

## 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

#### ALL 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.

### V8 ENGINES

#### ALL MODELS EXC. GMC MOTOR HOME

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.

#### GMC MOTOR HOME

Remove transmission and final drive. See Engine Removal Section. Drain crankcase. Disconnect relay tie rod from idler arm and relay lever. Disconnect steering shock absorber from crossmember bracket. Remove left hand lower venturi ring bracket and disconnect power steering pump. Remove front

support-to-engine bolts and support-to-mount bolts. Remove flywheel attaching bolts and flywheel. Raise engine approximately one inch and remove oil pan attaching bolts and oil pan from vehicle.

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
403", 454" & 455"	
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.

## INTERNATIONAL HARVESTER

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