


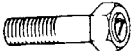
ENGINE/TRANSMISSION			
Part	Part Bolted To	Torque	
		ft-lb	N-m
Cylinder Head	Cylinder	7	10
Cylinder Nut	Crankcase	7	10
Camshaft Holder	Cylinder Head	18	24
Bevel Drive Gear (Utility)	Driveshaft	72	98
Magneto Rotor/Flywheel	Crankshaft	47	64
Bevel Driven Gear (Utility)	Driven Shaft	72	98
Output Drive Sprocket Lock Plate (DVX)	Driveshaft	43	59
Crankcase Cap Screw	Crankcase	8	11
Engine Oil Screen/Filter Cap	Crankcase	11	15
Shift Cam Stopper Plug* (Utility)	Left Case	20	27
Shift Cam Stopper Plug* (DVX)	Transmission Case	35	48
Camshaft Chain Tensioner Adjuster	Cam Chain Tensioner	9	12
Cam Chain Tensioner Cover Bolt	Tensioner	24 in.-lb	3
Starter Ratchet	Crankshaft	68	92
Camshaft Chain Tensioner Mount	Cylinder Head	9	12
Camshaft Chain Tension Spring Holder Plug	Cam Chain Tensioner	36 in.-lb	4
Starter Ratchet	Crankshaft	68	93
Centrifugal Clutch Housing	Driveshaft	40	54
Timing Plug	Right Case	16	22
Driven Pulley Retaining Nut	Driven Shaft (Transmission)	43	59
Drive Plate Nut*	Fixed Driven Face	43	59
Drive Pulley Nut	Crankshaft	72	98
Engine Oil Drain Plug	Crankcase	21	29
Transmission Drain Plug	Transmission	21	29
Transmission Case Cover	Transmission	20	27

\* w/Red Loctite #271

## Torque Conversions (ft-lb/N-m)

ft-lb	N-m	ft-lb	N-m	ft-lb	N-m	ft-lb	N-m
1	1.4	26	35.4	51	69.4	76	103.4
2	2.7	27	36.7	52	70.7	77	104.7
3	4.1	28	38.1	53	72.1	78	106.1
4	5.4	29	39.4	54	73.4	79	107.4
5	6.8	30	40.8	55	74.8	80	108.8
6	8.2	31	42.2	56	76.2	81	110.2
7	9.5	32	43.5	57	77.5	82	111.5
8	10.9	33	44.9	58	78.9	83	112.9
9	12.2	34	46.2	59	80.2	84	114.2
10	13.6	35	47.6	60	81.6	85	115.6
11	15	36	49	61	83	86	117
12	16.3	37	50.3	62	84.3	87	118.3
13	17.7	38	51.7	63	85.7	88	119.7
14	19	39	53	64	87	89	121
15	20.4	40	54.4	65	88.4	90	122.4
16	21.8	41	55.8	66	89.8	91	123.8
17	23.1	42	57.1	67	91.1	92	125.1
18	24.5	43	58.5	68	92.5	93	126.5
19	25.8	44	59.8	69	93.8	94	127.8
20	27.2	45	61.2	70	95.2	95	129.2
21	28.6	46	62.6	71	96.6	96	130.6
22	29.9	47	63.9	72	97.9	97	131.9
23	31.3	48	65.3	73	99.3	98	133.3
24	32.6	49	66.6	74	100.6	99	134.6
25	34	50	68	75	102	100	136

## Tightening Torque (General Bolts)

Type of Bolt	Thread Diameter A (mm)	Tightening Torque
(Conventional or 4 Marked Bolt) 	5	12-36 in.-lb
	6	36-60 in.-lb
	8	7-11 ft-lb
	10	16-25 ft-lb
(7 Marked Bolt) 	5	24-48 in.-lb
	6	6-8 ft-lb
	8	13-20 ft-lb
	10	29-43 ft-lb