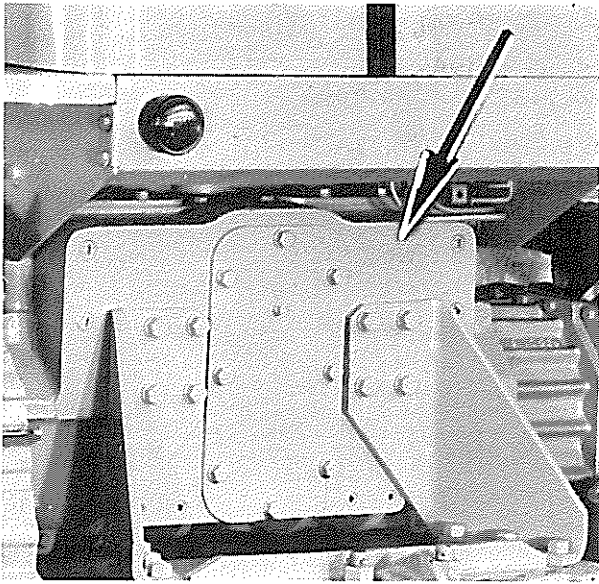
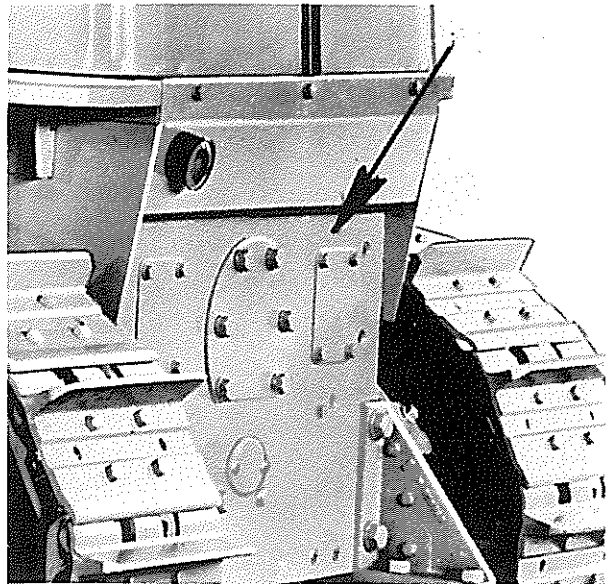


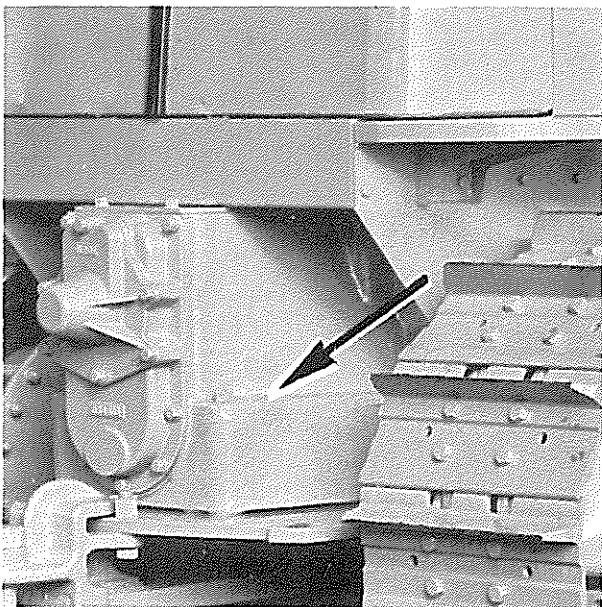
The Serial Number



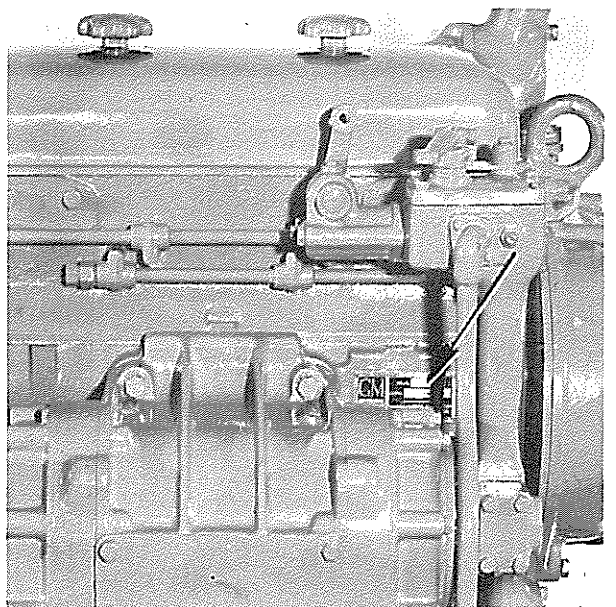
"HD 7"



"HD 10"



"HD 14"



"HD 7", "HD 10" & "HD 14" ENGINE

The Serial Number is **IMPORTANT**. A tractor has a serial number for the same reason that a man has a name. It is the legal identification used on bills of sale, contracts, mortgages and insurance policies. Also, it is absolutely necessary on all repair parts orders to insure getting correct parts. Don't fail to show correct serial number wherever required.

On HD7 and HD10 tractors the serial number is at upper right hand corner of back of transmission case; on the HD14 it is on the right hand side of rear transmission case—stamped into the top of flange.

Also most documents require, in addition, the engine serial number. This number will be found on right side of engine block just back of governor tower. Engine serial number must be shown on all orders for engine parts.

It is advisable to carry insurance on your tractor. You can protect yourself from loss by fire, theft, personal liability, property damage, collision, submersion and other hazards. Because of the greater investment in tractor equipment, it is relatively more important to carry insurance on such equipment than on an automobile.

Specifications

	HD-7	HD-10	HD-14
Drawbar H.P. (at Rated Speed in Second Gear)	54.87	74.9	132.19
Belt H.P.	64.8	89.5	150.48
Width of Tread (Narrow)	52"	62"	
(Wide)	63"	74"	68
Shipping Weight (Narrow Tread)	13830 lbs.	21000 lbs.	
(Wide Tread)	14000 lbs.	21600 lbs.	29000 lbs.
SPEEDS AT RATED ENGINE SPEED			
First Gear	1.59 M.P.H.	1.57 M.P.H.	1.72 M.P.H.
Second Gear	2.19 M.P.H.	2.06 M.P.H.	2.18 M.P.H.
Third Gear	2.97 M.P.H.	2.68 M.P.H.	2.76 M.P.H.
Fourth Gear	5.00 M.P.H.	3.54 M.P.H.	3.50 M.P.H.
Fifth Gear		4.62 M.P.H.	4.36 M.P.H.
Sixth Gear		6.03 M.P.H.	7.00 M.P.H.
Low Reverse	1.89 M.P.H.	1.85 M.P.H.	2.00 M.P.H.
High Reverse		4.17 M.P.H.	3.20 M.P.H.
DRAWBAR H.P. AND DRAWBAR PULLS			
(at Rated Engine Speed)	H.P. PULL	H.P. PULL	PULL
First Gear	50.74- *12600	74.6- *18650	28019
Second Gear	54.87- 9705	74.9- 14050	22699
Third Gear	54.44- 7015	74.4- 10605	17265
Fourth Gear	53.86- 4070	72.2- 7730	13769
Fifth Gear		68.2- 5585	10074
Sixth Gear		62.0- 3385	5579
Low Reverse	54.54- 11300	74.9- 15650	
High Reverse		70.0- 6350	
		*Based on 90% of tractor weight (Wide Tread)	
ENGINE			
Lubrication	Forced Feed	Forced Feed	Forced Feed
Make	General Motors	General Motors	General Motors
	Diesel	Diesel	Diesel
Type	Two Cycle	Two Cycle	Two Cycle
Number of Cylinders	3	4	6
Unit Fuel Injector Output (C.U.M.M.)	60	60	60
Bore and Stroke	4 $\frac{1}{4}$ " x 5"	4 $\frac{1}{4}$ " x 5"	4 $\frac{1}{4}$ " x 5"
Piston Displacement (Cu. In.)	213	284	425
R.P.M. Governed at Full Load	1500	1600	1500
R.P.M. at Low Idle Engine Speed	450	450	450
R.P.M. at High Idle Engine Speed	1650	1750	1650
Maximum Net Torque (Foot Pounds)	254	341	511
R.P.M. at Maximum Net Torque	1000	900	1050
Piston Speed (F.P.M.)	1250	1333	1250
Crankshaft—Number and Diameter of Main Bearings	4—3 $\frac{1}{2}$ "	5—3 $\frac{1}{2}$ "	7—3 $\frac{1}{2}$ "
STEERING			
Method	Clutch	Clutch	Clutch
Number of Friction Surfaces Each Clutch	22	30	40
Area of Each Friction Surface—Sq. In.	41.57	48.8	66.15
Total Friction Area—Each Clutch—Sq. In.	914.54	1464	2646
Turning Radius—Narrow Tread	84"	98"	
Wide Tread	88"	104"	114"
TRACKS			
Length of track on ground (Center of sprocket to center of front idler)	67"	84-15/16"	85-7/16"
Ground Contact—Standard Shoes—Sq. In.	2144	3058	3759
Width of Standard Track Shoes	16"	18"	22"
Maximum Width Track Shoes—Narrow Tread	16"	20"	
Wide Tread	28"	30"	24"
Maximum Width Track Shoe Available—Narrow Tread	16"	18"	
Wide Tread	24"	24"	24"
Height of Grouser	2 $\frac{3}{4}$ "	2-19/32"	2 $\frac{5}{8}$ "
Diameter of Track Shoe Bolts—Shoulder	9/16"	$\frac{5}{8}$ "	$\frac{3}{4}$ "
Diameter of Track Pins	1-9/16"	1 $\frac{3}{4}$ "	1 $\frac{7}{8}$ "
Diameter of Track Pin Bushings	2-5/16"	2 $\frac{1}{2}$ "	2 $\frac{3}{4}$ "
Number of Track Shoes—Each Track	34	34	35
Ground Pressure—Lbs. Per Sq. In.—Narrow Tread	6.45	6.87	
Wide Tread	6.53	7.06	7.39
TRUCK WHEELS			
Number on Each Side	5	6	5
Type of Seal	Positive	Positive	Positive
Type of Bearing	Tapered Roller	Tapered Roller	Tapered Roller
Lubrication Intervals	1000 hours	1000 hours	1000 hours
TRACK SUPPORT ROLLERS			
Number on Each Side	1	1	1
Type of Bearing	Tapered Roller	Tapered Roller	Tapered Roller
Lubrication Intervals	1000 hours	1000 hours	1000 hours

