

TORQUE SPECIFICATIONS

(ft. lbs.)

Engine No. Cyl. Displacement (cu. in.)	Cylinder Head Bolts	Rod Bearing Bolts	Main Bearing Bolts	Crankshaft Bolt ▲	Flywheel to Crankshaft Bolts	Manifold	
						Intake	Exhaust
6-250	95 ③	35	65	—	60	—	30 ①
6-262	65	45	75	70	75	36	⑥
6-292	95 ③	35	65	60 ④	110	38	30
8-305	65	45	70 ⑤	60 ⑥	60 ⑦	30 ⑧	20 ⑨
8-350	65	45	70 ⑤	60 ⑥	60 ⑦	30 ⑧	20 ⑨
8-350 Diesel	130 ②	42	120	200-310	60	40 ②	25
8-379 Diesel	100 ⑩	48	⑪	150 ⑭	65 ⑮	31	26
8-396	—	50	110	—	65	30	20
8-400	65	45	70	60	60	30	30
8-454	80 ⑩	50	110	65 ⑪	65	30	20 ⑫

▲ Front of crankshaft

① End bolts: 20 ft. lbs.

② Dip in oil

③ Left-hand front bolt: 85 ft. lbs.

④ 1986-87: 50 ft. lbs.

⑤ 1986-87: outer bolts on #2, 3, 4 caps—70 ft. lbs., all others 80 ft. lbs.

⑥ 1986-87: 70 ft. lbs.

⑦ 1986-87: 75 ft. lbs.

⑧ 1986-87: 36 ft. lbs.

⑨ 1986-87: Cast manifolds:

two center bolts—26 ft. lbs.

all others—20 ft. lbs.

Tubular (stainless steel):

all bolts—26 ft. lbs.

⑩ 1986-87: 95 ft. lbs.

⑪ 1979-87: 85 ft. lbs.

⑫ 1986-87: stainless steel man.—40 ft. lbs.

cast iron man.—18 ft. lbs.

⑬ 1985-87: 1st 20

2nd 50

3rd ¼ turn

⑭ 1986-87: 200 ft. lbs.

⑮ 1986-87: 30 ft. lbs.

⑯ Center two bolts: 26 ft. lbs.

All others: 20 ft. lbs.

⑰ Inner: 110

Outer: 100