHOES (Overlapping Flat, Low Profile 3 Grouser Type)
(For Use With Non-Interlocking Track Chain Only)



H 6979

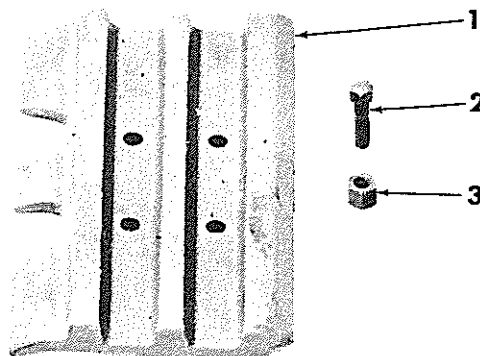
KEY TO CAPTIONS

- (**) 38", 48" and 68" tractor width
(***) 48" and 68" tractor width
(+) 4 roller track frame
(++) 5 roller track frame

1	307 241 R2	SHOE, 10" (**)
1	307 242 R2	SHOE, 12" (***)
2	311 344 R1	BOLT, 7/16-NF x 1-1/2" special hexagon track shoe
3	273 870 R1	NUT, 7/16"-NF special hex. shoe bolt
635 476 R91	SHOE SET, 10" (+)(**)(Includes BOLTS, 311 344 R1 - NUTS, 273 870 R1 and SHOES, 307 241 R2)	
309 495 R91	SHOE SET, 10" (++)(**)(Includes BOLTS, 311 344 R1 - NUTS, 273 870 R1 and SHOES, 307 241 R2)	
635 478 R91	SHOE SET, 12" (+)(***)(Includes BOLTS, 311 344 R1 - NUTS, 273 870 R1 and SHOES, 307 242 R2)	
309 496 R91	SHOE SET, 12" (++)(***)(Includes BOLTS, 311 344 R1 - NUTS, 273 870 R1 and SHOES, 307 242 R2)	

REF. NO.	PART NUMBER	DESCRIPTION
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TRACK SHOES (Overlapping Flat, Low Profile 3 Grouser Type)
(For Use With Interlocking Track Chain)(48" and 68" tractor width)



H 6979

KEY TO CAPTIONS

- (+) 4 roller track frame
(++) 5 roller track frame

1	636 777 R1	SHOE, 12"
2	311 345 R2	BOLT, 1/2-NF x 1-3/4" special hexagon track shoe
2	636 796 R1	BOLT, special track shoe shoulder (for use with non-interlocking track chain only)
3	273 871 R1	NUT, 1/2"-NF special hex. shoe bolt
636 774 R91	SHOE SET, 12" (+)(Includes BOLTS, 311 345 R2 - NUTS, 273 871 R1 and SHOES, 636 777 R1)	
636 775 R91	SHOE SET, 12" (++) (Includes BOLTS, 311 345 R2 - NUTS, 273 871 R1 and SHOES, 636 777 R1)	



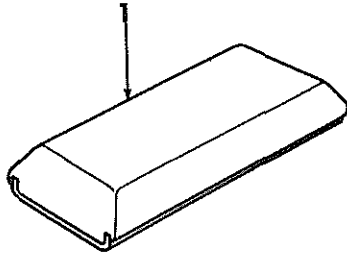
CRAWLER TRACTORS

TRACK DRIVE



REF. NO.	PART NUMBER	DESCRIPTION
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TRACK SHOES (Rubber)(NOT For Use On Tractor Equipped With Track Chain Guides or Interlocking Track Chain)



- | | | |
|---|-------------|--|
| 1 | 309 073 R1 | SHOE, 9-3/4" rubber track
5/8"-NF hex. NUT (2) |
| | 636 046 R91 | SHOE SET, rubber for 4 roller track frame
(Includes NUTS, 103 030 and SHOES,
309 073 R1) |
| | 307 485 R91 | SHOE SET, rubber for 5 roller track frame
(Includes NUTS, 103 030 and SHOES,
309 073 R1) |

REF. NO.	PART NUMBER	DESCRIPTION
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CRAWLER TRACTORS

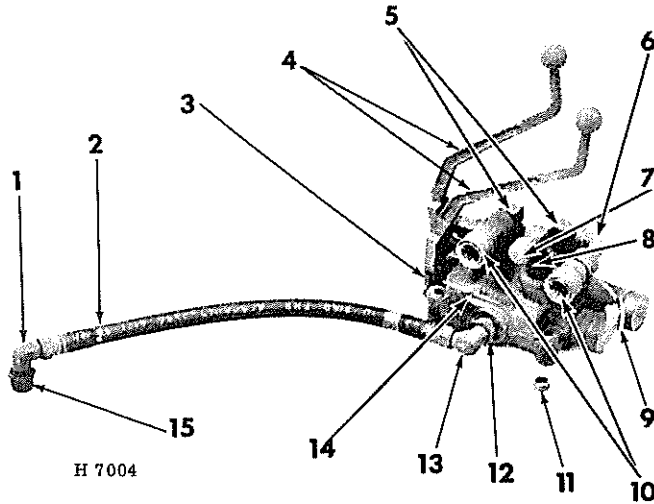
HYDRAULIC SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
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HYDRAULIC VALVE SYSTEM

(for tractors equipped with remote control hydraulic cylinder in conjunction with a single acting cylinder)(not low profile)



1	9402 866	ELBOW, 1/2" pipe to 5/8" tube 90° cad-pltd. bevel gear cover bushing
2	636 007 R91	HOSE, hydraulic reservoir
3	635 714 R91	CHAIN, valve to lever link (2)
4	636 038 R1	LEVER, hydraulic valve (2) 1/4 x 1-1/4" std-hd-dld. PIN (2) 3/32 x 3/4" cotter PIN (2)
5	635 596 R1	ELBOW, 1/2"-90° pipe valve port (3)
6	108 686	ELBOW, 1/2"-90° front right valve port
7		CAP, 1/2" pipe valve port elbow (for transporting purposes)
8	444 004	ADAPTOR, 1/2" right rear valve port
9	373 220 R1	CAP, coupling dust (2)(not part of Accessory Package)
10	374 783 R91	COUPLING, self-sealing (Includes RING, 254 691 R1)(2)(not part of Accessory Package)
11	600 192 R1	SPACER, valve mounting (3)
12	144 034	BUSHING, 3/4 x 1/2" valve outlet reducer
13		ELBOW, 1/2"-90° pipe valve outlet (for use on tractors prior to serial No. 1897)
13	9402 866	ELBOW, 5/8" tube to 1/2" pipe 90° cad-pltd. reservoir hose valve outlet (for use on tractors with serial No. 1897 and up)

REF. NO.	PART NUMBER	DESCRIPTION
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HYDRAULIC VALVE SYSTEM - Cont

(for tractors equipped with remote control hydraulic cylinder in conjunction with a single acting cylinder)(not low profile)

14		VALVE, two spool four way three way (Refer to "HYDRAULIC VALVE") 3/8 x 2-1/2" hexagon BOLT (3) 3/8" hex. NUT (3) 3/8" lock WASHER (3)
15	144 034	BUSHING, 3/4 x 1/2" bevel gear cover reducer
254 691 R1		"O" RING, self-sealing coupling (2)(not part of Accessory Package)(not illustrated)
636 240 R91		PARTS ACCESSORY, hydraulic reservoir line completing composed of: 1 Bushing 144 034 1 Elbow 9402 866 1 Hose 636 007 R91
636 232 R91		PARTS ACCESSORY, valve system (required to connect the hydraulics to the pump system) composed of: 3 Bolt 179 849 1 Bushing 144 034 2 Cap 119 101 2 Chain 635 714 R91 3 Elbow 635 596 R1 1 Elbow 9402 866 1 Elbow 9410 977 1 Hose 635 594 R92 1 Hose 636 006 R92 2 Lever 636 038 R1 3 Nut 102 635 1 "O" Ring 570 828 R1 2 Pin 103 373 2 Pin Q 711 3 Spacer 600 192 R1 1 Valve 635 877 R92 3 Washer 103 321

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CRAWLER TRACTORS

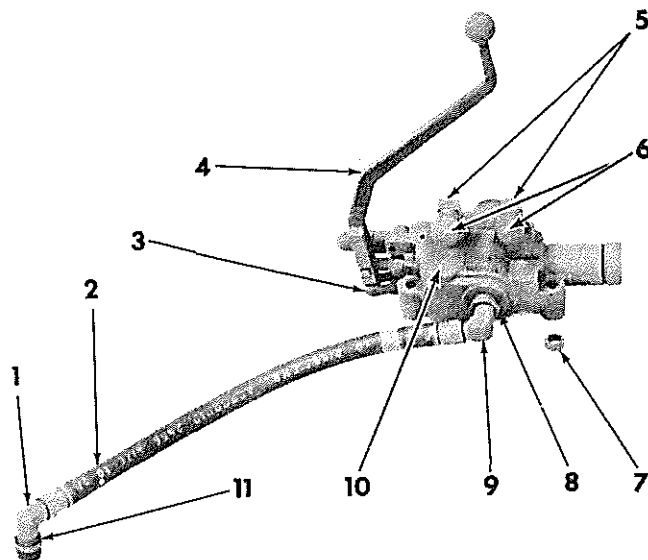
HYDRAULIC SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
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HYDRAULIC VALVE SYSTEM

(For Tractors With Either Remote Control Hydraulic Cylinder, No. 11 Bullgrader, No. 15 Bullgrader or No. 600 Dozer Alone) (Not Low Profile)



H 6993

1	635 715 R1	ELBOW, 1/2" pipe to 1/2" tube 45° cad-pltd. bevel gear cover bushing (for use on tractors prior to serial No. 1897)
1	9402 866	ELBOW, 5/8" tube to 1/2" pipe 90° cad-pltd. bevel gear cover bushing (for use on tractors with serial No. 1897 and up)
2	635 598 R91	HOSE, valve to bevel gear cover elbow (for use on tractors prior to serial No. 1897)
2	636 007 R91	HOSE, valve to bevel gear cover elbow (for use on tractors with serial No. 1897 and up)
3	635 714 R91	CHAIN, valve lever link
4	636 038 R1	LEVER, hydraulic valve 1/4 x 1-1/4" std-hd. dld. PIN 3/32 x 3/4" cotter PIN
5	635 596 R1	ELBOW, 1/2" pipe male 90° valve port (2)
6	119 101	CAP, 1/2" pipe valve port elbow (2) (transporting purposes only)
7	600 192 R1	SPACER, valve mounting (3)
8	144 034	BUSHING, 3/4 x 1/2" valve outlet reducer
9	635 596 R1	ELBOW, 1/2" pipe male 90° valve outlet (for use on tractors prior to serial No. 1897)
9	9402 866	ELBOW, 5/8" tube to 1/2" pipe 90° cad-pltd. valve outlet (for use on tractors with serial No. 1897 and up)

REF. NO.	PART NUMBER	DESCRIPTION
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HYDRAULIC VALVE SYSTEM - Cont

(For Tractors With Either Remote Control Hydraulic Cylinder, No. 11 Bullgrader, No. 15 Bullgrader or No. 600 Dozer Alone) (Not Low Profile)

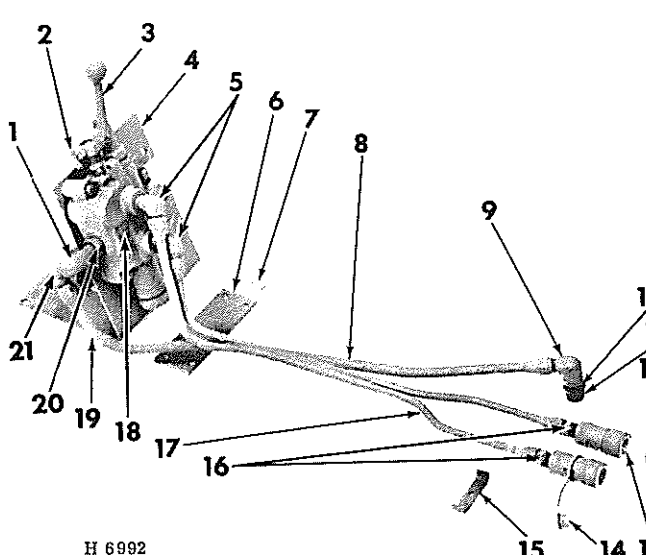
10		VALVE, one spool four way hydraulic (Refer to "HYDRAULIC VALVE") 3/8 x 2-1/2" hexagon BOLT (3) 3/8" hex. NUT (3) 3/8" lock WASHER (3)
11	144 034	BUSHING, 3/4 x 1/2" bevel gear cover reducer
636 231 R91		PARTS ACCESSORY, valve system (composed of all parts listed) (required to connect remote control hydraulic cylinder or No. 11 Bullgrader or No. 15 Bullgrader or No. 600 Dozer to the pump systems)



CRAWLER TRACTORS

HYDRAULIC SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
HYDRAULIC VALVE SYSTEM (For Tractors With Remote Control Hydraulic Cylinder Alone) (Low Profile Only)		
		
	H 6992	
1	108 686	ELBOW, 1/2"-90° valve outlet
2	635 714 R91	CHAIN, valve lever link
3	636 111 R1	LEVER, hydraulic valve 1/4 x 1-1/4" std-hd. dld. PIN 3/32 x 3/4" cotter PIN
4	636 116 R11	BRACKET, valve support (for use on tractors NOT equipped with standard transmission) 5/16 x 7/8" hexagon BOLT (2) 5/16 x 1" hexagon BOLT (2) 5/16" hex. NUT (2) 5/16" lock WASHER (2) 11/32 x 7/8 x 16 gauge WASHER (4)
4	636 116 R11	BRACKET, valve support (for use on tractors equipped with standard transmission) 5/16 x 1-1/2" hexagon BOLT (2) 3/8 x 1-1/4" hexagon BOLT (2) 5/16" hex. NUT (2) 3/8" hex. NUT (2) 13/32 x 7/8 x 7 gauge WASHER (2) 13/32 x 13/16 x 16 gauge WASHER (2) 5/16" lock WASHER (2) 3/8" lock WASHER (2)
5	618 231 R1	ELBOW, 1/2" tube to 1/2" pipe 90° cad-pltd. valve port (2)
6	636 118 R1	SPACER, valve support bracket (for use on tractors NOT equipped with reverser) 3/8 x 1-1/4" hexagon BOLT (2) Locking bolt TAB (2)
6	636 118 R1	SPACER, valve support bracket (for use on tractors equipped with reverser) 3/8 x 1-5/8" hexagon BOLT (2) Locking bolt TAB (2)
6	636 485 R1	Locking bolt TAB (2)
7	636 485 R1	TAB, bolt locking (4)

REF. NO.	PART NUMBER	DESCRIPTION
HYDRAULIC VALVE SYSTEM - Cont (For Tractors With Remote Control Hydraulic Cylinder Alone) (Low Profile Only)		
8		LINE, valve to bevel gear cover (for service on tractors prior to serial No. # order 1 - 636 367 R11 - Line and 1 - 108 686 - Elbow)
8	636 367 R11	LINE, valve to bevel gear cover (for use on tractors with serial No. # and up)
9	9402 905	ELBOW, 5/8" tube to 1/2" pipe 90° Cad-pltd. internal thread bevel gear cover
10	144 610	NIPPLE, 1/2 x 1-3/8" reservoir line elbow
11	144 034	BUSHING, 3/4 x 1/2" reducer bevel cover
12	254 691 R1	"O" RING, self-sealing coupling (2)(not part of Accessory Package)
13	374 783 R92	COUPLING, self sealing (2)(not part of Accessory Package)(includes "O" RING, 254 691 R1)
14	373 220 R1	CAP, coupling dust (2)(not part of Accessory Package)
15	636 119 R1	CLAMP, hydraulic line dual 1/4 x 1-1/4" hexagon BOLT 1/4" lock WASHER
16	636 208 R1	CONNECTOR, 1/2" tube to 1/2" pipe cad-pltd. hydraulic lines to self-sealing coupling (2)
17	636 114 R11	LINE, remote cylinder left
18		VALVE, one spool four way hydraulic (Refer to "HYDRAULIC VALVE") 3/8 x 2-1/2" hexagon BOLT (3) 3/8" hex. NUT (3) 3/8" lock WASHER (3)
19	636 115 R11	LINE, remote cylinder right
20	144 034	BUSHING, 3/4 x 1/2" valve outlet reducer
21	9402 866	ELBOW, 5/8" tube to 1/2" pipe 90° cad-pltd. valve outlet
	636 234 R91	PARTS ACCESSORY, valve system (required to connect remote control hydraulic cylinder to the pump system) (package will contain all parts listed, unless otherwise noted, plus 1 - 636 113 R91 - pump to valve high pressure line, not illustrated, to displace the regular high pressure line)

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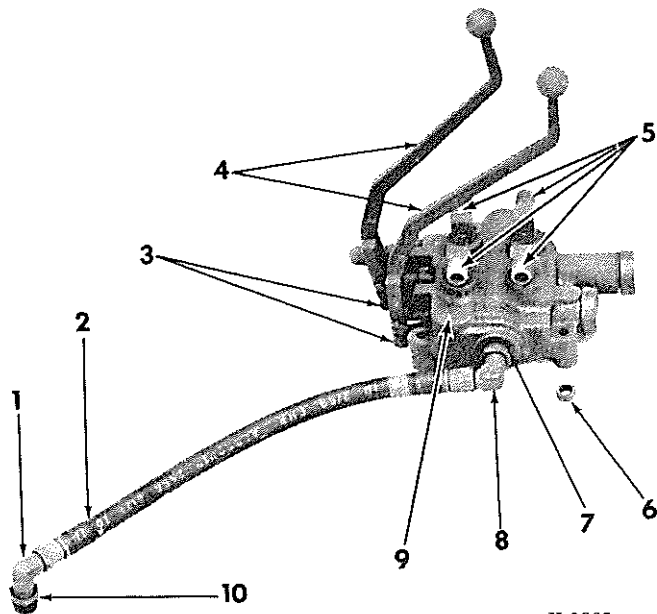


CRAWLER TRACTORS

HYDRAULIC SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
HYDRAULIC VALVE SYSTEM (For Tractors Equipped With Remote Control Hydraulic Cylinder In Conjunction With Either No. 11 Bullgrader, No. 15 Bullgrader or No. 600 Dozer)(Not Low Profile)		



H 6995

1	635 715 R1	ELBOW, 1/2" pipe to 1/2" tube 45° cad-pltd. reservoir hose(on tractors prior to serial No. 1897)
1	9402 866	ELBOW, 1/2" pipe to 5/8" tube 90° cad-pltd. reservoir hose (on tractors with serial No. 1897 and up)
2	635 598 R91	HOSE, valve to bevel gear cover reservoir (on tractors prior to serial No. 1897)
2	636 007 R91	HOSE, valve to bevel gear cover reservoir (on tractors with serial No. 1897 and up)
3	635 714 R91	LINK, lever chain pin (2) 1/16 x 1-1/2" cotter PIN
4	636 038 R1	LEVER, hydraulic valve (2) 1/4 x 1-1/4" std.-hd. dld. PIN (2) 3/32 x 3/4" cotter PIN (2)
5	635 596 R1	ELBOW, 1/2"-90° valve port male (4)
6	600 192 R1	SPACER, valve mounting (3)
7	144 034	BUSHING, 3/4 x 1/2" valve outlet reducer
8	635 596 R1	ELBOW, 1/2"-90° valve outlet male (on tractors prior to serial No. 1897)
8	9402 866	ELBOW, 1/2" pipe to 5/8" tube cad-pltd. 90° valve outlet (on tractors with serial No. 1897 and up)

REF. NO.	PART NUMBER	DESCRIPTION
HYDRAULIC VALVE SYSTEM - Cont (For Tractors Equipped With Remote Control Hydraulic Cylinder In Conjunction With Either No. 11 Bullgrader, No. 15 Bullgrader or No. 600 Dozer)(Not Low Profile)		
9		VALVE, two spool four way four way (Refer to "HYDRAULIC VALVE") 3/8 x 2-1/2" hexagon BOLT (3) 3/8" hex. NUT (3) 3/8" lock WASHER (3)
10	144 034	BUSHING, 3/4 x 1/2" bevel gear cover reducer
	119 101	CAP, 1/2" pipe valve port elbow (4)(for transporting purposes)(not illustrated)
	636 233 R91	PARTS ACCESSORY, hydraulic valve system (required to connect any of the above mentioned hydraulics to the pump system) (all parts listed are components of this Parts Accessory Package)

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CRAWLER TRACTORS

HYDRAULIC SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
HYDRAULIC VALVE SYSTEM (For Tractors Equipped With Remote Control Hydraulic Cylinder In Conjunction With Equipment Requiring A Four Way Control Valve) (Low Profile Only)		
	H 6978	
1	636 116 R11	BRACKET, valve support (for use on tractors NOT equipped with standard transmission) 5/16 x 7/8" hex. BOLT (2) 5/16 x 1" hex. BOLT (2) 5/16" hex. NUT (2) 11/32 x 7/8 x 16 gauge WASHER (2) 5/16" lock WASHER (4)
1	636 116 R11	BRACKET, valve support (for use on tractors equipped with standard transmission) 5/16 x 1-1/2" hex. BOLT (2) 3/8 x 1-1/4" hex. BOLT (2) 5/16" hex. NUT (2) 3/8" hex. NUT (2) 13/32 x 7/8 x 7 gauge WASHER (2) 13/32 x 13/16 x 16 gauge WASHER (2) 5/16" lock WASHER (2) 3/8" lock WASHER (2)
2	635 714 R91	CHAIN, valve lever link (2)
3	636 111 R1	LEVER, hydraulic valve (2) 1/4 x 1-1/4" std.-hd. dld. PIN (2) 3/32 x 3/4" cotter PIN (2)
4		VALVE, two spool four way control (Refer to "HYDRAULIC VALVE") 3/8 x 2-1/2" hex. BOLT (3) 3/8" hex. NUT (3) 3/8" lock WASHER (3)
5	618 231 R1	ELBOW, 1/2" tube to 1/2" pipe 90° cad-pltd. valve port (4)
6	9403 372	CAP, 1/2" tube cad-pltd. port elbow (2) (for transporting purposes only)
7	636 485 R1	TAB, bolt locking (4)

REF. NO.	PART NUMBER	DESCRIPTION
HYDRAULIC VALVE SYSTEM - Cont (For Tractors Equipped With Remote Control Hydraulic Cylinder In Conjunction With Equipment Requiring A Four Way Control Valve) (Low Profile Only)		
8	636 118 R1	SPACER, valve support bracket (for use on tractors NOT equipped with reverser) 3/8 x 1-1/4" hex. BOLT (2) Locking bolt TAB (2)
8	636 118 R1	SPACER, valve support bracket (for use on tractors equipped with reverser) 3/8 x 1-5/8" hex. BOLT (2) Locking bolt TAB (2)
9		LINE, hydraulic reservoir valve to bevel gear cover (for service on tractors prior to serial No. # order 1-636 367 R11 - Line and 1-108 686 - Elbow)
9	636 367 R11	LINE, hydraulic reservoir valve to bevel gear cover (for use on tractors with serial No. # and up)
10	9402 905	ELBOW, 5/8" tube to 1/2" pipe 90° cad-pltd. internal thread bevel gear cover
11	144 610	NIPPLE, 1/2 x 1-3/8" reservoir elbow
12	144 034	BUSHING, 3/4 x 1/2" gear cover reducer
13	254 691 R1	"O" RING, self sealing coupling (2)(not part of Accessory Package)
14	374 783 R91	COUPLING, self-sealing (2)(Includes RING, 254 691 R1)(not part of Accessory Package)
15	373 220 R1	CAP, coupling dust (2)(not part of Accessory Package)
16	636 208 R1	CONNECTOR, 1/2" tube to 1/2" pipe cad-pltd. hydraulic lines to self-sealing couplings (2)
17	636 119 R1	CLAMP, hydraulic line dual 1/4 x 1-1/4" hex. BOLT 1/4" lock WASHER
18	636 114 R11	LINE, remote control left
19	636 115 R11	LINE, remote control right
20	144 034	BUSHING, 3/4 x 1/2" valve outlet reducer
21	108 686	ELBOW, 1/2"-90° valve outlet
22	9402 866	ELBOW, 5/8" tube to 1/2" line 90° cad-pltd. valve outlet
	636 235 R91	PARTS ACCESSORY, valve system (required to connect a Remote Control Hydraulic Cylinder used in conjunction with equipment requiring a four way control valve to a pump system)(package will contain all parts listed, unless otherwise noted, plus 1-636 127 R11, Line; not illustrated; to replace the regular high pressure line)

* Not Serviced Separately
Information Not Available

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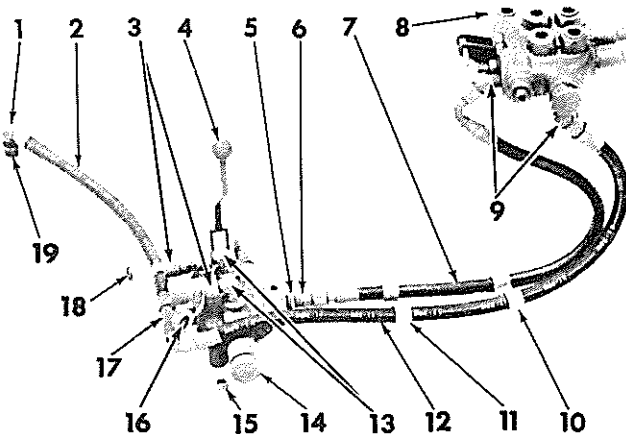
CRAWLER TRACTORS

HYDRAULIC SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
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HYDRAULIC VALVE SYSTEM
(For Tractors Equipped With Remote Control Hydraulic Cylinder
In Conjunction With No. 280 Wagner Loader)(Not Low Profile)



H 7036

1	635 715 R1	ELBOW, 1/2" pipe to 1/2" tube 45° cad-pltd. gear cover bushing (tractors prior to serial No. 1897)
1	9402 866	ELBOW, 5/8" tube to 1/2" pipe 90° cad-pltd. gear cover bushing (tractors with serial No. 1897 and up)
2	635 598 R91	HOSE, valve to gear cover elbow (tractors prior to serial No. 1897)
2	636 007 R91	HOSE, valve to gear cover elbow (tractors with serial No. 1897 and up)
3	374 783 R91	COUPLING, remote control self-sealing (Includes "O" RING, 254 691 R1)
4	636 038 R1	LEVER, hydraulic valve 1/4 x 1-1/4" std.-hd. dld. PIN 3/32 x 3/4" cotter PIN
5	144 034	BUSHING, 3/4 x 1/2" valve inlet and outlet reducer
6	9402 710	CONNECTOR, 5/8" tube to 1/2" pipe cad-pltd. fender valve inlet port bushing
7	636 012 R91	HOSE, valve to valve
8		VALVE, Wagner (for components refer to Wagner Parts Catalog)
9	9402 827	ELBOW, 5/8" tube to 1/2" pipe 45° cad-pltd. Wagner valve (2)
10	636 013 R1	CLAMP, reservoir hose (2) 1/4 x 3/4" hex. BOLT (2) 1/4" hex. NUT (2) 1/4" lock WASHER (2)

REF. NO.	PART NUMBER	DESCRIPTION
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HYDRAULIC VALVE SYSTEM - Cont
(For Tractors Equipped With Remote Control Hydraulic Cylinder
In Conjunction With No. 280 Wagner Loader)(Not Low Profile)

11	635 998 R1	CLAMP, valve to valve hose 1/4 x 3/4" hex. BOLT 1/4" hex. NUT 1/4" lock WASHER
12	636 011 R91	HOSE, reservoir front
13	635 596 R1	ELBOW, 1/2" pipe male 90° valve port (2)
14		VALVE, one spool four way (Refer to "HYDRAULIC VALVE") 3/8 x 2-1/2" hex. BOLT (3) 3/8" hex. NUT (3) 3/8" lock WASHER (3)
15	600 192 R1	SPACER, valve mounting (3)
16	373 220 R1	CAP, coupling dust
17	9403 022	TEE, 5/8" tube to 1/2" pipe cad-pltd. fender valve outlet port bushing
18	254 691 R1	"O" RING, self-sealing coupling
19	144 034	BUSHING, 3/4 x 1/2" gear cover reducer
19	144 034	BUSHING, 3/4 x 1/2" Wagner valve outlet port reducer
	119 001	CAP, 1/2" pipe valve port elbow (2)(for transporting purposed - not illustrated)
	635 714 R91	CHAIN, valve lever link (not illustrated)
636 239 R91		PARTS ACCESSORY, No. 280 Wagner Loader hydraulic completing (required to connect Wagner hydraulics to the valve system) composed of: 1 Bushing 144 034 1 Clamp 635 998 R1 2 Clamp 636 013 R1 1 Connector 9402 710 2 Elbow 9402 827 1 Hose 636 012 R91 1 Hose 636 011 R91 1 Tee 9403 022
636 231 R91		PARTS ACCESSORY, valve system (required to connect the Remote Control Hydraulic Cylinder and the No. 280 Wagner Loader Hydraulics to the pump system) composed of: 2 Bushing 144 034 2 Cap 119 101 1 Chain 635 714 R91 2 Elbow 9402 866 1 Elbow 635 596 R1 1 Hose 636 007 R91 1 Lever 636 038 R1 1 Pin Q 711 1 Pin 103 373 3 Spacer 600 192 R1 1 Valve 635 867 R92

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CRAWLER TRACTORS

HYDRAULIC SYSTEM

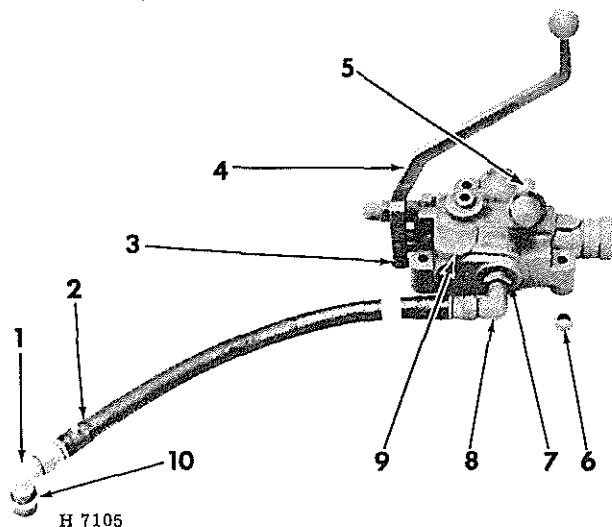


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REF. NO.	PART NUMBER	DESCRIPTION
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HYDRAULIC VALVE SYSTEM
(For Tractors Equipped With A Single Acting Cylinder Alone)
(Not Low Profile)

HYDRAULIC VALVE SYSTEM - Cont
(For Tractors Equipped With A Single Acting Cylinder Alone)
(Not Low Profile)



1	9402 866	ELBOW, 1/2" pipe to 5/8" tube 90° cad-pltd. bevel gear cover bushing
2	636 007 R91	HOSE, hydraulic reservoir
3	635 714 R91	CHAIN, valve to lever link
4	636 038 R1	LEVER, hydraulic valve 1/4 x 1-1/4" std.-hd. dld. PIN 3/32 x 3/4" cotter PIN
5	635 596 R1	ELBOW, 1/2" pipe male 90° cylinder hose valve port
6	600 192 R1	SPACER, valve mounting (3)
7	144 034	BUSHING, 3/4 x 1/2" valve outlet reducer
8	635 596 R1	ELBOW, 1/2" pipe male 90° valve outlet (tractors prior to serial No. 1897)
8	9402 866	ELBOW, 5/8" tube to 1/2" pipe 90° cad-pltd. valve outlet (tractors with serial No. 1897 and up)
9		VALVE, one spool three way hydraulic (Refer to "HYDRAULIC VALVE") 3/8 x 2-1/2" hex. BOLT (3) 3/8" hex. NUT (3) 3/8" lock WASHER (3)
10	144 034	BUSHING, 3/4 x 1/2" gear cover reducer
	636 240 R91	PARTS ACCESSORY, hydraulic reservoir line completing composed of: 1 Bushing 144 034 1 Elbow 9402 866 1 Hose 636 007 R91

636 230 R91	PARTS ACCESSORY, valve system, (required to connect the valve system and the reservoir to the pump system when a single acting cylinder is used) composed of: 1 Bushing 144 034 1 Chain 635 714 R91 1 Elbow 635 596 R1 1 Elbow 9402 866 1 Elbow 9410 977 1 Hose 635 594 R92 1 Hose 636 006 R92 1 Lever 636 038 R1 1 "O" Ring 570 828 R1 3 Spacer 600 192 R1 1 Valve 635 605 R92
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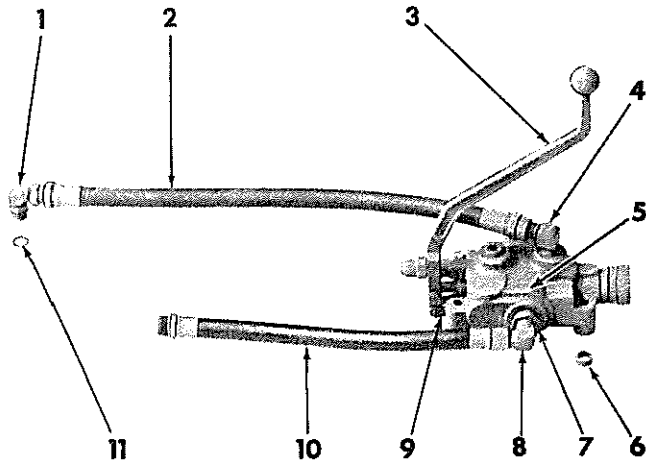
CRAWLER TRACTORS

HYDRAULIC SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
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HYDRAULIC VALVE SYSTEM (For Tractors With Three-Point Linkage Alone)(Not Low Profile)



H 6994

1	9410 977	ELBOW w/back-up washer and lock nut, 1/2" tube 90° cad-pltd. cylinder hose
2	635 594 R92	HOSE, valve to three point hitch lift housing hydraulic cylinder
3	636 038 R1	LEVER, hydraulic valve 1/4 x 1-1/4" std-hd. dld. PIN 3/32 x 3/4" cotter PIN
4	635 596 R1	ELBOW, 1/2" pipe male 90° cylinder hose valve port
5		VALVE, one spool three way hydraulic (Refer to "HYDRAULIC VALVE") 3/8 x 2-1/2" hexagon BOLT (3) 3/8" hex. NUT (3) 3/8" lock WASHER (3)
6	600 192 R1	SPACER, valve mounting (3)
7	144 034	BUSHING, 3/4 x 1/2" valve outlet reducer
8		ELBOW, 1/2" pipe male 90° reservoir hose valve outlet (for use on tractors prior to serial No. 1897)
8	9402 866	ELBOW, 5/8" tube to 1/2" pipe 90° cad- pltd. reservoir hose valve outlet (for use on tractors with serial No. 1897 and up)
9	635 714 R91	CHAIN, valve to lever link
10	635 595 R91	HOSE, valve to three point hitch lift housing hydraulic reservoir (for use on tractors prior to serial No. 1897)
10	636 006 R92	HOSE, valve to three point hitch lift housing hydraulic reservoir (for use on tractors with serial No. 1897 and up)

REF. NO.	PART NUMBER	DESCRIPTION
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HYDRAULIC VALVE SYSTEM - Cont (For Tractors With Three-Point Linkage Alone)(Not Low Profile)

11	570 828 R1	"O" RING, cylinder hose elbow
	636 230 R91	PARTS ACCESSORY, valve system (composed of all parts listed)(required to connect three point linkage hydraulics alone to the pump system)

* Not Serviced Separately

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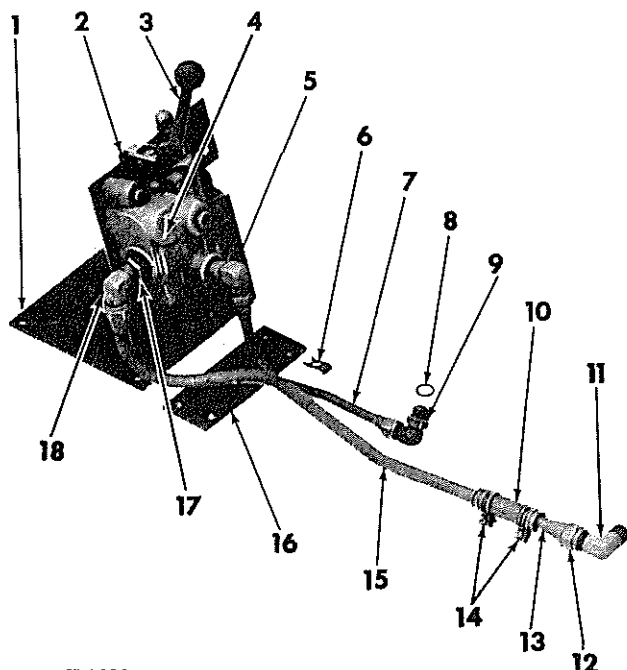
CRAWLER TRACTORS

HYDRAULIC SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
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HYDRAULIC VALVE SYSTEM (For Tractors With Three Point Linkage Alone)(Low Profile Only)



H 6980

1	636 116 R11	BRACKET, valve support (for use on tractors equipped with torque amplifier or reverser) 5/16 x 7/8" hexagon BOLT (2) 5/16 x 1" hexagon BOLT (2) 5/16" hex. NUT (2) 11/32 x 7/8 x 16 gauge WASHER (4) 5/16" lock WASHER (4)
1	636 116 R11	BRACKET, valve support (for use on tractors equipped with standard transmissions) 5/16 x 1-1/2" hexagon BOLT (2) 3/8 x 1-1/4" hexagon BOLT (2) 5/16" hex. NUT (2) 3/8" hex. NUT (2) 13/32 x 13/16 x 16 gauge WASHER (2) 13/32 x 7/8 x 7 gauge WASHER (2) 5/16" lock WASHER (2) 3/8" lock WASHER (2)
2	635 714 R91	CHAIN, valve lever link
3	636 111 R1	LEVER, hydraulic valve 1/4 x 1-1/4" std.-hd. dld. PIN 3/32 x 3/4" cotter PIN
4		VALVE, one spool three way hydraulic (Refer to "HYDRAULIC VALVE") 3/8 x 2-1/2" hexagon BOLT (3) 3/8" hex. NUT (3) 3/8" lock WASHER (3)
5	618 231 R1	ELBOW, 1/2" tube to 1/2" pipe 90° cad-pltd. valve port

REF. NO.	PART NUMBER	DESCRIPTION
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HYDRAULIC VALVE SYSTEM - Cont (For Tractors With Three Point Linkage Alone)(Low Profile Only)

6	636 485 R1	TAB, bracket spacer bolt locking (4)
7	636 333 R11	LINE, valve to three point hitch lift housing cylinder
8	570 828 R1	"O" RING, cylinder cap elbow
9	9410 977	ELBOW, 5/8" tube to 1/2" pipe 90° cad-pltd. housing cylinder
10	636 596 R1	HOSE, return tube connecting (for use on tractors with serial No. # and up)
11	9402 866	ELBOW, 5/8" tube to 1/2" pipe 90° cad-pltd. lift housing reservoir
12	9403 490	NUT, rear return tube
13	636 597 R1	TUBE, valve to three point hitch housing hydraulic reservoir rear return (for use on tractors with serial No. # and up)
14	636 602 R91	CLAMP, cylinder line connecting (2)(for use on tractors with serial No. # and up)
15		LINE ASSEMBLY, hydraulic reservoir valve to housing rear return(on tractors prior to serial No. # order 1 - 636 595 R11 - Tube, 1 - 636 596 R1 - Hose, 1 - 636 597 R1 -Tube, 2 - 636 602 R91 - Clamp and 1 - 9403 490 - Nut)
15	636 595 R11	TUBE, valve to three point hitch lift housing reservoir front return (for use on tractors with serial No. # and up)
16	636 118 R1	SPACER, valve support bracket (for use on tractors NOT equipped with reverser) 3/8 x 1-1/4" hexagon BOLT (2) Locking bolt TAB (2)
16	636 118 R1	SPACER, valve support bracket (for use on tractors equipped with reverser) 3/8 x 1-5/8" hexagon BOLT (2) Locking bolt TAB (2)
17	144 034	BUSHING, 3/4 x 1/2" valve outlet
18	9402 866	ELBOW, 5/8" tube to 1/2" pipe 90° cad-pltd. hose valve outlet
	636 337 R91	PARTS ACCESSORY, valve system (required to connect three point linkage hydraulics alone to the pump system) package will contain all parts listed plus 1 - 636 113 R11 pump to valve high pressure line, not illustrated, to displace the regular high pressure line)

* Not Serviced Separately

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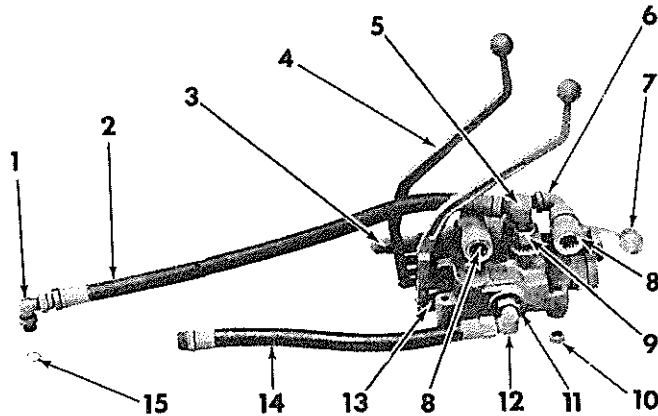


CRAWLER TRACTORS

HYDRAULIC SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
HYDRAULIC VALVE SYSTEM (For Tractors Equipped With Three Point Linkage In Conjunction With Either Remote Control Hydraulic Cylinder, No. 11 Bullgrader, No. 15 Bullgrader or No. 600 Dozer)		



H 6991

1	9410 977	ELBOW w/back-up washer and lock nut, 1/2" tube 90° cad-pltd. lift housing cylinder hose
2	635 594 R92	HOSE, valve to three point hitch lift housing hydraulic cylinder
3		VALVE, two spool four way three way (Refer to "HYDRAULIC VALVE") 3/8 x 2-1/2" hexagon BOLT (3) 3/8" hex. NUT (3) 3/8" lock WASHER (3)
4	636 038 R1	LEVER, hydraulic valve (2) 1/4 x 1-1/4" std-hd. dld. PIN (2) 3/32 x 3/4" cotter PIN (2)
5	635 596 R1	ELBOW, 1/2"-90° pipe valve port (3)
6	108 686	ELBOW, 1/2"-90° front right valve port
7	373 220 R1	CAP, coupling dust (2)(not part of Accessory Package)
8	374 783 R91	COUPLING, remote control self-sealing (2) (includes "O" RING, 254 691 R1)(not part of Accessory Package)
9	444 004	ADAPTOR, 1/2" right rear valve port
10	600 192 R1	SPACER, valve mounting (3)
11	144 034	BUSHING, 3/4" x 1/2" valve outlet reducer
12	635 596 R1	ELBOW, 1/2"-90° pipe valve outlet (for use on tractors prior to serial No. 1897)
12	9402 866	ELBOW, 5/8" tube to 1/2" pipe 90° cad-pltd. reservoir hose valve outlet (for use on tractors with serial No. 1897 and up)
13	635 714 R91	CHAIN, valve to lever link (2)

REF. NO.	PART NUMBER	DESCRIPTION
HYDRAULIC VALVE SYSTEM - Cont (For Tractors Equipped With Three Point Linkage In Conjunction With Either Remote Control Hydraulic Cylinder, No. 11 Bullgrader, No. 15 Bullgrader or No. 600 Dozer)		

14	635 595 R91	HOSE, valve to three point hitch lift housing hydraulic reservoir (for use on tractors prior to serial No. 1897)
14	636 006 R92	HOSE, valve to three point hitch lift housing hydraulic reservoir (for use on tractors with serial No. 1897 and up)
15	570 828 R1	"O" RING, lift housing cylinder elbow
	119 101	CAP, 1/2" pipe valve port elbow (2)(for transporting purposes)(not illustrated)
	254 691 R1	"O" RING, self-sealing connector (2)(not part of Accessory Package)(not illustrated)
	636 232 R91	PARTS ACCESSORY, valve system (required to connect three point linkage when used in conjunction with either remote control cylinder, No. 11 Bullgrader, No. 600 Dozer to the pump system)(all parts listed are components of this Parts Accessory Package unless otherwise specified)

* Not Serviced Separately

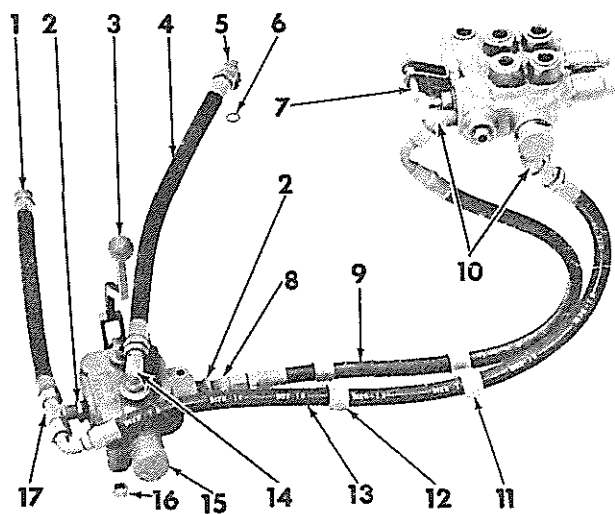
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CRAWLER TRACTORS

HYDRAULIC SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
HYDRAULIC VALVE SYSTEM (For Tractors Equipped With Three Point Linkage In Conjunction With No. 280 Wagner Loader)(Not Low Profile)		
		
	H 7037	
1	635 595 R91	HOSE, valve to three point hitch lift housing hydraulic reservoir (tractors prior to serial No. 1897)
1	636 006 R92	HOSE, valve to three point hitch lift housing hydraulic reservoir (tractors with serial No. 1897 and up)
2	144 034	BUSHING, 3/4 x 1/2" valve inlet outlet reducer
3	636 038 R1	LEVER, hydraulic valve 1/4 x 1-1/4" std-hd. dld. PIN 3/32 x 3/4" cotter PIN
4	635 594 R92	HOSE, valve to three point hitch lift housing hydraulic cylinder
5	9410 977	ELBOW w/back-up washer and lock nut, 1/2" tube 90° cad-pltd. cylinder hose
6	570 828 R1	"O" RING, cylinder hose elbow
7		VALVE, Wagner hydraulic (for components refer to Wagner Parts Catalog)
8	9402 710	CONNECTOR, 5/8" tube to 1/2" pipe cad-pltd. fender valve inlet port bushing
9	636 012 R91	HOSE, valve to valve
10	9402 827	ELBOW, 5/8" tube to 1/2" pipe 45° cad-pltd. Wagner valve (2)
11	636 013 R1	CLAMP, reservoir hose (2) 1/4 x 3/4" hex. BOLT (2) 1/4" hex. NUT (2) 1/4" lock WASHER (2)

REF. NO.	PART NUMBER	DESCRIPTION
HYDRAULIC VALVE SYSTEM - Cont (For Tractors Equipped With Three Point Linkage In Conjunction With No. 280 Wagner Loader)(Not Low Profile)		
12	635 998 R1	CLAMP, valve to valve hose 1/4 x 3/4" mach. BOLT w/NUT 1/4" lock WASHER
13	636 011 R91	HOSE, reservoir front
14	635 596 R1	ELBOW, 1/2" pipe male 90° cylinder hose valve port
15		VALVE, one spool three way hydraulic (Refer to "HYDRAULIC VALVE") 3/8 x 2-1/2" hex. BOLT (3) 3/8" hex. NUT (3) 3/8" lock WASHER (3)
16	600 192 R1	SPACER, valve mounting (3)
17	9403 022	TEE, 5/8" tube to 1/2" pipe cad-pltd. fender valve outlet port bushing
	144 034	BUSHING, 3/4 x 1/2" Wagner valve outlet port reducer (not illustrated)
	635 714 R91	CHAIN, valve to lever link (not illustrated)
	636 239 R91	PARTS ACCESSORY, No. 280 Wagner Loader hydraulic completing (required to connect No. 280 Wagner Loader hydraulics to three point linkage hydraulics to the pump system) composed of:
		1 Bushing 144 034 1 Clamp 635 998 R1 1 Clamp 636 013 R1 1 Connector 9402 710 2 Elbow 9402 827 1 Hose 636 011 R91 1 Hose 636 012 R91 1 Tee 9403 022
	636 230 R91	PARTS ACCESSORY, valve system (required to connect No. 280 Wagner Loader hydraulics when used in conjunction with three point linkage or remote control hydraulic cylinders to the pump system) composed of:
		1 Bushing 144 034 1 Chain 635 714 R91 1 Elbow 635 596 R1 1 Elbow 9402 866 1 Elbow 9410 977 1 Hose 635 594 R92 1 Hose 636 006 R92 1 Lever 636 038 R1 1 "O" Ring 570 828 R1 3 Spacer 600 192 R1 1 Valve 635 605 R92

* Not Serviced Separately

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HYDRAULIC SYSTEM

CRAWLER TRACTORS

HYDRAULIC SYSTEM

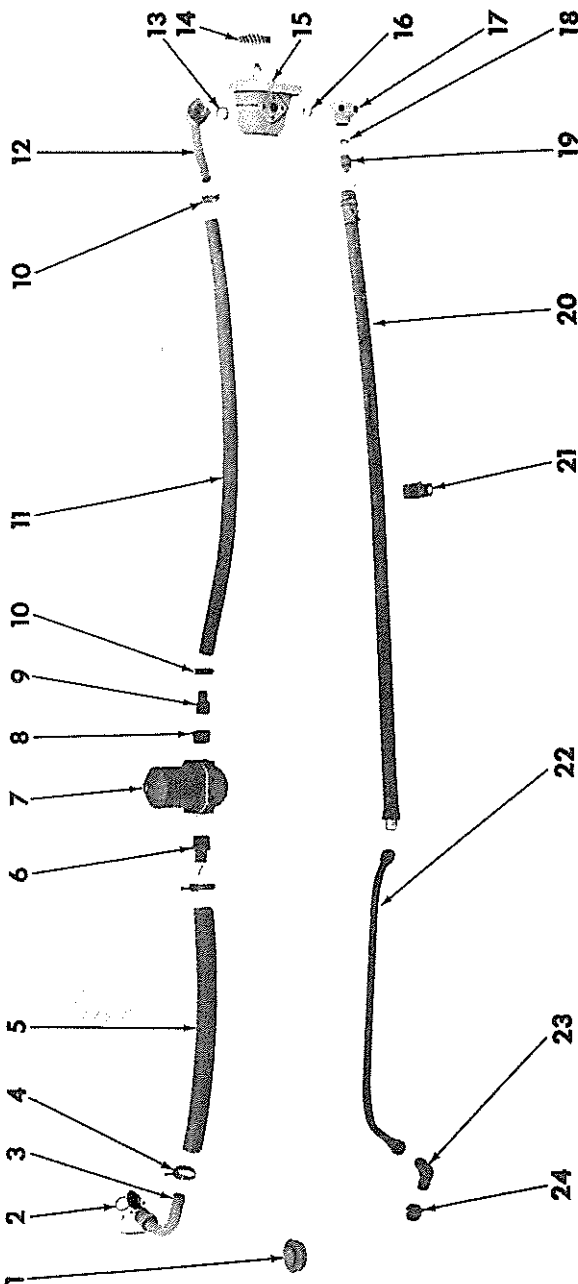


ITEM NUMBER DESCRIPTION

REF. NO. PART NUMBER DESCRIPTION

HYDRAULIC PUMP SYSTEM
(For Diesel Engine With Timing Gear Driven 7 G. P. M. Hydraulic Pump)

HYDRAULIC PUMP SYSTEM - Cont
(For Diesel Engine With Timing Gear Driven 7 G. P. M. Hydraulic Pump)



NOTE "A" For use on tractors with serial No. 501 to 2347, 2349 to 2763, 2765 to 2962, 2964, 2966, 2968, 2969, 2971, 2975 to 2997, 2999 to 3020, 3027 to 3041, 3043 to 3045, 3051 to 3060, 3064 to 3070, 3074, 3077 to 3137, 3139 to 3149.

NOTE "B" For use on tractors with serial No. 2348, 2764, 2963, 2965, 2967, 2970, 2972 to 2974, 2998, 3021 to 3026, 3042, 3046 to 3050, 3061 to 3063, 3071 to 3073, 3075, 3076, 3138, 3150 and up.

636 242 R91 PARTS ACCESSORY, hydraulic pump system (required to connect to the various valve systems)(all parts listed below are components of this Parts Accessory Package, unless otherwise noted)

- 1 364 679 R91 BREATHER, hydraulic reservoir
- 2 252 728 R1 "O" RING, hydraulic return line elbow
- 3 635 710 R91 ELBOW, hydraulic return line
- 4 274 086 R91 CLAMP, reservoir to filter return hose (2)
- 5 635 583 R1 HOSE, reservoir to filter return (Note "A")
- 5 636 341 R1 HOSE, reservoir to filter return (Note "B")
- 6 635 648 R1 FITTING, reservoir side of filter return hose
- 7 FILTER, hydraulic oil (Refer to "HYDRAULIC OIL FILTER")
3/8 x 1-1/8" hexagon BOLT (2)
13/32 x 13/16 x 15 gauge WASHER (2)
3/8" hex. NUT (2)
3/8" lock WASHER (2)
- 8 128 003 BUSHING, 1 x 3/4" oil filter hose fitting reducer
- 9 635 584 R1 FITTING, pump side of filter return hose
- 10 636 568 R91 CLAMP, filter to pump return hose (2)
- 11 635 592 R1 HOSE, filter to pump return (Note "A")
- 11 636 342 R1 HOSE, oil filter to pump return (Note "B")
- 12 635 593 R11 MANIFOLD, hydraulic pump inlet.
3044 641 R1 5/16 x 3/4" Allen SCREW (not part of Accessory Package)
3044 644 R1 Spring WASHER (not part of Accessory Package)
- 13 706 071 R1 "O" RING, hydraulic pump inlet (for use on tractors prior to serial No. #)

H 5939

* Not Serviced Separately
Information Not Available

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REF. NO.	PART NUMBER	DESCRIPTION
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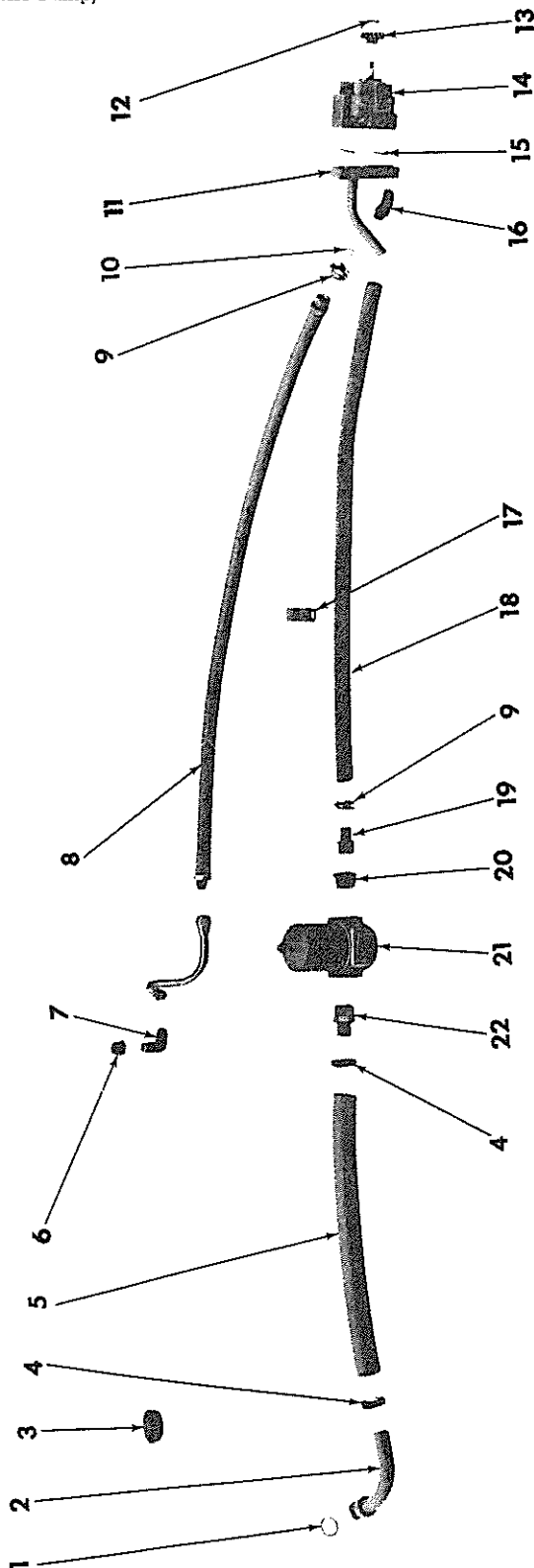
CRAWLER TRACTORS

HYDRAULIC SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
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HYDRAULIC PUMP SYSTEM
(For Carbureted Engines With Timing Gear Driven 9 G. P. M.
Hydraulic Pump)



H 5845

* Not Serviced Separately

REF. NO.	PART NUMBER	DESCRIPTION
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HYDRAULIC PUMP SYSTEM - Cont
(For Carbureted Engines With Timing Gear Driven 9 G. P. M.
Hydraulic Pump)

NOTE "A" For use on tractors up to serial No. 501 to 2347, 2349 to 2763, 2765 to 2962, 2964, 2966, 2968, 2969, 2971, 2975 to 2997, 2999 to 3020, 3027 to 3041, 3043 to 3045, 3051 to 3060, 3064 to 3070, 3074, 3077 to 3137, 3139 to 3149

NOTE "B" For use on tractors with serial No. 2348, 2764, 2963, 2965, 2967, 2970, 2972 to 2974, 2998, 3021 to 3026, 3042, 3046 to 3050, 3061 to 3063, 3071 to 3073, 3075, 3076, 3138, 3150 and up

1	252 728 R1	"O" RING, hydraulic return line elbow
2	635 710 R91	ELBOW, hydraulic return line
3	364 679 R91	BREATHER, reservoir
4	274 086 R91	CLAMP, reservoir to filter return hose (2)
5	635 583 R1	HOSE, reservoir to filter return (Note "A")
5	636 341 R1	HOSE, reservoir to filter return (Note "B")
6	144 034	BUSHING, 3/4 x 1/2" valve inlet reducer
7	9402 866	ELBOW, 5/8" tube to 1/2" pipe 90° cad-pltd. valve inlet bushing
8	635 600 R91	HOSE, high pressure pump to valve
9	636 568 R91	CLAMP, filter to pump return hose (2)
10	570 828 R1	"O" RING, pump outlet manifold
11	635 602 R11	MANIFOLD, hydraulic pump 3/8-NF x 3-1/2" hex. BOLT (2) (Thompson Pump only) 3/8-NF x 4" hex. BOLT (2) (Pesco Pump only) 3/8" hex. NUT (2) 3/8" lock WASHER (2)
12	351 818 R1	WASHER, pump drive gear
13	350 709 R1 124 543 114 494	GEAR, 16 T pump drive 1/8 x 1/2" Woodruff KEY 3/8"-NF hex. jam NUT
14		PUMP, 9 G. P. M. hydraulic (Refer to "HYDRAULIC PUMP") 3/8 x 3-1/4" hex. BOLT (2) (Thompson Pump) 3/8 x 3-1/2" hex. BOLT (2) (Pesco Pump) 3/8" lock WASHER (2)
15	355 965 R1	"O" RING, hydraulic pump manifold (2)
16	9411 105	ELBOW w/back-up washer and lock nut, 1/2 tube 45° cad-pltd. pump outlet manifold

REF. NO.	PART NUMBER	D E S C R I P T I O N
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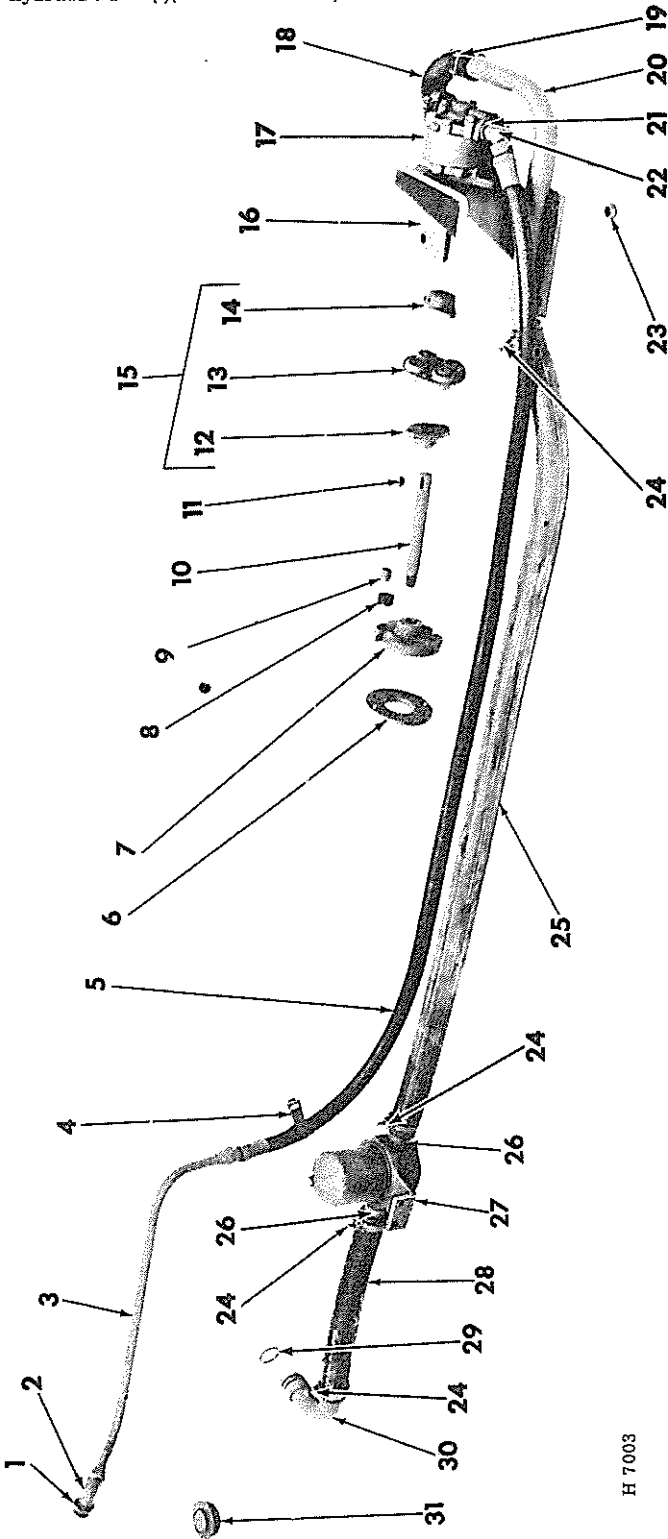
CRAWLER TRACTORS

HYDRAULIC SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
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HYDRAULIC PUMP SYSTEM (For Tractors With Front Power Take-Off Driven 12 G. P. M. Hydraulic Pump)(Not Low Profile)



REF. NO.	PART NUMBER	DESCRIPTION
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HYDRAULIC PUMP SYSTEM - Cont (For Tractors With Front Power Take-Off Driven 12 G. P. M. Hydraulic Pump)(Not Low Profile)

NOTE "A" For use on tractors up to serial No. 501 to 2347, 2349 to 2763, 2765 to 2962, 2964, 2966, 2968, 2969, 2971, 2975 to 2997, 2999 to 3020, 3027 to 3041, 3043 to 3045, 3051 to 3060, 3064 to 3070, 3074, 3077 to 3137, 3139 to 3149

NOTE "B" For use on tractors with serial No. 2348, 2764, 2963, 2965, 2967, 2970, 2972 to 2974, 2998, 3021 to 3026, 3042, 3046 to 3050, 3061 to 3063, 3071 to 3073, 3075, 3076, 3138, 3150 and up

NOTE "C" For use on tractors with serial No. 1449 to 2347, 2349 to 2763, 2765 to 2962, 2964, 2966, 2968, 2969, 2971, 2975 to 2997, 2999 to 3020, 3027 to 3041, 3043 to 3045, 3051 to 3060, 3064 to 3070, 3074, 3077 to 3137, 3139 to 3149

1	144 034	BUSHING, 3/4 x 1/2" valve inlet reducer
2	9402 866	ELBOW, 5/8" tube to 1/2" pipe 90° cad-pltd. valve inlet bushing
3	635 599 R11	LINE, high pressure pump to valve
4	636 053 R1	CLAMP, high pressure hose
5	635 866 R91	HOSE, high pressure pump to valve
6	635 955 R1	PLATE, front P.T.O. pulley adaptor (Carburated Engine only) 3/8 x 1-1/4" hex. BOLT (2) 3/8" internal-tooth lock WASHER (2)
7	635 952 R11	ADAPTOR, front P.T.O. pulley hub (Includes BUSHINGS, 635 953 R1 and 635 954 R1) 7/16 x 1" hex. BOLT (4) (Carburated Engine) 7/16 x 1-1/2" hex. BOLT (4) (Diesel Engine) 7/16" internal-tooth lock WASHER (4)
8	635 954 R1	BUSHING, hub adaptor outer (4)
9	635 953 R1	BUSHING, hub adaptor inner (4)
10	635 705 R1	SHAFT, front P.T.O. pump drive (Carburated Engine only)
10	635 706 R1	SHAFT, front P.T.O. pump drive (Diesel Engine only)
11	106 751	KEY, pump drive shaft to drive flange (3/16 x 3/4" Woodruff KEY)
12	635 950 R1 102 569	FLANGE, 3/4" rear drive 1/4 x 1/4" soc-hd. set SCREW (2)
13	635 951 R1	HUB, front P.T.O. adaptor 5/16-NF x 1-5/8" hex. BOLT (4) 5/16"-NF lock NUT (4)

* Not Serviced Separately

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CRAWLER TRACTORS

HYDRAULIC SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
HYDRAULIC PUMP SYSTEM - Cont (For Tractors With Front Power Take-Off Driven 12 G. P. M. Hydraulic Pump)(Not Low Profile)		
14	635 957 R1 102 569	FLANGE, 11/16" front drive 1/4 x 1/4" soc-hd. set SCREW (2)
15	635 956 R91	COUPLING ASSEMBLY, front P.T.O. composed of: 1 Flange 635 950 R1 1 Flange 635 957 R1 1 Hub 635 951 R1 4 Bolt 181 344 4 Locknut 192 061 4 Screw 102 569
16	635 707 R91	BRACKET, front P.T.O. pump mounting 1/2 x 1-3/4" hex. BOLT (4) 17/32 x 1 x 11 gauge WASHER (4) 1/2" lock WASHER (4)
17		PUMP, 12 G. P. M. hydraulic (Refer to "HYDRAULIC PUMP") 7/16 x 1-1/2" hex. BOLT (2) 7/16" hex. NUT (2) 7/16" lock WASHER (2)
18	636 726 R1	HOSE, pump inlet line connecting (tractors with serial No. # and up)
19	636 727 R91	CLAMP, pump inlet line manifold tube (2) (tractors with serial No. # and up)
20	635 881 R21	TUBE, pump inlet manifold (tractors prior to serial No. #)
20	636 725 R1	TUBE, pump inlet manifold (tractors with serial No. # and up)
21	636 724 R1	NUT, pump outlet manifold elbow
22	635 715 R1	ELBOW, 1/2" tube to 1/2" pipe 45° cad- pltd. pump outlet manifold
23	610 395 R1	SPACER, pump mounting bracket (2)
24	636 569 R91	CLAMP, return line hoses (4)
25	635 702 R1	HOSE, filter to pump return (tractors prior to serial No. 1449)
25	635 991 R1	HOSE, filter to pump return (Note "C")
25	636 345 R1	HOSE, filter to pump return (Note "B")
26	635 743 R1	FITTING, filter return hose (2)
27		FILTER, hydraulic oil (Refer to "HYDRAULIC FILTER") 3/8 x 1-1/8" hex. BOLT (2) 3/8" hex. NUT (2) 13/32 x 13/16 x 15 gauge WASHER (2) 3/8" lock WASHER (2)
28	635 744 R1	HOSE, reservoir to filter return (Note "A")

REF. NO.	PART NUMBER	DESCRIPTION
HYDRAULIC PUMP SYSTEM - Cont (For Tractors With Front Power Take-Off Driven 12 G. P. M. Hydraulic Pump)(Not Low Profile)		
28	636 344 R1	HOSE, reservoir to filter return (Note "B") Cont
29	252 728 R1	"O" RING, return line elbow
30	635 745 R91	ELBOW, reservoir return line
31	364 679 R91	BREATHER, reservoir
	141 621	ELBOW, 3/4"-90° pump inlet manifold (2)(tractors prior to serial No. #) (not illustrated)
	636 728 R1	CONNECTOR, hydraulic pump inlet line (tractors with serial No. # and up) (not illustrated)
	636 243 R92	PARTS ACCESSORY, hydraulic pump system (Carburated Engine only)(required to connect to the various valve systems) (all parts listed, with the exception of 635 706 R1 - Shaft, are components of this Parts Accessory Package)
	636 244 R92	PARTS ACCESSORY, hydraulic pump system (Diesel Engine only)(required to connect to the various valve systems) (all parts listed, with the exception of 635 955 R1 - Plate and 635 705 R1 - Shaft, are components of this Parts Accessory Package)

* Not Serviced Separately
Information Not Available

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CRAWLER TRACTORS

HYDRAULIC SYSTEM

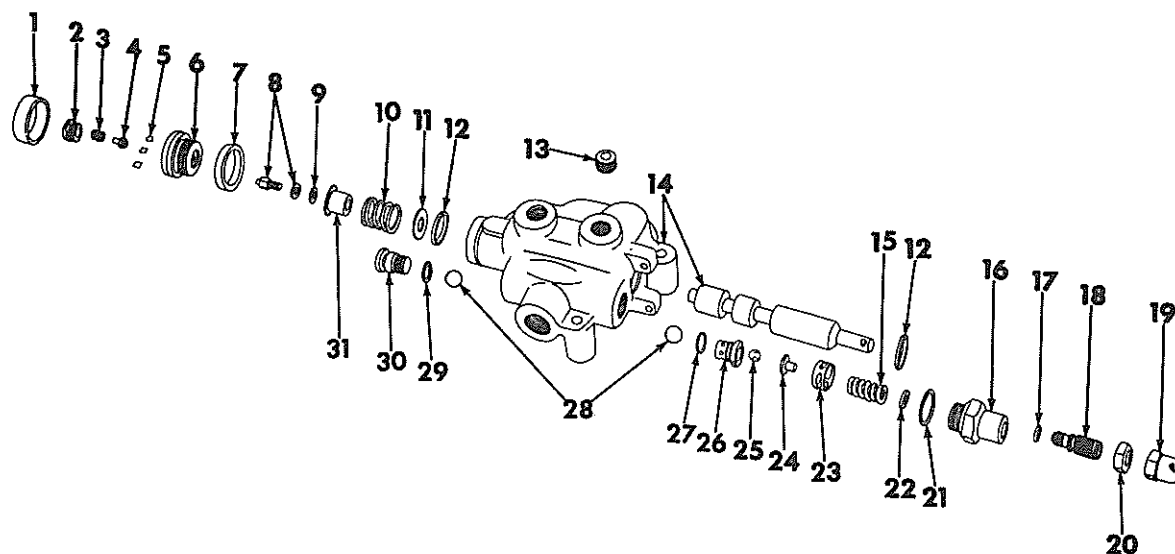


REF. NO.	PART NUMBER	DESCRIPTION
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REF. NO.	PART NUMBER	DESCRIPTION
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HYDRAULIC VALVE (One Spool - Three Way)

HYDRAULIC VALVE (One Spool - Three Way) - Cont



HB 4338

635 605 R92 VALVE, one spool three-way (composed of all parts listed below, excluding the attaching hardware)
3/8 x 2-1/2" hexagon BOLT (3)
3/8" hex. NUT (3)
3/8" lock WASHER (3)

1	663 034 R1	CAP, bonnet
2	635 780 R1	CAP, detent spring
3	635 779 R1	SPRING, detent
4	635 778 R1	HOLDER, detent
5	635 777 R1	FINGER, detent
6	635 776 R1	CAP, detent
7	635 775 R1	SPACER, detent cap
8	635 972 R1	ADAPTOR, detent 5/16" lock WASHER
9	22 910 V	WASHER, detent
10	635 772 R1	SPRING, centering
11	149 372 R1	WASHER, stop
12	663 032 R1	SEAL, spool (2)

13	444 701	PLUG, 1/2"-NF socket pipe
14		HOUSING and SPOOL, valve (*) (for service order 1 - 635 605 R92 - Valve) 3/8 x 2-1/2" hexagon BOLT (3) 3/8" hex. NUT (3) 3/8" lock WASHER (3)
15	663 028 R1	SPRING, relief valve
16	663 030 R1	BODY, relief valve
17	355 966 R1	"O" RING, adjusting screw
18	663 031 R1	SCREW, relief adjusting
19	131 663	NUT, 5/8"-NF high crown
20	124 944	NUT, relief adjusting screw
21	663 029 R1	GASKET, relief valve body
22	635 788 R1	SPACER, relief
23	635 786 R1	COLLAR, seat jam (for use on machines up to serial No. #)
24	635 785 R1	SPACER, relief valve spring
25	16 014 R1	BALL, 7/16" dia. relief valve

* Not Serviced Separately
Information Not Available

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REF. NO.	PART NUMBER	D E S C R I P T I O N
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CRAWLER TRACTORS

HYDRAULIC SYSTEM

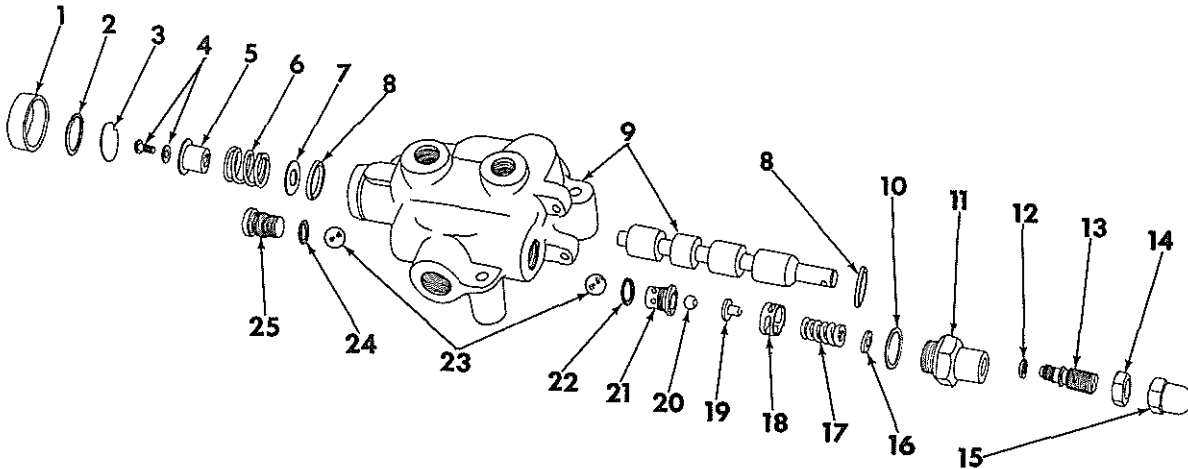


REF. NO.	PART NUMBER	DESCRIPTION
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HYDRAULIC VALVE (One Spool - Four Way)
(Tractors Prior To Serial No. 812)

REF. NO.	PART NUMBER	DESCRIPTION
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HYDRAULIC VALVE (One Spool - Four Way) - Cont
(Tractors Prior To Serial No. 812)



HA 4337

VALVE, one spool - four way (for use on tractors up to serial No. 812)(for service of complete valve order 1 - 635 867 R92 - Valve)
3/8 x 2-1/2" hexagon BOLT (3)
3/8" hex. NUT (3)
3/8" lock WASHER (3)

1	663 034 R1	CAP, bonnet
2	663 025 R1	RING, end cap snap
3	663 023 R1	CAP, end
4	120 628 174 878	1/4 x 1/2" slt-rd-hd. SCREW 1/4" internal-tooth lock WASHER
5	663 022 R1	COLLAR, stop
6	663 024 R1	SPRING, centering
7	149 372 R1	WASHER, stop
8	663 032 R1	SEAL, four-way valve spool (2)
9		HOUSING and SPOOL, valve (*) (for service order 1 - 635 867 R92 - Valve) 3/8 x 2-1/2" hexagon BOLT (3) 3/8" hex. NUT (3) 3/8" lock WASHER (3)
10	663 029 R1	GASKET, relief valve body
11	663 030 R1	BODY, relief valve
12	355 966 R1	"O" RING, adjusting screw
13	663 031 R1	SCREW, relief adjusting

14	124 944	NUT, relief adjusting screw
15	131 663	NUT, 5/8"-NF high crown
16	635 788 R1	SPACER, relief
17	663 028 R1	SPRING, relief valve
18	635 786 R1	COLLAR, seat jam
19	635 785 R1	SPACER, relief valve spring
20	16 014 R1	BALL, 7/16" dia. relief valve
21	635 784 R1	SEAT, relief valve
22	570 828 R1	"O" RING, relief valve seat
23	635 782 R1	BALL, 5/8" dia. check (2)
24	352 221 R1	"O" RING, check ball plug
25	635 783 R1	PLUG, check ball

* Not Serviced Separately

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CRAWLER TRACTORS

HYDRAULIC SYSTEM



REF. NO.	PART NUMBER	D E S C R I P T I O N
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REF. NO.	PART NUMBER	D E S C R I P T I O N
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CRAWLER TRACTORS

HYDRAULIC SYSTEM

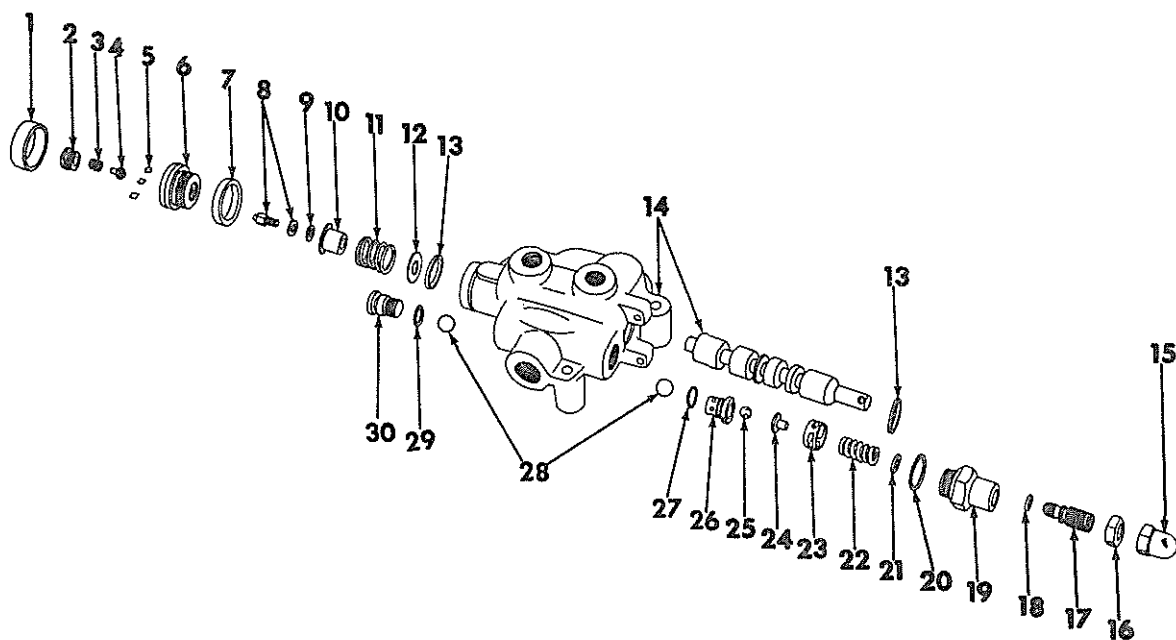


REF. NO.	PART NUMBER	DESCRIPTION
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HYDRAULIC VALVE (One Spool - Four Way)
(For Use On Machines With Serial No. 812 and up)

REF. NO.	PART NUMBER	DESCRIPTION
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HYDRAULIC VALVE (One Spool - Four Way) - Cont
(For Use On Machines With Serial No. 812 and up)



HB 4338

635 867 R92 VALVE, one spool four way less power beyond (composed of all parts listed below, excluding valve attaching hardware)
3/8 x 2-1/2" hexagon BOLT (3)
3/8" hex. NUT (3)
3/8" lock WASHER (3)

1	663 034 R1	CAP, bonnet
2	635 780 R1	CAP, detent spring
3	635 779 R1	SPRING, detent
4	635 778 R1	HOLDER, detent
5	635 777 R1	FINGER, detent
6	635 776 R1	CAP, detent
7	635 971 R1	GASKET, detent cap
8	635 965 R1	ADAPTOR, detent 5/16" lock WASHER
9	120 393	WASHER, detent
10	635 966 R1	COLLAR, spring
11	635 967 R1	SPRING, centering

12	149 372 R1	WASHER, stop
13	635 771 R1	SEAL, spool (2)
14		HOUSING and SPOOL, valve (*) (order 1 - 635 867 R92 - Valve) 3/8 x 2-1/2" hexagon BOLT (3) 3/8" hex. NUT (3) 3/8" lock WASHER (3)
15	131 663	NUT, 5/8"-NF high crown
16	124 944	NUT, relief adjusting screw
17	663 031 R1	SCREW, relief adjusting
18	355 966 R1	"O" RING, adjusting screw
19	663 030 R1	BODY, relief valve
20	663 029 R1	GASKET, relief valve body
21	635 788 R1	SPACER, relief
22	635 970 R1	SPRING, relief valve
23	635 969 R1	COLLAR, seat jam (for use on machines prior to serial No. #)

* Not Serviced Separately
Information Not Available

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REF. NO.	PART NUMBER	D E S C R I P T I O N
HYDRAULIC VALVE (One Spool - Four Way) - Cont (For Use On Machines With Serial No. 812 and up)		
24	635 785 R1	SPACER, relief valve spring
25	16 014 R1	BALL, 7/16" dia. relief valve
26	635 968 R1	SEAT, relief valve (for use on machines prior to serial No. #)
26	380 362 R1	SEAT, relief valve (for use on machines with serial No. # and up)
27	570 828 R1	"O" RING, relief valve spring
28	635 782 R1	BALL, 5/8" dia. check (2)(for use on machines prior to serial No. #)
28	666 719 R1	BALL, 5/8" dia. check (for use on machines with serial No. # and up)
29	352 221 R1	"O" RING, check ball plug
30	635 783 R1	PLUG, check ball (for use on machines prior to serial No. #)
30	666 722 R1	PLUG, check ball (for use on machines with serial No. # and up)

* Not Serviced Separately
Information Not Available

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CRAWLER TRACTORS

HYDRAULIC SYSTEM

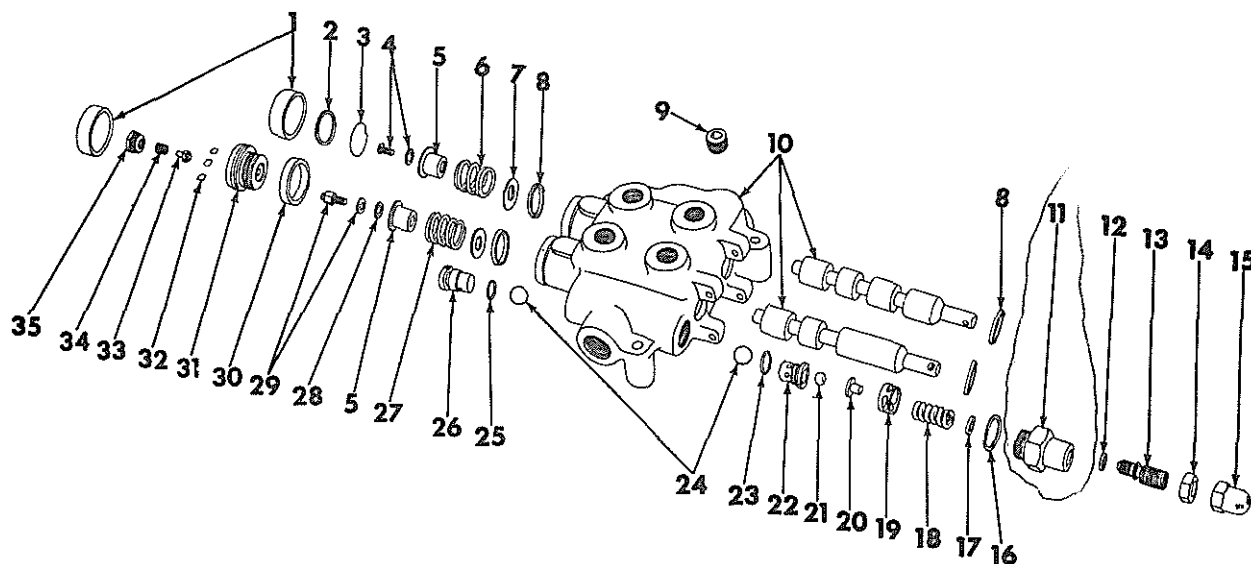


REF. NO.	PART NUMBER	DESCRIPTION
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HYDRAULIC VALVE (Two Spool 3 Way - 4 Way)
(For Use On Tractors Prior to Serial No. 812)

REF. NO.	PART NUMBER	DESCRIPTION
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HYDRAULIC VALVE (Two Spool 3 Way - 4 Way) - Cont
(For Use On Tractors Prior to Serial No. 812)



HB 4337

VALVE, two spool 3 way - 4 way (for use on tractors prior to serial No. 812)(for service of complete valve order 1 - 635 877 R92 - Valve)
3/8 x 2-1/2" hexagon BOLT (3)
3/8" hex. NUT (3)
3/8" lock WASHER (3)

1	663 034 R1	CAP, bonnet (2)
2	635 795 R1	RING, end cap snap
3	635 794 R1	CAP, end
4	120 628 174 878	1/4" x 1/2" slt-rd-hd. SCREW 1/4" internal-tooth lock WASHER
5	663 022 R1	COLLAR, stop (2)
6	635 793 R1	SPRING, centering
7	149 372 R1	WASHER, stop (2)
8	663 032 R1	SEAL, four-way valve spool (4)
9	444 701	1/2"-NF socket pipe PLUG
10		HOUSING and SPOOL, valve (*) (for service order 1 - 635 877 R92 - Valve) 3/8 x 2-1/2" hexagon BOLT (3) 3/8" hex. NUT (3) 3/8" lock WASHER (3)

11	663 030 R1	BODY, relief valve
12	355 966 R1	"O" RING, adjusting screw
13	663 031 R1	SCREW, relief adjusting
14	124 944	NUT, relief adjusting screw
15	131 633	NUT, 5/8"-NF high crown
16	663 029 R1	GASKET, relief valve body
17	635 788 R1	SPACER, relief
18	663 028 R1	SPRING, relief valve
19	635 786 R1	COLLAR, seat jam
20	635 785 R1	SPACER, relief valve spring
21	16 014 R1	BALL, 7/16" dia. relief valve
22	635 968 R1	SEAT, relief valve
23	570 828 R1	"O" RING, relief valve seat
24	635 782 R1	BALL, 5/8" dia. check (2)
25	352 221 R1	"O" RING, check ball plug

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CRAWLER TRACTORS

HYDRAULIC SYSTEM



REF. NO.	PART NUMBER	D E S C R I P T I O N
HYDRAULIC VALVE (Two Spool 3 Way - 4 Way) - Cont		
26	635 783 R1	PLUG, check ball
27	635 772 R1	SPRING, centering
28	22 910 V	WASHER, detent
29	635 774 R1	ADAPTOR, detent 5/16" lock WASHER
30	635 775 R1	SPACER, detent cap
31	635 776 R1	CAP, detent
32	635 777 R1	FINGER, detent
33	635 778 R1	HOLDER, detent
34	635 779 R1	SPRING, detent
35	635 780 R1	CAP, detent spring

REF. NO.	PART NUMBER	D E S C R I P T I O N
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CRAWLER TRACTORS

HYDRAULIC SYSTEM

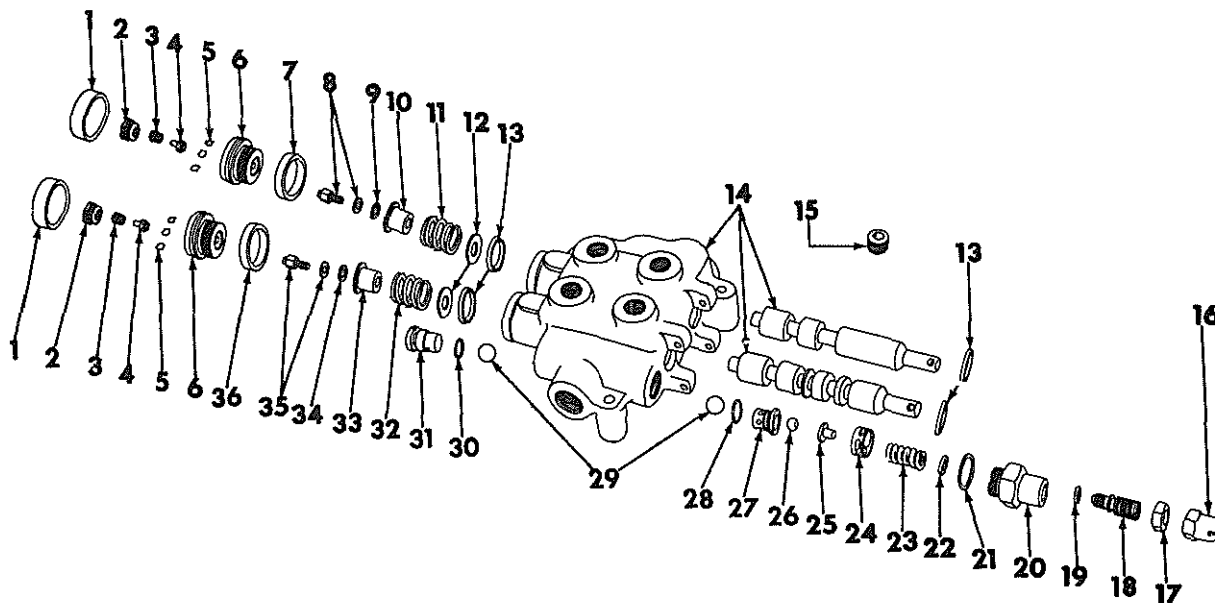


REF. NO.	PART NUMBER	DESCRIPTION
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HYDRAULIC VALVE (Two Spool 4 Way - 3 Way)
(For Tractors With Serial No. 812 and up)

REF. NO.	PART NUMBER	DESCRIPTION
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HYDRAULIC VALVE (Two Spool 4 Way - 3 Way) - Cont
(For Tractors With Serial No. 812 and up)



HB 4337

635 877 R92 VALVE, two spool 4 way - 3 way (composed of all parts listed below, excluding the attaching hardware)
3/8 x 2-1/2" hexagon BOLT (3)
3/8" hex. NUT (3)
3/8" lock WASHER (3)

1	663 034 R1	CAP, bonnet (2)
2	635 780 R1	CAP, detent spring (2)
3	635 779 R1	SPRING, detent (2)
4	635 778 R1	HOLDER, detent (2)
5	635 777 R1	FINGER, detent (2)
6	635 776 R1	CAP, detent (2)
7	635 775 R1	SPACER, detent cap
8	635 972 R1	ADAPTOR, detent 5/16" lock WASHER
9	22 910 V	WASHER, detent
10	663 022 R1	COLLAR, stop
11	635 772 R1	SPRING, centering
12	149 372 R1	WASHER, stop (2)

13	663 032 R1	SEAL, spool (4)
14		HOUSING and SPOOL, valve (*) (for service order 1 - 635 777 R92 - Valve) 3/8 x 2-1/2" hexagon BOLT (3) 3/8" hex. NUT (3) 3/8" lock WASHER (3)
15	444 701	PLUG, 1/2"-NF hex. socket hd. pipe
16	131 663	NUT, 5/8"-NF high crown
17	124 944	NUT, relief adjusting screw
18	663 031 R1	SCREW, relief adjusting
19	355 966 R1	"O" RING, adjusting screw
20	663 030 R1	BODY, relief valve
21	663 029 R1	GASKET, relief valve body
22	635 788 R1	SPACER, relief
23	635 970 R1	SPRING, relief valve
24	635 969 R1	COLLAR, seat jam (for use on machines prior to serial No. #)
25	635 785 R1	SPACER, spring

* Not Serviced Separately

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REF. NO.	PART NUMBER	DESCRIPTION
HYDRAULIC VALVE (Two Spool 4 Way - 3 Way) - Cont (For Tractors With Serial No. 812 and up)		
26	16 014 R1	BALL, 7/16" dia. relief valve
27	635 968 R1	SEAT, relief valve (for use on machines prior to serial No. #)
27	380 362 R1	SEAT, relief valve (for use on machines with serial No. # and up)
28	570 828 R1	"O" RING, relief valve seat
29	635 782 R1	BALL, 5/8" dia. check (2)(for use on machines prior to serial No. #)
29	666 719 R1	BALL, 5/8" dia. check (2)(for use on machines with serial No. # and up)
30	352 221 R1	"O" RING, check ball plug
31	635 783 R1	PLUG, check ball (for use on machines prior to serial No. #)
31	666 722 R1	PLUG, check ball (for use on machines with serial No. # and up)
32	635 967 R1	SPRING, centering
33	635 966 R1	COLLAR, spring
34	120 393	WASHER, float assembly
35	635 965 R1	ADAPTOR, detent 5/16" lock WASHER
36	635 971 R1	GASKET, detent cap



CRAWLER TRACTORS

HYDRAULIC SYSTEM

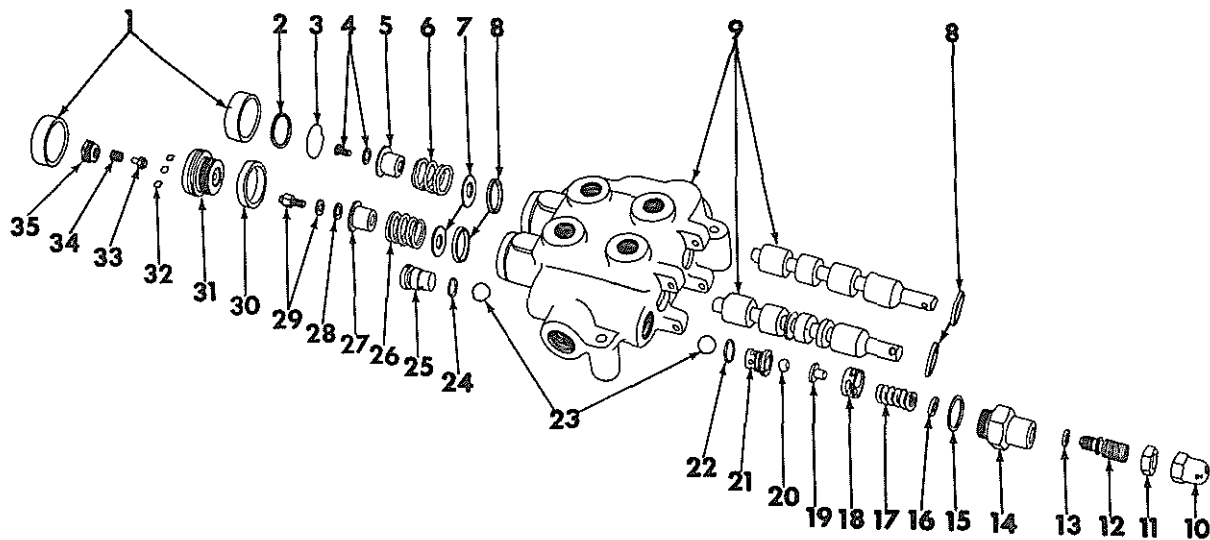


REF. NO.	PART NUMBER	DESCRIPTION
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REF. NO.	PART NUMBER	DESCRIPTION
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HYDRAULIC VALVE (Two Spool 4 Way - 4 Way)

HYDRAULIC VALVE (Two Spool 4 Way - 4 Way) - Cont



HB 4338

635 878 R92 VALVE, two spool 4 way - 4 way (composed of all parts listed below, excluding valve attaching hardware)
3/8 x 2-1/2" hexagon BOLT (3)
3/8" hex. NUT (3)
3/8" lock WASHER (3)

1	663 034 R1	CAP, bonnet (2)
2	663 025 R1	SNAP RING, end cap
3	663 023 R1	CAP, end
4	120 628 174 878	1/4 x 1/2" slt-rd-hd. SCREW 1/4" internal-tooth lock WASHER
5	663 022 R1	COLLAR, stop
6	663 024 R1	SPRING, centering
7	149 372 R1	WASHER, stop (2)
8	663 032 R1	SEAL, stop (4)
9		HOUSING and SPOOL, valve (*) (order 1 - 635 878 R91 - Valve) 3/8 x 2-1/2" hexagon BOLT (3) 3/8" hex. NUT (3) 3/8" lock WASHER (3)
10	131 663	NUT, 5/8"-NF high crown
11	124 944	NUT, relief adjusting screw
12	663 031 R1	SCREW, relief adjusting

13	355 966 R1	"O" RING, adjusting screw
14	663 030 R1	BODY, relief valve
15	663 029 R1	GASKET, relief valve body
16	635 788 R1	SPACER, relief valve
17	635 970 R1	SPRING, relief valve
18	635 969 R1	COLLAR, seat jam (for use on machines prior to serial No. #)
19	635 785 R1	SPACER, spring
20	16 014 R1	BALL, 7/16" dia. relief valve
21	635 968 R1	SEAT, relief valve (for use on machines prior to serial No. #)
21	380 362 R1	SEAT, relief valve (for use on machines with serial No. # and up)
22	570 828 R1	"O" RING, relief valve seat
23	635 782 R1	BALL, 5/8" dia. check (2) (for use on machines prior to serial No. #)
23	666 719 R1	BALL, 5/8" dia. check (2) (for use on machines with serial No. # and up)
24	352 221 R1	"O" RING, check ball plug

* Not Serviced Separately
Information Not Available

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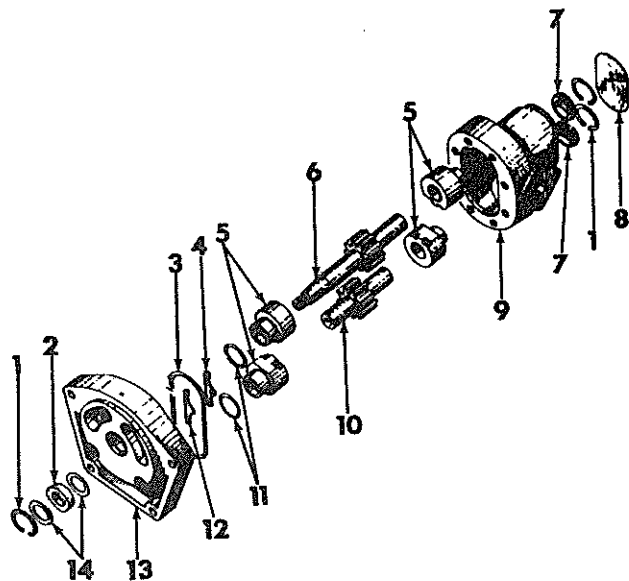
CRAWLER TRACTORS

HYDRAULIC SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
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HYDRAULIC PUMP - (7 G. P. M.)(Pleassey)
(Timing Gear Driven)(For Use On Tractors Prior To Serial
No. #)



T 17-92

use # 3072694R91

704 330 R91 PUMP, hydraulic (Pleassey)
(composed of all parts listed below
excluding the attaching hardware)
5/16" x 2-1/2" hexagon BOLT (3)
5/16" hex. NUT (3)
5/16" lock WASHER (3)

1	706 066 R1	CIRCLIP, gear shaft
2	706 051 R91	OIL SEAL, drive gear
3	706 055 R1	"O" RING, pump body
4	706 060 R1	PLATE, pressure relief (use as required)
4	706 061 R1	PLATE, pressure relief (use as required)
4	706 062 R1	PLATE, pressure relief (use as required)
4	706 063 R1	PLATE, pressure relief (use as required)
5	706 057 R91 706 065 R1	BEARING, gear Gear bearing SPRING
6	706 058 R1 706 067 R1 706 069 R1 706 068 R1	GEAR, drive Woodruff KEY Lock WASHER Lock NUT
7	706 049 R1	PLUG, sealing (for service also supply 1 - 706 054 R1 - "O" Ring)

REF. NO.	PART NUMBER	DESCRIPTION
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HYDRAULIC PUMP - (7 G. P. M.)(Pleassey) - Cont
(Timing Gear Driven)(For Use On Tractors Prior To Serial
No. #)

8	706 073 R1 706 076 R1	PLATE, name Self-tapping SCREW (2)
9	706 047 R1 706 070 R1 706 071 R1 706 074 R1 706 075 R1 706 053 R1 706 072 R1	BODY, hydraulic pump Port adaptor outlet "O" RING Port adaptor inlet "O" RING 1/4" BSF pressure manifold Allen SCREW (2) 5/16" BSF suction manifold Allen SCREW (2) Spring WASHER (2) Spring WASHER (2)
10	706 059 R1	GEAR, driven
11	706 054 R1	"O" RING, gear bearing
12	706 056 R1	"O" RING, pressure relief plate
13	706 048 R91 706 052 R1 706 054 R1 706 053 R1	COVER, hydraulic pump 5/16" SCREW (6) 5/16" special SCREW (2) Spring WASHER (8)
14	706 050 R1	WASHER, oil seal



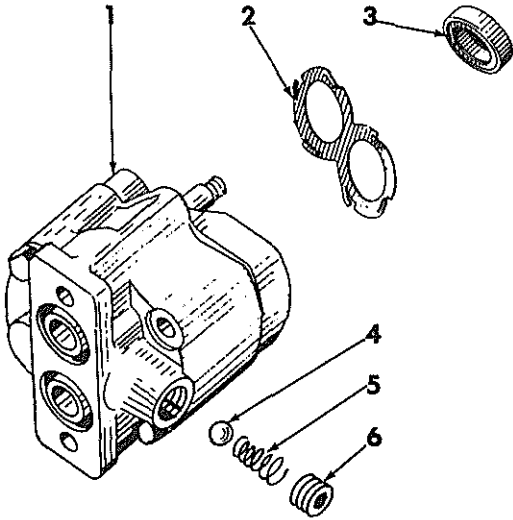
CRAWLER TRACTORS

HYDRAULIC SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
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HYDRAULIC PUMP - (9 G. P. M.)(Pesco)
(Timing Gear Driven)



A 49522

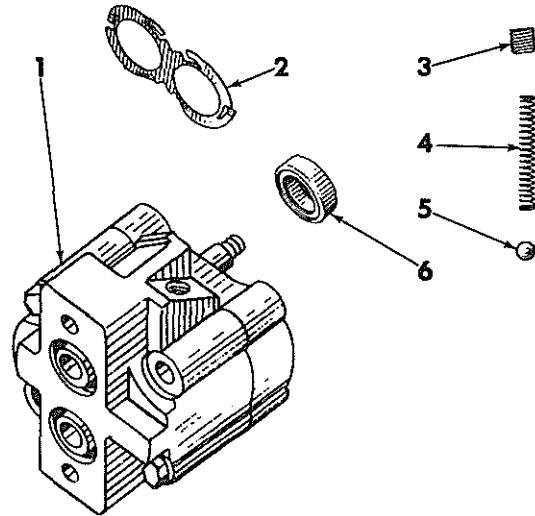
368 894 R92 PUMP, hydraulic (Pesco)(optional w/368 633 R91 - Pump)(composed of all parts listed below, excluding attaching hardware)
3/8 x 3-1/2" hexagon BOLT (2)
3/8" lock WASHER (2)

1	BODY, hydraulic pump (*) (order 368 894 R92 or 368 633 R91 - Pump)
2	361 625 R1 GASKET, bearing cover
3	353 183 R91 OIL SEAL, pump shaft
4	16 010 R1 BALL, 5/16" dia. chrome steel check
5	369 784 R1 SPRING, check ball
6	444 691 PLUG, check ball

369 783 R91 PACKAGE, gasket service (Pesco)
composed of:
1 Gasket 350 708 R1
1 Oil Seal 353 183 R91
2 Ring 355 965 R1
* 1 Ring
* 2 Ring
* 2 Washer

REF. NO.	PART NUMBER	DESCRIPTION
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HYDRAULIC PUMP - (9 G. P. M.)(Thompson)
(Timing Gear Driven)



A 49522

368 633 R91 PUMP, hydraulic (Thompson)(optional w/368 894 R92 - Pump)(composed of all parts listed below, excluding attaching hardware)
3/8 x 3-1/2" hexagon BOLT (2)
3/8" lock WASHER (2)

1	BODY, hydraulic pump (*) (order 368 633 R91 or 368 894 R92 - Pump)
2	361 629 R1 SPRING, pressure plate
3	362 336 R1 PLUG, check ball
4	362 335 R1 SPRING, check ball
5	16 011 R1 BALL, 11/32" dia. chrome steel check
6	353 183 R91 OIL SEAL, pump shaft

368 634 R91 PACKAGE, gasket service (Thompson)
composed of:
1 Gasket 350 708 R1
1 Oil Seal 353 183 R91
2 Ring 355 965 R1
* 2 Ring
* 2 Ring
* 2 Washer



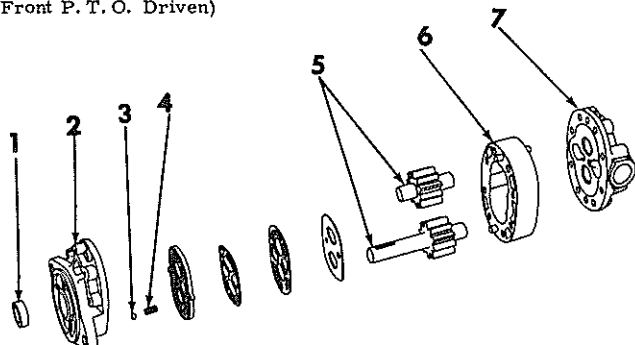
CRAWLER TRACTORS

HYDRAULIC SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
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HYDRAULIC PUMP - 12 G. P. M.
(Front P. T. O. Driven)



HA 4719

	635 868 R91	PUMP, hydraulic (Cessna)(Composed of parts listed below, excluding pump attaching hardware) 7/16 x 1-1/2" hexagon BOLT (2) 7/16" hex. NUT (2) 7/16" lock WASHER (2)
1	636 628 R91	OIL SEAL, pump shaft
2	636 014 R91 636 020 R1	COVER, pump front 5/16 x 3" special SCREW (2) 5/16 x 2-3/4" hexagon BOLT (4) 5/16 x 3" hexagon BOLT (2)
3	16 007 R1	BALL, 7/32" dia. chrome check (2)
4	371 523 R1	SPRING, check ball (2)
5	636 018 R91 636 489 R1	PACKAGE, gear service (Includes 2 gears) 3/16 x 3/16 x 13/16" straight KEY
6	636 019 R91	BODY w/DOWELS, pump
7	636 049 R91 636 020 R1	PLATE, pump back 5/16 x 3" special SCREW (2) 5/16 x 2-3/4" hexagon BOLT (4) 5/16 x 3" hexagon BOLT (2)
	636 015 R91	PACKAGE, gasket service composed of: * 1 Diaphragm * 1 Gasket * 1 Gasket 1 Oil Seal * 1 Seal
		636 628 R91

REF. NO.	PART NUMBER	DESCRIPTION
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* Not Serviced Separately

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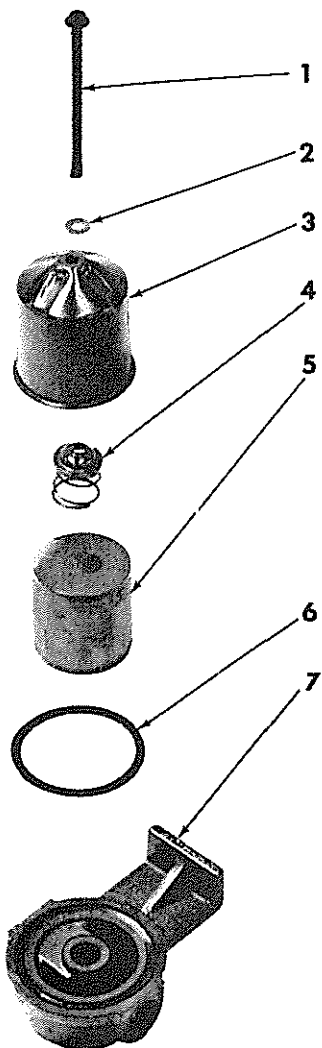
CRAWLER TRACTORS

HYDRAULIC SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION
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HYDRAULIC OIL FILTER



H 4358

- 635 585 R92 FILTER ASSEMBLY, hydraulic oil composed of:
- | | |
|-------------------------------------|-------------|
| 1 Bolt | 635 701 R1 |
| 1 Case | 635 586 R1 |
| 1 Cup | 635 588 R91 |
| 1 Element | 635 700 R1 |
| 1 Gasket | 635 589 R1 |
| 1 Gasket | 635 491 R1 |
| 1 Support | 635 699 R1 |
| 3/8 x 1-1/8" hexagon BOLT (2) | |
| 3/8" hex. NUT (2) | |
| 13/32 x 13/16 x 15 gauge WASHER (2) | |
| 3/8" lock WASHER (2) | |

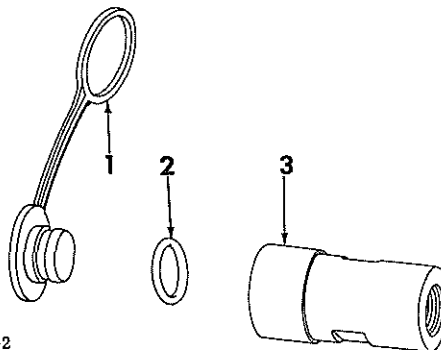
- | | | |
|---|------------|---|
| 1 | 635 590 R1 | BOLT, oil filter cup (for use on tractors prior to serial No. 850) |
| 1 | 635 701 R1 | BOLT, oil filter cup (for use on tractors with serial No. 850 and up) |
| 2 | 635 591 R1 | GASKET, oil filter bolt |

REF. NO.	PART NUMBER	DESCRIPTION
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HYDRAULIC OIL FILTER - Cont

- | | | |
|---|-------------|---|
| 3 | 635 586 R1 | CASE, hydraulic oil filter |
| 4 | 635 588 R91 | CUP, oil filter spring |
| 5 | | ELEMENT, hydraulic oil filter (on tractors prior to serial No. 850 order 1 - 635 700 R1, Element and 1 - 635 749 R1, Adaptor) |
| 5 | 635 700 R1 | ELEMENT, hydraulic oil filter (for use on tractors with serial No. 850 and up) |
| 6 | 635 589 R1 | GASKET, oil filter case |
| 7 | | SUPPORT, oil filter (on tractors prior to serial No. 850, order 1 - 635 585 R92, Filter)
3/8 x 1-1/8" hexagon BOLT (2)
3/8" hex. NUT (2)
13/32 x 13/16 x 15 gauge WASHER (2)
3/8" lock WASHER (2) |
| 7 | 635 699 R1 | SUPPORT, oil filter (for use on tractors with serial No. 850 and up)
3/8 x 1-1/8" hexagon BOLT (2)
3/8" hex. NUT (2)
13/32 x 13/16 x 15 gauge WASHER (2)
3/8" lock WASHER (2) |
| | 635 749 R1 | ADAPTOR, oil filter support (for use on tractors prior to serial No. 850) (not illustrated) |

SELF-SEALING COUPLING (For Use With Remote Control Cylinder)



H 4992

- | | | |
|---|-------------|--|
| 1 | 373 220 R1 | CAP, coupling dust |
| 2 | 254 691 R1 | "O" RING, self-sealing coupling |
| 3 | 374 783 R91 | COUPLING, self-sealing (Includes "O" RING, 254 691 R1) |

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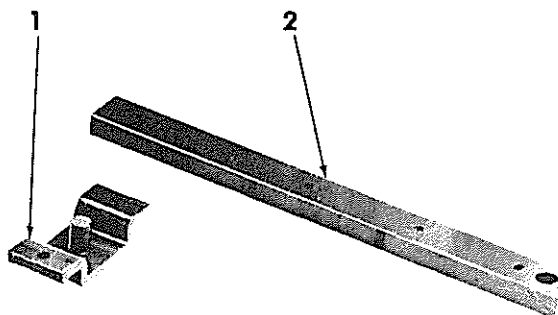
CRAWLER TRACTORS

DRAWBAR AND HITCHES



REF. NO.	PART NUMBER	DESCRIPTION
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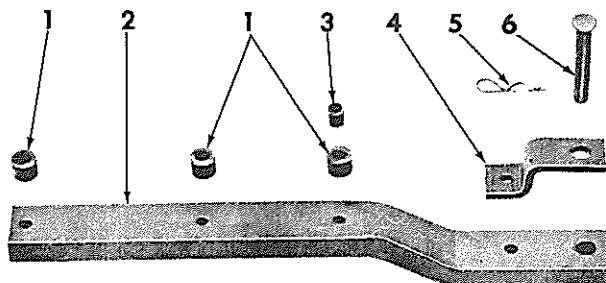
DRAWBAR



H 4334

- | | | |
|---|-------------|--|
| 1 | 635 275 R11 | BRACKET, drawbar pivot
5/8 x 1-1/2" hex. BOLT (2)
5/8" lock WASHER (2) |
| 2 | 635 271 R1 | DRAWBAR (tractors prior to serial No. 2178) |
| 2 | 636 033 R1 | DRAWBAR (tractors with serial No. 2178 and up) |

DRAWBAR EXTENSION



H 5755

REF. NO.	PART NUMBER	DESCRIPTION
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DRAWBAR EXTENSION - Cont

- | | | |
|-------------|---|---|
| 1 | 635 279 R2 | SPACER, drawbar extension |
| 2 | 635 278 R1 | EXTENSION, drawbar (tractors with 1000 r.p.m. P.T.O. prior to serial No. 2178)
5/8 x 3/4" mach. BOLT (3)
5/8" lock WASHER (3) |
| 2 | 636 032 R1 | EXTENSION, drawbar (tractors with 1000 r.p.m. P.T.O. with serial No. 2178 and up)
5/8 x 4" hex. BOLT (2)
5/8 x 5" hex. BOLT
5/8" hex. NUT
21/32 x 1-1/2 x 11 gauge WASHER
5/8" lock WASHER (3) |
| 2 | 636 037 R1 | EXTENSION, drawbar (tractors with 540 r.p.m. P.T.O.)
5/8 x 4" hex. BOLT (2)
5/8 x 5" hex. BOLT
5/8" hex. NUT
21/32 x 1-1/2 x 11 gauge WASHER
5/8" lock WASHER (3) |
| 3 | 636 045 R1 | BUSHING, extension mounting (tractors with serial No. 2178 and up) |
| 4 | 636 159 R1 | HAMMERSTRAP, drawbar extension
5/8 x 2-3/4" hex. BOLT
5/8" hex. NUT
5/8" lock WASHER |
| 5 | 591 107 R1 | PIN, 5/32" quick-attachable |
| 6 | 636 167 R1 | PIN, 1 x 5-5/8" std.-hd. dld. |
| 636 177 R91 | PARTS ACCESSORY, drawbar extension (tractors with 1000 r.p.m. P.T.O.)
composed of: | |
| | 1 Bolt | 271 565 |
| | 2 Bolt | 271 570 |
| | 1 Bolt | 271 574 |
| | 1 Bushing | 636 045 R1 |
| | 1 Extension | 636 032 R1 |
| | 1 Hammerstrap | 636 159 R1 |
| | 4 Lockwasher | 103 325 |
| | 2 Nut | 102 639 |
| | 1 Pin | 636 167 R1 |
| | 1 Q. A. Cotter | 591 107 R1 |
| | 3 Spacer | 635 279 R2 |
| | 1 Washer | 575 810 R1 |

- | | | |
|-------------|--|------------|
| 636 178 R91 | PARTS ACCESSORY, drawbar extension (tractors with 540 r.p.m. P.T.O.)
composed of: | |
| | 1 Bolt | 271 565 |
| | 2 Bolt | 271 570 |
| | 1 Bolt | 271 574 |
| | 1 Bushing | 636 045 R1 |
| | 1 Extension | 636 037 R1 |
| | 1 Hammerstrap | 636 159 R1 |
| | 4 Lockwasher | 103 325 |
| | 2 Nut | 102 639 |
| | 1 Pin | 636 167 R1 |
| | 1 Q. A. Cotter | 591 107 R1 |
| | 3 Spacer | 635 279 R2 |
| | 1 Washer | 575 810 R1 |

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CRAWLER TRACTORS

DRAWBARS AND HITCHES

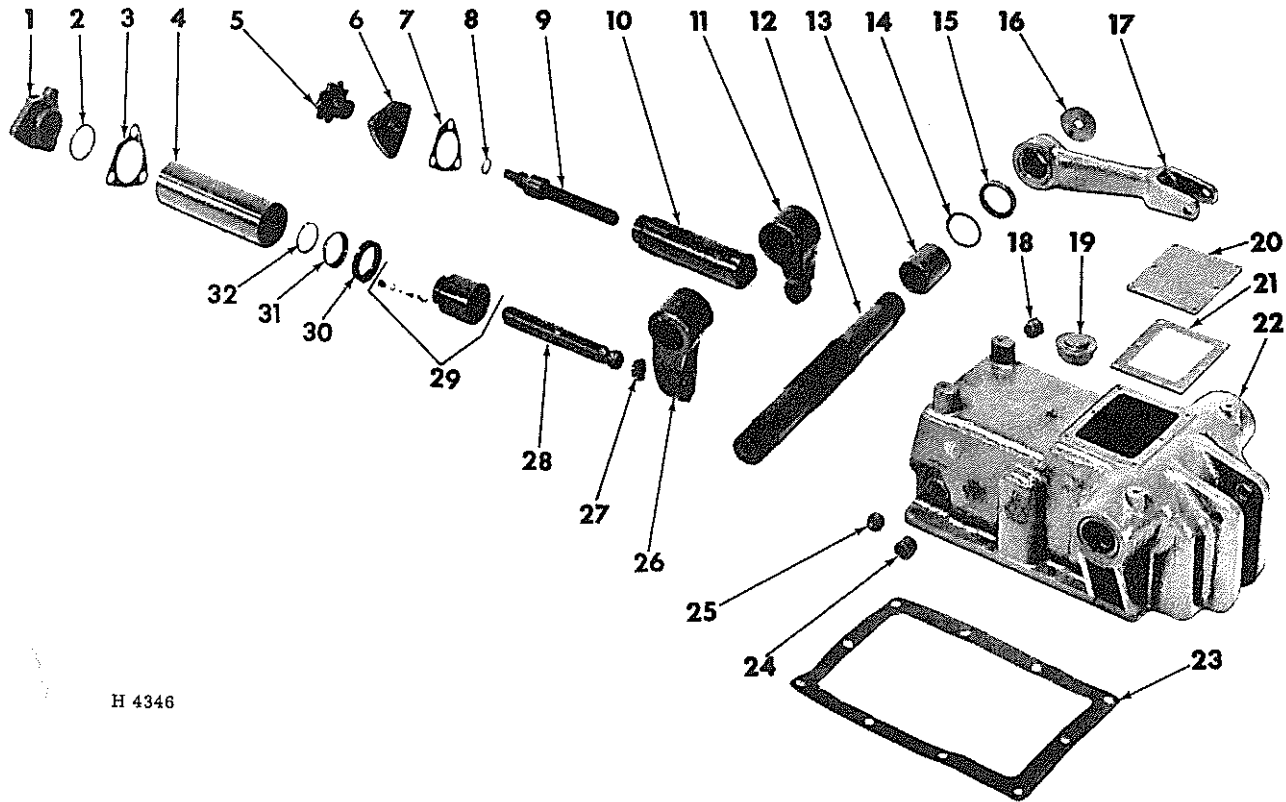


REF. NO.	PART NUMBER	DESCRIPTION
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REF. NO.	PART NUMBER	DESCRIPTION
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THREE POINT LIFT HOUSING

THREE POINT LIFT HOUSING - Cont



H 4346

1	635 431 R1	CAP, housing cylinder 5/8 x 1-3/4" hex. BOLT (3) 5/8" lock WASHER (3)
2	352 313 R1	"O" RING, cylinder cap
3	635 445 R1	GASKET, cylinder cap
4	704 340 R2	CYLINDER, lift housing
5	704 379 R1	WHEEL, depth control hand 3/16 x 1-1/8" groove PIN
6	635 432 R1	SUPPORT, depth control
7	635 554 R1	GASKET, depth control support
8	704 378 R1	RING, depth control sealing
9	707 889 R1	SCREW, depth control
10	704 370 R21	SPRING, depth control
11	635 435 R1	CAM, depth control
12	635 436 R2	ROCKSHAFT, hydraulic lift
13	704 356 R1	BUSHING, rockshaft (2)

14	704 360 R1	WASHER, lift rockshaft (2)
15	706 095 R92	OIL SEAL, rockshaft (2)
16	707 754 R1	PLATE, arm retaining (2) 1/2 x 1-1/2" hex. BOLT (2) 1/2" lock WASHER (2)
17	704 361 R4 3044 309 R1	ARM, lift (2) Special headed PIN (2) 11/32 x 3/4 x 16 gauge WASHER (2) 1/8 x 3/4" cotter PIN (2)
18	144 034	BUSHING, 3/4 x 1/2" reducer
19	364 679 R91	BREATHER, reservoir
20	635 443 R1	COVER, housing 1/4 x 1/2" hex. BOLT (6) 1/4" lock WASHER (6)
21	635 444 R1	GASKET, housing cover
22	635 430 R12 636 492 R1	HOUSING, lift (Includes BUSHINGS, 635 061 R1 and 144 034; PLUG, 103 869) 7/16 x 2" STUD (5) 7/16 x 1-3/8" hex. BOLT (4) 7/16" lock WASHER (9)
23	635 055 R1	GASKET, housing

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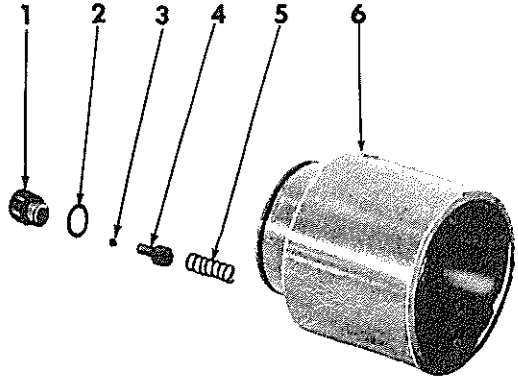


CRAWLER TRACTORS

DRAWBARS AND HITCHES



REF. NO.	PART NUMBER	DESCRIPTION
THREE POINT LIFT HOUSING - Cont		
24	635 061 R1	BUSHING, lift housing (2)
25	103 869	PLUG, 3/4" sq-hd. pipe
26	704 358 R3	ARM, cylinder rocker 5/8-NF x 1" hex. BOLT 5/16 x 2-13/16" std-hd. dld. PIN 11/32 x 3/4 x 16 gauge WASHER 1/8 x 3/4" cotter PIN
27	705 206 R1	BUSHING, cylinder connecting rod
28	704 363 R1	ROD, cylinder connecting 5/16 x 2-13/16" std-hd. dld. PIN 1/8 x 3/4" cotter PIN
29	707 744 R92	PISTON, cylinder (Refer to "HYDRAULIC LIFT CYLINDER PISTON")
30	704 367 R1	OIL SEAL, cylinder piston
31	704 368 R1	RETAINER, piston oil seal
32	704 369 R1	CIRCLIP, piston oil seal

REF. NO.	PART NUMBER	DESCRIPTION
HYDRAULIC LIFT CYLINDER PISTON		
		
H 4346		
	707 744 R92	PISTON, hydraulic lift cylinder (composed of all parts listed below)
1	707 745 R1	PLUG, piston relief valve
2	707 747 R1	"O" RING, relief valve
3	16 003 R1	BALL, 3/32" dia. valve
4	707 746 R2	RIDER, piston ball
5	57 561 D	SPRING, relief valve
6	704 366 R2	PISTON, cylinder

* Not Serviced Separately

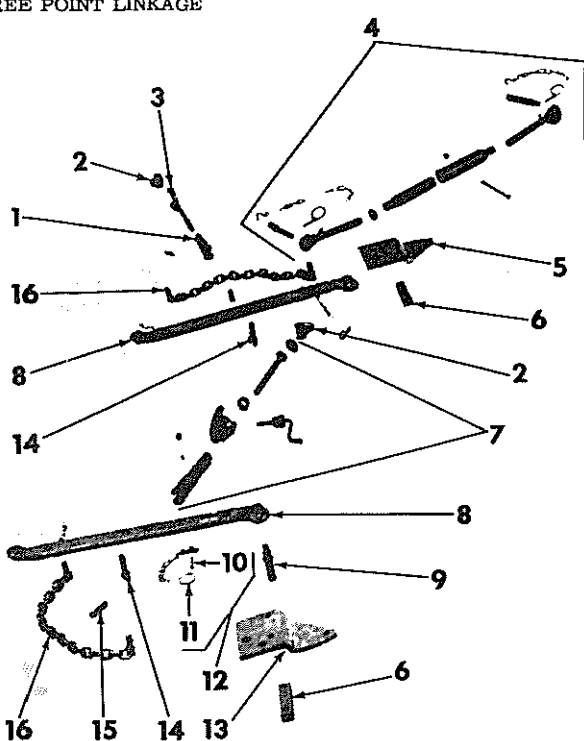
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CRAWLER TRACTORS

DRAWBARS AND HITCHES



REF. NO.	PART NUMBER	DESCRIPTION
THREE POINT LINKAGE		
		
1	704 542 R5 138 322 H 3044 310 R1	ROD, lower half lift 1/8" straight lube FITTING Special headed PIN 1/4 x 1-1/2" cotter PIN
2	635 433 R2 3044 309 R1 720 631 R1	SWIVEL, lift rod (2) Special headed PIN (4) Quick-attachable PIN (2) 3/16 x 1" cotter PIN (2)
3	635 437 R2 3044 309 R1	ROD, upper half lift Special headed PIN 3/16 x 1" cotter PIN
4	704 176 R91	LINK, telescoping (Refer to "TELESCOPING TOP LINK")
5	635 510 R2	PLATE, check chain right (not Low Profile) 1/2 x 1-3/8" hex. BOLT 1/2 x 5-1/4" hex. BOLT (2) 1/2" hex. NUT (2) 1/2" lock WASHER (3)
6	635 511 R2	SPACER, check plate (2)(not Low Profile)
7	635 448 R92	ROD, levelling left (Refer to "LEVELLING LIFT ROD")
8		LINK, lower (2)(prior to serial No. # , order 1-636 710 R91, Link; 1-704 212 R91, Cotter and 1-707 071 R12, Holder)
8	636 710 R91	LINK, lower (2)(tractors with serial No. # and up)(Includes COTTER, 704 212 R91 and HOLDER, 707 071 R12)

REF. NO.	PART NUMBER	DESCRIPTION
THREE POINT LINKAGE - Cont		
9		PIN, lower link pivot (2)(prior to serial No. 3184, order 1-636 499 R1, PIN and 1-218 443, NUT) Special pivot pin WASHER 3/4" lock WASHER
9	636 160 R1	
9	636 499 R1	PIN, lower link pivot (2)(serial No. 3184 and up) 3/4" hex. jam NUT (2)
10	700 531 R1	COTTER, implement (2)
11	704 187 R1	RING, implement cotter (2)
12	704 212 R91	COTTER, implement (2)(Includes COTTER, 700 531 R1 and RING, 704 187 R1)
13	635 509 R2	PLATE, check chain left (not Low Profile) 1/2 x 1-3/8" hex. BOLT 1/2 x 5-1/4" hex. BOLT (2) 1/2" hex. NUT (2) 1/2" lock WASHER (3)
14	707 071 R12	HOLDER, linch pin (2)
15	2 427	SPRING, check chain (2)(not Low Profile)
16		CHAIN, check (2)(38" gauge)(prior to serial No. # order 1-636 645 R91, CHECK CHAIN SERVICE PACKAGE)
16	636 633 R91	CHAIN, check (2)(38" gauge)(with serial No. # and up) 3/4" hex. slt. NUT (4) 25/32 x 1-1/2 x 7 gauge WASHER (4) 7/16 x 1-1/2" cotter PIN (4)
16	427 637	
16		CHAIN, check (2)(48" gauge)(prior to serial No. # order 1-636 646 R91, CHECK CHAIN SERVICE PACKAGE)
16	636 634 R91	CHAIN, check (2)(48" gauge)(with serial No. # and up) 3/4" hex. slt. NUT (4) 25/32 x 1-1/2 x 7 gauge WASHER (4) 29/32 x 1-1/4 x 11 gauge WASHER (2) 7/16 x 1-1/2" cotter PIN (4)
16	427 637	
16		CHAIN, check (2)(68" gauge)(prior to serial No. # order 1-636 647 R91, CHECK CHAIN SERVICE PACKAGE)
16	636 635 R91	CHAIN, check (2)(68" gauge)(with serial No. # and up) 3/4" hex. slt. NUT (4) 25/32 x 1-1/2 x 7 gauge WASHER (4) 29/32 x 1-1/4 x 11 gauge WASHER (2) 7/16 x 1-1/2" cotter PIN (4)
16	427 637	
16	636 645 R91	PACKAGE, 38" gauge check chain service (prior to serial No. #)(Includes CHAINS, 636 633 R91; NUTS, 427 637; PINS, 143 222 and WASHERS, 234 715)
16	636 646 R91	PACKAGE, 48" gauge check chain service (prior to serial No. #)(Includes CHAINS, 636 634 R91; NUTS, 427 637; PINS, 143 222 and WASHERS, 234 715 and 557 270 R1)

* Not Serviced Separately
Information Not Available

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CRAWLER TRACTORS

DRAWBAR AND HITCHES

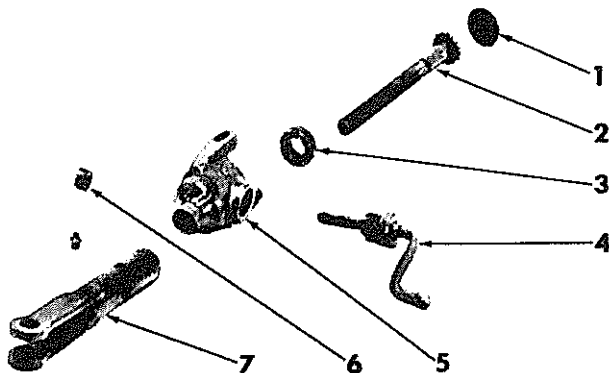


REF. NO.	PART NUMBER	DESCRIPTION
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THREE POINT LINKAGE - Cont

636 647 R91 PACKAGE, 68" gauge check chain service (prior to serial No. #) (Includes CHAINS, 636 635 R91; NUTS, 427 637; PINS, 143 222 and WASHERS, 23 471 S and 557 270 R1)

LEVELLING LIFT ROD

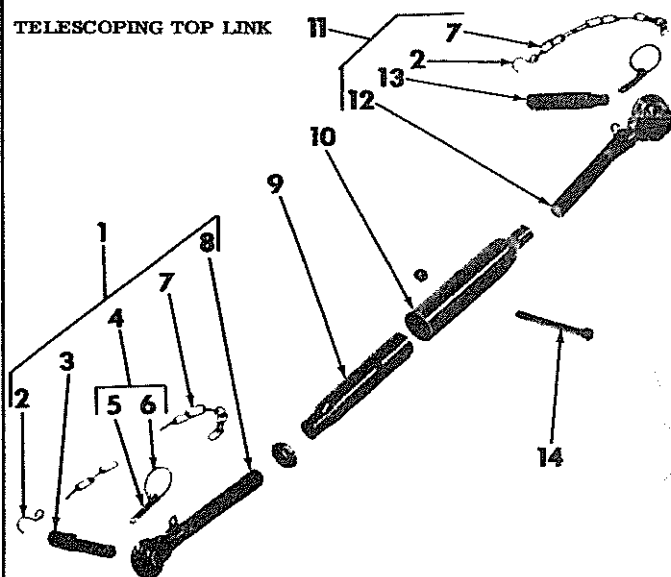


635 448 R92 ROD, levelling lift (composed of all parts listed below)

1	172 578	PLUG, 1-3/4" levelling box expansion
2	635 438 R1	ROD, levelling
3	704 197 R91	BEARING, levelling box thrust
4	704 200 R32 704 203 R1 142 507	CRANK, levelling control Control crank COLLAR 3/16 x 7/8" groove PIN
5	704 195 R4 138 322 H	BOX, levelling 1/8" straight lube FITTING
6	704 203 R1	COLLAR, control crank 3/16 x 7/8" groove PIN
7	635 434 R2 138 322 H	NUT, levelling rod 1/8" straight lube FITTING

REF. NO.	PART NUMBER	DESCRIPTION
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TELESCOPING TOP LINK



704 176 R94 LINK, telescoping (composed of all parts listed below)

1	709 307 R91	EYEBOLT, top link composed of: 1 Eyebolt 704 178 R21 1 Pin 704 183 R1 1 Chain 704 184 R93 1 Hook 704 185 R1 1 Cotter 704 212 R91 1 Nut 218 445
2	704 185 R1	HOOK, top link pin (2)
3	704 183 R1	PIN, top link bottom
4	704 212 R91	COTTER, implement (2) (Includes COTTER, 700 531 R1 and RING, 704 187 R1)
5	700 531 R1	PIN, implement cotter (2)
6	704 187 R1	RING, implement cotter (2)
7	704 184 R93	CHAIN, link pin retaining (2)
8	704 178 R21	EYEBOLT, top link bottom 1" hex. jam NUT
9	704 180 R1	LINK, telescoping top half bottom
10	704 179 R1	LINK, telescoping top half top
11	709 308 R91	EYEBOLT, top link top composed of: 1 Eyebolt 704 177 R21 1 Pin 704 182 R1 1 Chain 704 183 R93 1 Hook 704 185 R1 1 Cotter 704 212 R91
12	704 177 R21	EYEBOLT, top link top
13	704 182 R1	PIN, top link top
14		BOLT, top link adjusting (1/2 x 7" hex. BOLT) 1/2" hex. NUT (2)

* Not Serviced Separately
Information Not Available

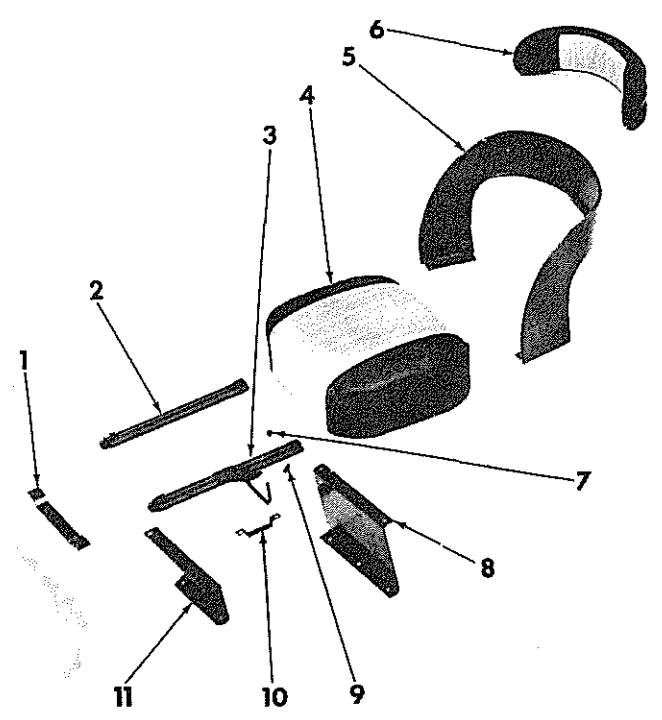
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CRAWLER TRACTORS

SEAT AND SUPPORTS



REF. NO.	PART NUMBER	DESCRIPTION
OPERATOR'S SEAT (Standard) (Not Low Profile)		
		
		H 4283
1	635 441 R1	BRACKET, seat support front (when Three-Point Hitch used) 5/16 x 3/4" hex. BOLT (2) 5/16" lock WASHER (2)
2	371 629 R91	RAIL, adjuster right 5/16 x 1-1/4" rd-hd. cre-rec. SCREW (2) 5/16" lock WASHER (2)
3	371 628 R91	RAIL, adjuster left (Includes SPRING, 96 775 R1) 5/16 x 1-1/4" rd-hd. cre-rec. SCREW (2) 5/16" lock WASHER (2)
4	371 625 R92	CUSHION, operator's seat 5/16 x 1-1/4" rd-hd. cre-rec. SCREW (4) 5/16" lock WASHER (4)
5	371 626 R91	SUPPORT, seat back 5/16 x 1-1/4" cad-pltd. hex. BOLT (4) 5/16" lock WASHER (4)
6	371 627 R92	CUSHION, operator's back
7	148 689 R1	KNOB, seat adjuster

REF. NO.	PART NUMBER	DESCRIPTION
OPERATOR'S SEAT (Standard) - Cont (Not Low Profile)		
8	635 268 R1	BRACKET, seat support rear 5/16 x 5/8" hex-soc-hd. BOLT (2)
	636 492 R1	Seat support bracket STUD (3)
	456 939	7/16"-NF special hex. NUT (3) 5/16" hex. NUT (2) 5/16" lock WASHER (2) 7/16" lock WASHER (3)
9	96 775 R1	SPRING, seat adjuster
10	371 630 R1	GUIDE, adjuster handle 5/16 x 1-1/4" cad-pltd. hex. BOLT (2) 5/16" lock WASHER (2)
11	635 267 R1	BRACKET, seat support front 5/16 x 5/8" hex-soc-hd. BOLT (2) 3/8 x 5/8" hex. BOLT (2) 5/16" hex. NUT (2) 5/16" lock WASHER (2) 3/8" lock WASHER (2)
	636 185 R1	STIFFENER, support bracket (not illustrated) 5/16 x 5/8" hex. BOLT (4) 5/16" hex. NUT (4) 5/16" lock WASHER (4)
	371 585 R92	SEAT ASSEMBLY, operator's (optional to use 375 178 R91 - Seat Assembly) composed of: 1 Cushion 371 625 R92 1 Cushion 371 627 R92 1 Guide 371 630 R1 1 Knob 148 689 R1 1 Rail 371 628 R91 1 Rail 371 629 R91 4 Screw 180 124 4 Screw 154 000 1 Support 371 626 R91 4 Washer 120 382 4 Washer 120 214
	217 907	5/16 x 5/8" hex-soc-hd. BOLT (4) 5/16" hex. NUT (4) 5/16" lock WASHER (4)
	375 178 R91	SEAT ASSEMBLY, operator's (optional to use 371 585 R91 - Seat Assembly) (Parts not illustrated) composed of: 1 Cushion 375 179 R1 1 Cushion 375 181 R91 1 Frame 375 180 R91 1 Knob 375 184 R1 1 Rail 375 183 R91 1 Rail 375 182 R91 7 Screw 134 440 4 Screw 120 628 4 Lockwasher 120 380
	217 907	5/16 x 5/8" hex-soc-hd. BOLT (4) 5/16" hex. NUT (4) 5/16" lock WASHER (4)

* Not Serviced Separately

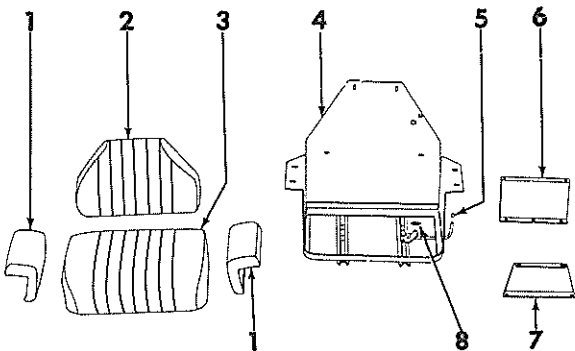
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CRAWLER TRACTORS

SEAT AND SUPPORTS



REF. NO.	PART NUMBER	DESCRIPTION
OPERATOR'S SEAT (DeLuxe Type) (Not Low Profile)		
		
HA 4552		
1	635 992 R91	CUSHION, operator's side (2) 5/16 x 7/8" slt-rd-hd. SCREW (4) 5/16" lock WASHER (4)
2	635 995 R91	CUSHION, operator's back 5/16 x 7/8" slt-rd-hd. SCREW (4) 5/16" lock WASHER (4)
3	635 994 R91	CUSHION, operator's seat 5/16 x 7/8" slt-rd-hd. SCREW (4) 5/16" lock WASHER (4)
4	635 993 R91	FRAME, seat (Includes SPRING, 96 775 R1) 5/16 x 5/8" hex-soc-hd. cap SCREW (4) 5/16" hex. NUT (4) 5/16" lock WASHER (4)
5	148 689 R1	KNOB, seat adjuster
6	635 263 R1	BRACKET, seat support rear 7/16 x 1-1/4" hex. BOLT (3) 7/16" lock WASHER (3)
7	635 267 R1	BRACKET, seat support front 3/8 x 5/8" hex. BOLT (2) 3/8" lock WASHER (2)
8	96 775 R1	SPRING, slide rail
	635 616 R91	SEAT ASSEMBLY, operator's composed of: 1 Cushion 635 994 R91 1 Cushion 635 995 R91 2 Cushion 635 992 R91 1 Frame 635 993 R91 1 Knob 148 689 R1 8 Lockwasher 120 214 8 Screw 133 098 1 Spring 96 775 R1 5/16 x 5/8" hex-soc-hd. BOLT w/NUT (4) 5/16" lock WASHER (4)
	636 185 R1	STIFFENER, seat support bracket (not illustrated) 5/16 x 5/8" hex. BOLT (4) 5/16" hex. NUT (4) 5/16" lock WASHER (4)

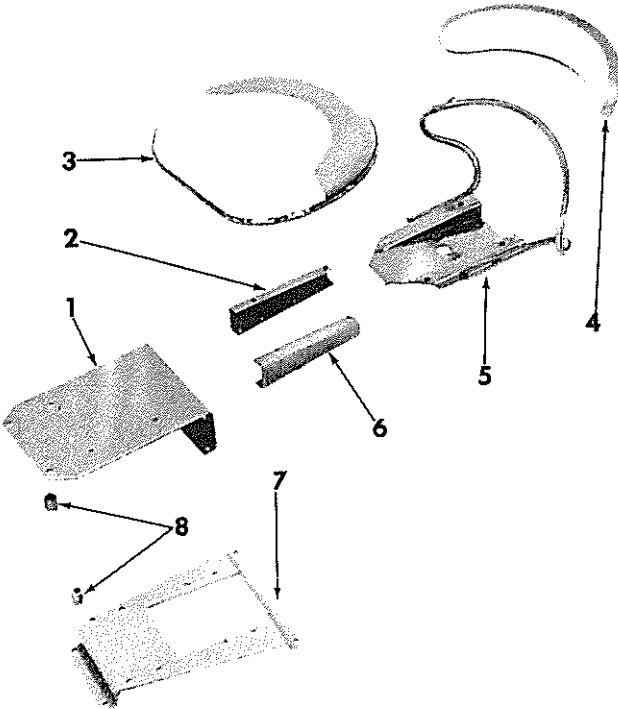
REF. NO.	PART NUMBER	DESCRIPTION



CRAWLER TRACTORS

SEAT AND SUPPORTS



REF. NO.	PART NUMBER	DESCRIPTION
OPERATOR'S SEAT (Low Profile Only)		
		
H 5753		
1	636 100 R11	BRACKET, seat support (not with Three Point Hitch) 3/8 x 1-3/4" hex. BOLT (2) 7/16 x 1-1/4" hex. BOLT (3) 3/8" lock WASHER (2) 7/16" lock WASHER (3)
2	636 102 R1	RAIL, seat adjusting right (not with Three Point Hitch) 3/8 x 7/8" hex. BOLT (2) 3/8" hex. NUT (2) 3/8" lock WASHER (2)
3	372 759 R92	CUSHION, seat 3/8 x 5/8" hex. BOLT (4) 3/8" lock WASHER (4)
4	372 757 R92	REST, back No. 12 x 1" slt-oval-hd. cad-pltd. SCREW (3)
5	372 758 R92	FRAME, seat 3/8 x 7/8" hex. BOLT (4) 3/8" lock WASHER (4)
6	636 101 R91	RAIL, seat adjusting left (not with Three Point Hitch) 3/8 x 7/8" hex. BOLT (2) 3/8" lock WASHER (2) 3/8" hex. NUT (2)
7	636 331 R1	SUPPORT, operator's seat (only with Three Point Hitch) 5/16 x 3/4" hex. BOLT (4) 5/16" lock WASHER (4)

REF. NO.	PART NUMBER	DESCRIPTION
OPERATOR'S SEAT - Cont (Low Profile Only)		
8	636 098 R1	SPACER, seat support bracket (2)
372 356 R92	SEAT ASSEMBLY, operator's composed of:	
	1 Rest	372 757 R92
	1 Frame	372 758 R92
	1 Cushion	372 759 R92
	4 Bolt	180 118
	4 Lockwasher	120 382
	3 Screw	134 396
	3/8 x 7/8" hex. BOLT (4)	
	(not with Three Point Hitch)	
	3/8 x 2" hex. BOLT (4)	
	(only with Three Point Hitch)	
	3/8" lock WASHER (4)	

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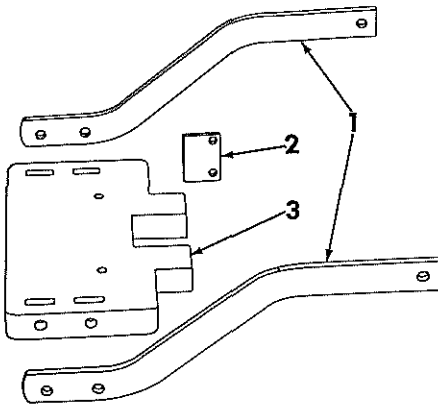
CRAWLER TRACTORS

MISCELLANEOUS EQUIPMENT AND
ATTACHMENTS



REF. NO.	PART NUMBER	DESCRIPTION
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REAR WEIGHT TRAY ATTACHMENT

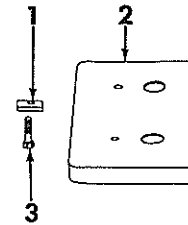


HA 4498

1	635 987 R1	ARM, rear weight tray (2) 7/8 x 3" hex. BOLT 7/8" hex. NUT 7/8" lock WASHER
2	635 895 R1	PLATE, weight tray thrust (2)(for use on tractors not equipped with Drawbar Guide Bracket) 3/4 x 2-1/2" hex. BOLT (2) 3/4" lock WASHER (2)
3	635 947 R1	BASE, weight tray 7/8 x 3-1/4" hex. BOLT (4) 7/8" hex. NUT (4) 7/8" lock WASHER (4)
	636 253 R91	PARTS ACCESSORY, rear weight tray (composed of all parts listed above)

REF. NO.	PART NUMBER	DESCRIPTION
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REAR WEIGHT



HA 4498

1	635 988 R1	NUT, weight mounting bolt (2 required per weight)
2	635 948 R1	WEIGHT, rear
3		BOLT, 3/4 x 3" hex. (2 required per weight) 25/32 x 1-3/4 x 11 gauge WASHER 3/4" lock WASHER



CRAWLER TRACTORS

MISCELLANEOUS EQUIPMENT AND
ATTACHMENTS

REF. NO.	PART NUMBER	DESCRIPTION
TOOLS AND LUBRICATION GUN (Parts Not Illustrated)		
1	636 377 R91	BODY, lubrication gun
2	636 715 R91	NOZZLE, gun coupler and hose
3	635 574 R1	WRENCH, front idler adjusting
4	3048 840 R91	WRENCH, glow plug
GASKET PACKAGES		
381 734 R91	PACKAGE, carbureted engine crankcase gasket service composed of:	
	2 Felt	24 425 D
	4 Felt	43 445 DA
	1 Gasket	13 728 D
	4 Gasket	43 446 DA
	2 Gasket	43 447 D
	1 Gasket	43 448 D
	1 Gasket	43 458 DB
	1 Gasket	45 875 D
	1 Gasket	46 168 DB
	1 Gasket	46 179 DC
	1 Gasket	46 871 D
	1 Gasket	367 687 R1
	1 Gasket	368 153 R1
	2 Gasket	375 786 R1
	1 Oil Seal	367 956 R91
	1 Seal	43 482 D
	1 Gasket	375 745 R1
357 476 R94	PACKAGE, carbureted engine valve grinding service composed of:	
	1 Gasket	24 520 D
	1 Gasket	43 294 D
	1 Gasket	43 378 DC
	2 Gasket	352 014 R3
	1 Gasket	366 300 R2
	2 Washer	62 866 D
706 105 R93	PACKAGE, diesel engine valve grinding service composed of:	
	1 Gasket	703 815 R1
	1 Gasket	703 883 R6
	1 Gasket	703 896 R1
	2 Gasket	704 162 R1
	2 Gasket	704 165 R2
	4 Gasket	710 382 R3
	4 Gasket	710 383 R1

REF. NO.	PART NUMBER	DESCRIPTION
GASKET PACKAGES - Cont		
706 106 R91	PACKAGE, diesel engine crankcase gasket service (on engines prior to serial No. BD-144/1951 C) composed of:	
	4 Gasket	710 382 R3
	4 Gasket	710 383 R1
	1 Gasket	703 816 R1
	1 Gasket	703 815 R1
	2 Oil Seal	706 704 R1
	1 Gasket	703 838 R1
	2 Gasket	707 581 R1
	1 Gasket	703 840 R1
	1 Gasket	3405 H
		or
		3043 644 R1
	1 Gasket	709 903 R1
	1 Gasket	703 847 R1
	1 Gasket	703 849 R1
	1 Gasket	703 851 R1
	1 Gasket	703 883 R6
	1 Gasket	703 896 R1
	1 Gasket	46 583 DA
	1 Gasket	706 592 R1
	2 Gasket	704 162 R1
	2 Gasket	704 165 R2
	1 Gasket	708 907 R1
3041 249 R92	PACKAGE, diesel engine crankcase gasket service (engines with serial No. BD-144/1951 C and up) composed of:	
	4 Gasket	710 382 R3
	4 Gasket	710 383 R1
	1 Gasket	703 816 R1
	1 Gasket	703 815 R1
	1 Gasket	708 907 R1
	1 Gasket	703 840 R1
	1 Gasket	709 903 R1
	1 Gasket	708 285 R1
	1 Gasket	703 849 R1
	1 Gasket	703 851 R1
	1 Gasket	703 883 R6
	1 Gasket	703 896 R1
	1 Gasket	708 289 R1
	1 Gasket	706 592 R1
	2 Gasket	704 162 R1
	2 Gasket	704 165 R2
	1 Gasket	3043 370 R1
	1 Gasket	3405 H
		or
		3043 644 R1

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CRAWLER TRACTORS

MISCELLANEOUS EQUIPMENT AND
ATTACHMENTS



REF. NO.	PART NUMBER	DESCRIPTION
DECALCOMANIAS AND HY-TRAN FLUID		
616 380 R1 113 231		PLATE, chassis serial number No. 6 x 1/4" rd-hd. SCREW (2)
636 839 R1 113 231		PLATE, carburated engine lube (English) No. 6 x 1/4" rd-hd. SCREW (4)
636 842 R1 113 231		PLATE, diesel engine lube (English) No. 6 x 1/4" rd-hd. SCREW (4)
636 840 R1 113 231		PLATE, carburated engine lube (French) No. 6 x 1/4" rd-hd. SCREW (4)
636 843 R1 113 231		PLATE, diesel engine lube (French) No. 6 x 1/4" rd-hd. SCREW (4)
636 841 R1 113 231		PLATE, carburated engine lube (Spanish) No. 6 x 1/4" rd-hd. SCREW (4)
636 844 R1 113 231		PLATE, diesel engine lube (Spanish) No. 6 x 1/4" rd-hd. SCREW (4)
372 703 R1		HY-TRAN FLUID, U.S. measure quart can
997 497 R1		HY-TRAN FLUID, Imperial measure quart can
372 704 R1		HY-TRAN FLUID, U.S. measure gallon can
997 495		HY-TRAN FLUID, Imperial measure gallon can
372 705 R1		HY-TRAN FLUID, U.S. measure 5 gallon can
1001 012 R5		DECALCOMANIA - carburated engine, Oil Filter Instructions (English)
1001 020 R5		DECALCOMANIA - carburated engine, Oil Filter Instructions (Spanish)
1001 102 R5		DECALCOMANIA - carburated engine, Oil Filter Instructions (French)
1001 181 R3		DECALCOMANIA - carburated engine, Air Cleaner Instructions (Donaldson)(English)
1001 205 R3		DECALCOMANIA - carburated engine, Air Cleaner Instructions (Donaldson)(Spanish)
1001 206 R3		DECALCOMANIA - carburated engine, Air Cleaner Instructions (Donaldson)(French)
1001 289 R1		DECALCOMANIA - carburated engine, Air Cleaner Instructions (United Specialties) (English)
1001 290 R1		DECALCOMANIA - carburated engine, Air Cleaner Instructions (United Specialties) (Spanish)
1001 291 R1		DECALCOMANIA - carburated engine, Air Cleaner Instructions (United Specialties) (Spanish)
2750 501 R1		DECALCOMANIA - "IH"
2750 502 R1		DECALCOMANIA - "IH"
1001 905 R1		DECALCOMANIA - "Made In Canada"

REF. NO.	PART NUMBER	DESCRIPTION
DECALCOMANIAS AND HY-TRAN FLUID - Cont		
2750 931 R1		DECALCOMANIA - "Use Hy-TRAN Fluid Only" (English)
2750 945 R1		DECALCOMANIA - "Use Hy-TRAN Fluid Only" (Spanish)
2750 919 R1		DECALCOMANIA - "T-4" model (2)
2750 920 R1		DECALCOMANIA - "T-5" model (2)
2750 921 R1		DECALCOMANIA - "TD-5" model (2)
2750 949 R1		DECALCOMANIA - "Low Profile" label (2)
2750 268 R1		DECALCOMANIA - Lighting Switch
2750 965 R1		DECALCOMANIA - "2 Shots of high temperature, etc."
636 000 R91		PACKAGE, decalcomania service (T-4) composed of: 2 Decal 2750 919 R1 1 Decal 1001 012 R5 1 Decal 1001 181 R3 1 Decal 1001 289 R1 1 Decal 2750 502 R1 1 Decal 1001 905 R1 1 Decal 2750 931 R1 2 Decal 2750 949 R1 1 Decal 2750 501 R1 1 Decal 2750 965 R1
636 001 R91		PACKAGE, decalcomania service (T-5) composed of: 2 Decal 2750 920 R1 1 Decal 1001 012 R5 1 Decal 1001 181 R3 1 Decal 1001 289 R1 1 Decal 2750 502 R1 1 Decal 1001 905 R1 1 Decal 2750 931 R1 2 Decal 2750 949 R1 1 Decal 2750 501 R1 1 Decal 2750 965 R1
636 002 R91		PACKAGE, decalcomania service (TD-5) composed of: 2 Decal 2750 921 R1 1 Decal 2750 502 R1 1 Decal 1001 905 R1 1 Decal 2750 931 R1 2 Decal 2750 949 R1 1 Decal 2750 501 R1 1 Decal 2750 965 R1 1 Decal 1001 181 R3

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58 R1	-121	3 040 367 R1	- 32	3 043 096 R1	- 60	3 044 984 R1	- 43	22 910 V	-184
58 R1	-124	3 040 368 R91	- 32	3 043 097 R1	- 60	3 045 523 R1	- 35	22 910 V	-191
58 R1	-128	3 040 369 R1	- 32	3 043 098 R1	- 60	3 046 381 R91	- 61	22 910 V	-192
33 R31	- 31	3 040 370 R91	- 33	3 043 100 R1	- 60	3 046 382 R91	- 61	23 174 V	- 12
33 R92	- 33	3 040 778 R2	- 69	3 043 101 R1	- 60	3 047 230 R1	- 29	23 174 V	- 14
34 R92	- 32	3 040 831 R11	- 28	3 043 102 R1	- 60	3 048 572 R1	- 35	51 344 VA	- 55
35 R92	- 32	3 040 871 R91	- 65	3 043 103 R1	- 60	3 048 796 R91	- 64		
36 R91	- 32	3 040 912 R22	- 29	3 043 104 R1	- 60	3 048 840 R91	- 74		
37 R91	- 33	3 040 973 R1	- 53	3 043 105 R1	- 60	3 048 840 R91	-210	<u>W</u>	
38 R1	- 29	3 041 092 R1	-120	3 043 107 R1	- 60	3 049 111 R1	- 54		
31 R11	- 30	3 041 092 R1	-124	3 043 108 R1	- 60	3 049 382 R1	- 35		
31 R21	- 30	3 041 092 R1	-128	3 043 109 R1	- 60	3 061 211 R1	- 29		
36 R1	- 39	3 041 093 R1	-120	3 043 110 R1	- 60	3 061 325 R1	- 29	W 5 226	-111
37 R91	- 39	3 041 093 R1	-124	3 043 111 R1	- 60				
32 R91	- 62	3 041 093 R1	-128	3 043 112 R1	- 60				
32 R91	- 63	3 041 249 R92	-210	3 043 113 R1	- 60	<u>S</u>			
73 R91	- 52	3 041 317 R92	- 60	3 043 131 R92	- 38				
73 R91	- 53	3 041 348 R1	- 62	3 043 132 R92	- 39				
26 R1	- 37	3 041 348 R1	- 63	3 043 216 R1	- 32	ST 205 A	-132		
27 R93	- 39	3 041 349 R1	- 62	3 043 217 R11	- 30	ST 205 A	-134		
28 R1	- 39	3 041 349 R1	- 63	3 043 218 R11	- 30	ST 213	-121		
29 R1	- 39	3 041 350 R1	- 62	3 043 249 R1	- 53	ST 215	-121		
30 R1	- 39	3 041 350 R1	- 63	3 043 283 R92	- 41	ST 215	-125		
31 R92	- 39	3 041 351 R1	- 62	3 043 370 R1	- 54	ST 215	-128		
34 R1	- 29	3 041 352 R1	- 62	3 043 370 R1	- 61	ST 235	-120		
32 R1	- 53	3 041 352 R1	- 63	3 043 419 R91	- 44	ST 247	-120		
32 R1	- 54	3 041 353 R1	- 62	3 043 500 R1	- 98	ST 264	-135		
33 R1	- 53	3 041 353 R1	- 63	3 043 501 R1	- 98	ST 266	-124		
33 R1	- 54	3 041 354 R1	- 62	3 043 502 R1	- 98	ST 293	-134		
32 R1	-113	3 041 354 R1	- 63	3 043 503 R1	- 98	ST 345 A	-127		
33 R1	-113	3 041 355 R1	- 62	3 043 504 R1	- 98	ST 560	-123		
39 R1	- 30	3 041 355 R1	- 63	3 043 505 R1	- 98	ST 560	-127		
34 R1	- 38	3 041 356 R1	- 62	3 043 611 R1	- 32	ST 562	-124		
35 R1	- 39	3 041 356 R1	- 63	3 043 644 R1	- 39	ST 572	-133		
31 R91	-133	3 041 357 R1	- 62	3 043 645 R91	- 64	ST 575	-120		
37 R1	-211	3 041 357 R1	- 63	3 043 646 R91	- 54	ST 575	-123		
2 R5	-211	3 041 358 R1	- 62	3 043 647 R91	- 54	ST 589	-123		
30 R5	-211	3 041 358 R1	- 63	3 043 649 R91	- 54	ST 626	-128		
32 R5	-211	3 041 359 R1	- 62	3 043 650 R91	- 54	ST 644	- 68		
31 R3	-211	3 041 359 R1	- 63	3 043 651 R91	- 54	ST 775 A	-121		
35 R3	-211	3 041 360 R1	- 62	3 043 652 R91	- 54	ST 775 A	-124		
36 R3	-211	3 041 360 R1	- 63	3 043 653 R91	- 54	ST 775 A	-127		
39 R1	-211	3 041 363 R1	- 62	3 043 655 R1	- 54	ST 964	-120		
30 R1	-211	3 041 363 R1	- 63	3 043 824 R12	- 35	ST 964	-124		
31 R1	-211	3 041 364 R1	- 62	3 043 826 R1	- 36	ST 970	-127		
35 R1	-211	3 041 364 R1	- 63	3 044 309 R1	-202	ST 970	-124		
38 R1	-211	3 041 365 R1	- 62	3 044 309 R1	-204	SA 2 516	-103		
31 R1	-211	3 042 127 R1	-136	3 044 310 R1	-204	SA 2 516	-104		
32 R1	-211	3 042 303 R91	- 69	3 044 458 R1	- 61				
39 R1	-211	3 042 419 R92	- 41	3 044 502 R1	- 64				
30 R1	-211	3 042 420 R91	- 40	3 044 503 R1	- 54				
31 R1	-211	3 042 467 R1	- 29	3 044 504 R1	- 64				
31 R1	-211	3 042 468 R1	- 29	3 044 505 R1	- 64				
35 R1	-211	3 042 474 R91	-109	3 044 506 R1	- 64				
39 R1	-211	3 042 475 R92	- 30	3 044 507 R1	- 64				
35 R1	-211	3 042 478 R1	- 38	3 044 511 R1	- 61				
32 R11	- 69	3 042 479 R1	- 39	3 044 512 R1	- 61				