

Description	Shaft Diameter x thread pitch (mm)	Length (mm)	Thread Length (mm)	Head Size	Hardness
A/C Belt Tensioner					
(1x) hex cap nut to hold pulley/bearing onto bracket	10 x 1.25				
(1x) bolt + lock + 22mm washer	8 x 1.25	20	13	12	4
(1x) bolt + lock + 22mm washer (longer bolt = slip bolt) (both bolts are notched at end with slight taper)	8 x 1.25	25	18	12	4
A/C Compressor attachment to Mounting Bracket					
(4x) long bolts + lock + 18mm washer	8 x 1.25	100	20	12	7
A/C Compressor Mounting Bracket					
(2x) long bolts + lock + 22mm washer (upper bolts)	10 x 1.25	60	22	14	7
(2x) short bolts + lock + 22mm washer (lower bolts)	10 x 1.25	25	17	14	7
Alternator Mount Bracket to Water Pump					
(1x) hex cap bolt	8 x 1.25	65	21	12	7
Balance Shaft Sprocket - Front Upper to balance shaft					
(1x) hex cap nut + 24mm washer (2mm thick)	8 x 1.25	16	14	12	10
Balance Shaft - Rear Lower to Oil Pump Driven Gear					
(1x) hex cap bolt	8 x 1.25	16	14	12	10
Battery Tray					
(3x) short bolts	8 x 1.25	20	13	12	4
(1x) longest bolt - closest to firewall and engine	8 x 1.25	25	18	12	7
Brake Fluid Reservoir					
1) the longer bolt passenger side (lock washer on first then 18mm reg. washer)	8 x 1.25	25	18	12	7
2) the shorter bolt with lock washer	8 x 1.25	16	11	12	4

Description	Shaft Diameter	Length	Thread	Head	Hardness
	x thread pitch (mm)	(mm)	Length (mm)	Size	
Camshaft Bearing Caps to Head					
6 bearing caps x 2 camshafts = 12 caps x 2 bolts = 24 bolts (24x) hex cap bolts	8 x 1.25	38	20	12	7
Cam Angle Sensor Plate to Camshaft Sprocket					
(4x) Phillips head screws + lock washer	5 x 0.8	10	7	+	+
Camshaft Sprockets (Cam Gears) to Camshafts					
(2x) hex cap bolts 65 ft. lbs	12 x 1.25	30	24	17	7
Clutch Accumulator					
(3x) bolts + lock + 18mm washer	8 x 1.25	20	13	12	4
Clutch Slave Cylinder					
(2x) bolts + lock + 14mm washer	8 x 1.25	55	19	12	4
Coolant Overflow Tank to Frame					
1) bolt with 16mm washer under air cleaner (not original bolt)	8 x 1.25	20	20	13	SS
2) bolt with lock washer and 18mm reg. washer	8 x 1.25	16	9	12	4
Coolant Tube (big metal one next to front of block)					
(connects water pump to thermostat housing, water pipe)					
(1x) hex cap bolt - this bolt attaches tube to the block	8 x 1.25	12	10	12	4
Downpipe (2.5" Buschur) to Catalytic Converter Gasket					
1-2) 2 bolts (red coated ones) + lock washers + nuts	10 x 1.5	30	30	17	8.8
Downpipe (2.5" Buschur) to EVO III O2 Housing Gasket					
1-2) 2 nuts and 2 washers (the length is for the studs) (that attach to the studs on the turbo O2 housing)	12 x 1.25	28	24	-	-
End Plate - Flywheel Side					
(3x) hex cap bolts	6 x 1.0	14	14	10	7
(2x) hex cap bolts	6 x 1.0	12	12	10	7

Description	Shaft Diameter	Length	Thread	Head	Hardness
	x thread pitch		Length	Size	
	(mm)	(mm)	(mm)		
Emissions Bracket on Back of Intake Manifold					
(vacuum connectors to throttle body)	6 x 1.0	10	10	10	7
(2x) hex cap bolts					
Emissions Bracket on Firewall					
(2x) bolts	6 x 1.0	30	22	10	4
(lock washer on first then 18mm reg. washer)					
Exhaust Manifold Heat Shield - Lower					
(5x) hex cap bolts	8 x 1.25	12	12	12 ?	
Exhaust Manifold Heat Shield - Upper					
(3x) hex cap bolts	8 x 1.25	12	12	12 ?	
Exhaust Manifold to Head					
(7x) nuts (small) lengths are for the studs 20 ft. lbs	8 x 1.25	28	20	12 ?	
28mm is how far stud sticks out from block					
(5x) 18mm washers					
(1x) 22mm washer 1/16" thick ???					
(1x) 22mm washer 1/8" thick ???					
(2x) nuts (large) with 20mm washers 21 ft. lbs	10 x 1.25	28	22	14 ?	
Flywheel					
(7x) bolts	12 x 1.25	21	13	17	11
Flywheel Lower Cover Plate					
1-3) 3 bolts, all the same with lock washers	6 x 1.0	12	8	10	7
4) bigger, longer bolt with lock washer	8 x 1.25	18	13	12	7
Flywheel Upper Cover Plate					
(2x) hex cap bolts	6 x 1.0	10	9	10	7

Description	Shaft Diameter	Length	Thread	Head	Hardness
	x thread pitch		Length	Size	
	(mm)	(mm)	(mm)		
Front Case to Block (or belt side end plate)	8 x 1.25	?	?	?	?
17 ft. lbs.					
Fuel Pressure Regulator					
(2x) bolts + lock washers	6 x 1.0	12	8	10	7
Fuel Rail feed line attachment					
(2x) bolts + lock washers and Phillips head on hex top	6 x 1.0	16	12	10 +	
Fuel Rail to Head					
(3x) round black plastic spacers 10mm thick 22mm diameter					
(3x) hex cap bolts + lock washers	8 x 1.25	65	20	12	4
8.7 ft. lbs. (104.4 in. lbs.)					
Fuse Box L - Bracket					
Qty: 4 - Lock washer on first then 13mm reg. washer	6 x 1.0	16	12	10	4
(bolt has a notch on end)					
Head Bolts					
(10x) 12-point bolts = 22mm washers (2mm thick)	11 x 1.25	98	29	12	none
Hood (attachment to hinge)					
(4x) bolts + lock + 18mm washer	8 x 1.25	18	11	12	4
(all bolts and washers painted to match exterior of car)					
Intake Manifold to Head					
(7x) bolts + lock 14 ft. lbs.	8 x 1.25	28	19	12	7
(2x) nuts + lock to go on studs 26 ft. lbs	10 x 1.25	29	22	14 ?	
(2nd stud is 30mm not 29mm)					
(1x) bolt + lock 26 ft. lbs	10 x 1.25	30	22	14	7
(Thicker bolt and 1 larger nut goes on motor lift bracket)					
Intake Manifold Support Bracket					
(3x) hex cap bolts 22 ft. lbs.	10 x 1.25	16	14	14	4

Description	Shaft Diameter	Length	Thread	Head	Hardness
	x thread pitch (mm)	(mm)	Length (mm)	Size	
Motor Mount - Front - Bracket on Tranny					
1-2) bolts with lock washers	12 x 1.25	30	23	17	7
Motor Mount - Passenger					
1) long bolt through bushing (with cap nut on other end)	12 x 1.25	95	24	17	7
2-5) 4 cap nuts to hold motor mount to bracket on tranny	12 x 1.25				
Motor Mount - Passenger - Bracket on Tranny					
1-2) bolts with lock washers	12 x 1.25	30	23	17	7
Motor Mount - Rear					
1) long bolt through bushing (with lock washer & nut) (pointed at end for 6mm with no threads at end)	10 x 1.25	90	29	14	7
2-4) 3 bolts attaching mount to frame (tapered ends starting at 5mm, lock washer)	10 x 1.25	25	22	14	7
Motor Mount - Rear - Bracket on Tranny					
1-3) 3 bolts with lock washers	12 x 1.25	30	23	17	7
Oil Dipstick to Block Unknown					
10 ft. lbs.					
Oil Pan to Block					
(16x) hex cap bolts (no threads at end until 3mm)	6 x 1.0	13	13	10	7
(3x) hex cap bolts (go on belt end of block)	6 x 1.0	7	6	10	7
Oil Pickup					
gasket					
(2x) bolts + lock washers 14 ft. lbs.	8 x 1.25	20	16	12	7
Oil Pump Sprocket to Oil Pump Drive Gear					
(usually called the lower/rear balance shaft sprocket)					
(1x) hex cap nut	10 x 1.25	14?	RECHECK	14	

Description	Shaft Diameter	Length	Thread	Head	Hardness
	x thread pitch (mm)	(mm)	Length (mm)	Size	
Plastic fender well, passenger side, transmission cover					
1-2) 2 bolts, both the same, slight taper with notch (lock washer on first, then 22mm washer)	8 x 1.25	20	12	12	4
Plastic Fender Well, Passenger Side, Intercooler Cover					
(uncertain as to the original bolt length and hardness)					
(replace these with SS bolts with similar length)					
1-2) 2 bolts with 25mm (or 1") washer	6 x 1.00	16	15	10 SS	
3-7) black plastic Phillips head snaps					
Plastic Fender Well, Driver Side, Belt-Side Engine Cover					
(replace these with SS bolts with similar length)					
1-3) 3 bolts, all the same, slight taper with notch (lock washer on first, then 22mm washer)	8 x 1.25	20	12	12	4
Plastic Fender Well, Driver Side, the Big Piece					
1-4) coarse screws, hex cap with Phillips (pointed - last 5mm, threads down to point) (these are the longer screws that go at the fender edge starting at rear of well & go forward to stop at 9 o'clock) (13mm washer)	6 x 1.75	20	19	10 ???	
5-8) cap bolts with integrated washer 17mm	6 x 1.00	10	10	10	4
(9-13) black plastic "snaps" with Phillips head plastic screws (rounded at end for 2mm)	6 x 1.00	16	16		
Power Steering Pump to Mounting Bracket					
1) passenger side long adj. bolt in back (lock + 18mm washer)	8 x 1.25	45	20	12	7
2) passenger side - lower front short bolt	8 x 1.25	22	14	12 -	
3) driver side - top short adj. bolt	8 x 1.25	22	14	12 -	
4) driver side - bottom short bolt	8 x 1.25	22	14	12 -	
(bolts 2-4 have lock washers + 16mm reg. washers and Phillips on hex head)					

Description	Shaft Diameter	Length	Thread	Head	Hardness
	x thread pitch (mm)	(mm)	Length (mm)	Size	
Radiator					
2 metal brackets with large grommets to hold radiator					
- each bracket has 2 bolts					
- 4 bolts with lock washer on first then 18mm reg. washer	8 x 1.25	20	13	12	4
Rod to Crank (x4)					
1 - 2) studs + hex cap nuts	8 x 1.00	26			
- stud sticks out 35mm					
- threads start 4mm away from end					
Shift Cable Bracket					
1-2) 2 bolts	8 x 1.25	25	20	12	7
(lock washer on first, then 22mm stepped washer,					
stepped part is 14mm dia. 2mm tall - appears to have a					
rubber edge on it)					
(washer on other side of cable before bracket 22mm)					
Shift Cable Cotter Pins					
Qty: 2 - 34mm long about 1mm thick					
Speed Sensor					
1) on Transmission on top next to rear motor mount	6 x 1.0	25	18	10	4
(lock washer on first then 22mm reg. washer)					
Starter					
1) Lower Bolt	10 x 1.25	65	22	14	8
2) Upper, Shorter bolt with wire holder	10 x 1.25	60	22	14	7
Thermostat Housing to Block (*Head)					
(3x) hex cap bolts	8 x 1.25	25	19	12	7
(1x) hex cap bolts (bottom right one)	8 x 1.25	50	20	12	7
(you will need to remove the thermostat elbow to get					
the bottom right bolt out)					

Description	Shaft Diameter	Length	Thread	Head	Hardness
	x thread pitch (mm)	(mm)	Length (mm)	Size	
Throttle Body Elbow to Throttle Body					
gasket					
1-2) 2 long bolts with lock washers - front upper & lower	8 x 1.25	75	19	12	7
3-4) 2 nuts with lock washers - rear upper and lower	8 x 1.25				
Throttle Cable Bracket on back of Intake Manifold					
1-2) 2 bolts, with notch on end	6 x 1.0	16	11	10	4
lock washer on first then 13mm reg. washer					
(ground strap is connected under bolt closest to the driver side then attached to firewall)					
Timing Belt Cover - Lower					
(6x) hex cap bolts	6 x 1.0	18	17	10	7
(1x) hex cap bolt - longest one (#8 on diagram)	6 x 1.0	28	18	10	7
(2x) bolt + lock + 18mm washer (#7 & #10 on diagram)	6 x 1.0	25	17	10	7
Timing Belt Cover - Middle					
(3x) hex cap bolts	6 x 1.0	18	17	10	7
(1x) hex cap bolt - bracket on rear to hold electrical plugs	6 x 1.0	28	17	10	7
Timing Belt Cover - Upper					
(2x) hex cap bolts	6 x 1.0	16	16	10	7
(1x) hex cap bolt - longest one (#2 on diagram)	6 x 1.0	45	19	10	7
Transmission to Block Bolts					
(Not counting the Starter Bolts)					
Head is on Passenger Side					
1) Closest to Firewall (with wire holder)	10 x 1.25	40	22	14	7
2) Slightly pointed (threads go down to the point)	10 x 1.25	43	27	14	7
3) Same as bolt #1	10 x 1.25	40	22	14	7
4) The long bolt (down low in front)	10 x 1.25	60	22	14	7
Head is on Driver's side					
1) On bottom of engine next to driver-side differential	8 x 1.25	60	20	12	10
(lock washer on first then 18mm reg. washer)					

Description	Shaft Diameter	Length	Thread	Head	Hardness
	x thread pitch (mm)	(mm)	Length (mm)	Size	
Turbo Oil Drain Line to Oil Pan					
(2x) bolts + lock + 18mm washer	6 x 1.0	25	18	10	7
Turbo Oil Supply Line to Head					
(1x) banjo bolt + (2x) 16mm copper washers	10 x 1.25	20	12	17	none
Turbo to Exhaust Manifold (Big16G turbo)					
(3x) hex cap bolts + (2x each) 20mm washers	10 x 1.25	80	22	14	11
(bolts are tapered at end for last 2mm w/o threads)					
20-22 ft. lbs + 60 to 70 degrees more					
(1x) hex cap nut + 20mm washer to go on stud	10 x 1.25				
20-22 ft. lbs + 60 to 70 degrees more					
Valve Cover to Head					
Inner Bolts					
(6x) bolts + lock washers	6 x 1.0	22	18	10	7
- plus 2-wire holder attached to one bolt					
Outer bolts					
(8x) bolts + lock washers	6 x 1.0	25	17	10	7
Water Pump					
(1x) hex cap bolt	8 x 1.25	25	21	12	4
(1x) hex cap bolt	8 x 1.25	14	12	12	4
(2x) hex cap bolts	8 x 1.25	22	20	12	4
Water Pump Pulleys to Water Pump					
larger pulley is on outside, both pulleys cupped inward					
large pulley = 140mm dia. (5.5")					
small pulley = 95mm dia. (3.75")					
(4x) bolts + lock washers	6 x 1.0	14	10	10	7
Wheel Nut	22 x 1.5	32			
Cotter Pin 48mm long					
Description	Shaft Diameter	Length	Thread	Head	Hardness
	x thread pitch (mm)	(mm)	Length (mm)	Size	
Wiring Harness to Intake Manifold (plastic holder)					
2 thin metal U-shaped clips to hold electrical plugs on					
2 bolts with lock washers and 13mm reg. washers	6 x 1.0	16	11	10	4
(bolts are tapered 3mm at end plus notched)					
Y-Plate					
1 - 4) 4 bolts with lock washers, see image	10 x 1.25	22	16	14	10
5) The long bolt, see image	10 x 1.25	74	26	14	10
(lock washer on first, then 22mm reg. washer					