

FORD MOTOR CO. (Cont.)

TIGHTENING SPECIFICATIONS	
Oil Pan Attaching Bolts	Ft. Lbs.
300"	10-15
302" & 351-W"	
1/4"	7-9
5/16"	8-11
351"-M & 400"	
1/4"	7-9
5/16"	11-13
460"	
1/4"	7-9
5/16"	9-11

NOTE — Torque specifications for components other than oil pan attaching bolts may be found in Engine Removal Section.

GENERAL MOTORS

6 CYLINDER ENGINE

V8 ENGINES

"G" MODELS W/MAN. TRANS.

ALL MODELS

1) Disconnect battery negative cable, remove engine cover, air cleaner and studs. Remove fan guard and radiator upper support bracket. Raise vehicle on hoist.

Raise vehicle on hoist and drain crankcase. Remove oil dipstick tube assembly from pan. Remove exhaust crossover pipe (if equipped) and converter housing under pan (automatic transmission only). Remove starter brace and inboard starter bolt, then swing starter aside. Remove oil pan attaching bolts and remove oil pan from vehicle.

2) Disconnect clutch cross shaft from left front mount bracket. Remove transmission to bell housing upper bolts and transmission rear mount bolts, install two 7/16" x 3" bolts.

TIGHTENING SPECIFICATIONS	
Oil Pan Attaching Bolts	INCH Lbs.
6 Cylinder Engine	
Pan-to-Block	
1/4 -20 Bolts	80
5/16 -18 Bolts	75
Pan-to-Front Cover	
	50
305", 350" & 400" V8	
Pan-to-Block	
1/4 -20 Bolts	80
5/16 -18 Bolts	65
454"	
Pan-to-Block	
1/4 -20 Bolts	55
5/16 -18 Bolts	135

NOTE — Torque specifications for components other than oil pan attaching bolts may be found in Engine Removal Section.

3) Raise transmission, install 2" block between block and crossmember. Remove starter and mount through bolts, drain crankcase. Raise engine insert wooden blocks between engine mounts and crossmember brackets. Remove fly wheel splash shield/converter cover and remove oil pan bolts.

ALL REMAINING MODELS

Disconnect negative battery cable. Raise vehicle on a hoist and drain engine oil. Remove starter. Remove flywheel or converter splash shield. Remove front engine mount through bolts. Raise front of engine and reinstall through bolts to hold engine up. Remove oil pan bolts and remove oil pan.

INTERNATIONAL HARVESTER

NOTE — Oil pan removal information for International Harvester models was not available from manufacturer at time of publication.