FORD

Service Manual

Tractor-Loader-Backhoe
555A, 555B and 655A



SE-4455

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PROBLEM	POSSIBLE CAUSE	REMEDY
Water temperature gauge fails to reach normal operating temperature.	1. Faulty temperature sender switch.	1. Replace sender switch.
	2. Incorrect or faulty thermostat.	2. Replace thermostat.
	3. Faulty water temperature gauge.	3. Replace temperature gauge.

B. SPECIFICATIONS

GENERAL SPECIFICATIONS	DIESEL	
No. of Cylinders	3	4
Displacement:		
in^3	201	256
cm^3	3294	4196
Bore:		
in	4.4	4.4
mm	111.8	111.8
Stroke:		
in	4.4	4.2
mm	111.8	106.7
Compression Ratio:	16.3:1	16.3:1
Firing Order	1-2-3	1-3-4-2
Maximum Torque (lbs. ft.)	158 @1200 Rev./min	183@ Rev./min
(Nm)	214	248
(Mkg)	21.9	25.3
Rated Engine Speed (rev/min)	2200	2200
Idle Speed (rev/min)	600-700	600-700
Maximum No Load Speed (rev/min)	2425-2475	2425-2475

COMPRESSION PRESSURE (AT 200 RPM) CRANKING SPEED

With the throttle closed and stop control out: ..... 340 ± 50 psi
Cylinder-to-Cylinder Variation ..... ± 50 psi

CYLINDER BLOCK

Taper of Cylinder Bore ..... 0.001 in. (.254 mm) Repair Limit
0.005 in. (.127 mm) Wear Limit
Cylinder Bore Out-of-round ..... 0.0015 in. (.0381 mm) Repair Limit
0.005 in. (.127 mm) Wear Limit
Cylinder Bore Diameters ..... 4.4007-4.4032 in. (111.778-111.841 mm)
Rear Oil Seal Bore Diameter ..... 5.542-5.546 in. (140.77-140.87 mm)
Block to Head Surface Flatness ..... 0.003 in. (0.08 mm) in. any 6 in. (152 mm)
or 0.006 om (0.15 mm) overall limit

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