1440/1460/1480
Combine Chassis

Service Manual

GSS-1479-B

CASE IH AGRICULTURE

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Section 1

ENGINE AND FUEL TANK

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SPECIFICATIONS

	1440 D-436	1460 1480 DT-436	1460 DT-436B	1480 DT-436B	1480 DT-466B	1480 DT-466C MW Inj. Pump 1984 Models	1480 DT-466C MW Inj. Pump 1985 Models
Static Timing (BTDC)	18 Deg.		15 ± 1 Deg.			27 ± 1 Deg.	
Charge Pressure @ Rated RPM	40 PSI Min.					20 PSI Min.	
Advance	14 Deg.					None	
Low Idle RPM (Separator Disengaged)	1000						
High Idle RPM (Separator Engaged)	1440 2700 ± 30 1460 2700 ± 30 1480 2735 ± 25		2700 ± 30	2735 ± 25		2700 ± 30 -NOTE B-	2720 ± 40 -NOTE B-
Rated Load RPM	2500						
Minimum Overload RPM	1900	1800				2000	
Fuel Pressure (Transfer Pump to Charge Pump Engine Off)	5-7 PSI (Combines with Transfer Pump Only)						NA
Air Cleaner Restriction -NOTE A-	25 Inches of Water Maximum						

NOTE -A- High idle-no load for naturally aspirated engines.
At rated load for turbocharged engines.

NOTE -B- Reading after engine temperature has stabilized.

Special Torque

Engine-to-rail mounting bolts . . . . . 135.6-162.7 N.m (100-120 ft. lbs.)

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