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Description	Bolt Size x Thread Pitch	Length (mm)	Head Size	Head Mark	Torque (ft-lbs)	Torque (N-m)
=====						
A/C Belt Tensioner						
-Locking Nut						
	M10 x 1.25	-----	14	-----	24-36	32-48
-Tensioning Bolt	M8 x 1.25	110	14	-----	-----	-----
A/C Belt Tensioner Bracket	M8 x 1.25	25	12	7	17-19	23-27
A/C Compressor to Mounting Bracket	M8 x 1.25	100	12	-----	17-19	23-27
A/C Compressor Mounting Bracket to Engine Block						
-Top 2 bolts	M10 x 1.25	65	14	7	33-39	45-55
-Bottom 2 bolts	M10 x 1.25	25	14	7	33-39	45-55
A/C Lines to Compressor Bolts	M8 x 1.25	30	12	7	-----	-----
Air Canister Bolt	M6 x 1.00	25	10	7	6-7	8-10
Air Canister Mounting Bracket Bolt (1990)	M8 x 1.25	16	12	4	9-11	12-15
Air Canister Mounting Bracket Bolt (1991-1994)	M8 x 1.25	20	12	4	9-11	12-15
Air Canister Nut	M6 x 1.00	-----	10	-----	6-7	8-10
Alternator Locking Bolt (flange)						
1990-1993 Talon and Laser, Manual Eclipse	M8 x 1.25	40	12	4	9-11	12-15
1994 Talon and Laser, Auto Eclipse	M8 x 1.25	38	12	-----	9-11	12-15
Alternator Mount Bracket to Water Pump (flange)	M8 x 1.25	65	12	7	11-16	15-22
Alternator Pivot Bolt (square head) and Nut						
1990-1993 Talon and Laser, 1990 Eclipse	M8 x 1.25	116	12	-----	15-18	20-25
1994 Talon and Laser, 1991-1994 Eclipse	M8 x 1.25	118	12	-----	15-18	20-25
Alternator Tension Bolt (flange)	M8 x 1.25	80	12	7	6-9	8-12
Auto-Cruise Control Mounting Bracket to Frame	M8 x 1.25	16	12	12	7-10	9-14
=====						
Description	Bolt Size x Thread Pitch	Length (mm)	Head Size	Head Mark	Torque (ft-lbs)	Torque (N-m)

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Auto-Cruise Control Unit to Bracket Nut (washer assembled with 14mm OD washer)	M6 x 1.00	-----	10	-----	3-4	4-6
Axle Nut	M22 x 1.50	-----	32	-----	144-188	200-260
Balance Shaft Belt Tensioner Pulley Bolt (washer assembled)	M8 x 1.25	45	12	7	11-16	15-22
Balance Shaft - Rear to Oil Pump Driven Gear (flange)	M8 x 1.25	16	12	10	25-29	34-40
Balance Shaft Sprocket - Front Upper to balance shaft (flange)	M8 x 1.25	16	12	10	31-35	43-49
Battery Tie-Down to Frame (with plain washer)	M6 x 1.00	25	10	7	1.5-2	2-3
Battery Tie-Down to Tray (L-bolt)	M8 x 1.25	214	12	-----	1.5-2	2-3
Battery Tray (washer assembled)	M8 x 1.25	20	12	4	7-14	9-14
BOV flange bolts (turbo)	M8 x 1.25	25	12	7	14-20	20-27
BOV to Air Canister Bracket (1990, turbo) (washer assembled)	M8 x 1.25	20	12	4	11-16	15-22
BOV to Air Canister (1991+, turbo) (washer assembled)	M8 x 1.25	25	12	-----	11-16	15-22
BOV to Intercooler Piping (turbo) (washer assembled)	M8 x 1.25	25	12	7	11-16	15-22
Brake Fluid Reservoir to Firewall (washer assembled)	M8 x 1.25	16	12	4	7-10	9-14
Brake Master Cylinder Nuts (with spring washers)	M8 x 1.25	-----	12	-----	6-9	8-12
Camshaft Angle Sensor to Head Nut (flange type and flat washer)	M8 x 1.25	-----	12	-----	7-9	10-13
Camshaft Bearing Caps to Head (flange bolts)	M8 x 1.25	38	12	7	14-15	19-21
Camshaft Sprockets (Cam Gears) to Camshafts (flange)	M12 x 1.25	30	17	7	58-72	80-100
Carrier Bearing (Intermediate or Half Shaft) to Engine Block Bolts, AWD (with spring washers, special - SEE LINK)	M10 x 1.25	41.5	14	7	26-33	36-46
Description	Bolt Size x Thread Pitch	Length (mm)	Head Size	Head Mark	Torque (ft-lbs)	Torque (N-m)

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Clutch Line to Transmission (8.4mm washer)	M8 x 1.25	25	12	7	11-16	15-22
Clutch Master Cylinder Nut (washer assembled)	M8 x 1.25	-----	12	-----	7-11	10-15
Clutch Slave Cylinder Hydraulic Line Bolt (banjo, with crush washers)	M10 x 1.00	25	14	-----	18	25
Clutch Slave Cylinder Mounting Bolts (washer assembled)	M8 x 1.25	28	12	7	11-16	15-22
Coil Pack Mounting Bolt (flange)	M8 x 1.25	16	12	7	14-20	20-27
Condenser Fan Mounting Bolt (driver side)	M6 x 1.00	12	10	4	4-6	6-8
Connecting Rod Bolt and Nut (6-bolt)	M9 x 1.25	~51	14	-----	37-39	50-53
Connecting Rod Bolt and Nut (7-bolt)	M8 x 1.25	55.1	12	-----	14+90°	20+90°
Coolant Feed Line to Turbocharger, Automatic Transmission, 13G (banjo)	M12 x 1.25	23	17	-----	20-25	28-34
Coolant Feed Line to Turbocharger, Manual Transmission, 14B and 16G (banjo)	M14 x 1.50	27	19	-----	25-36	35-50
Coolant Line Oil Cooler Feed to Compressor Housing (turbo), (flange)	M6 x 1.00	12	10	7	7-9	10-12
Coolant Line Oil Cooler Feed to Downpipe Support Bracket (turbo), (flange)	M6 x 1.00	12	10	7	7-9	10-12
Coolant Line Oil Cooler Feed to Engine Block (turbo) Mounting Bolt, (flange)	M6 x 1.00	12	10	7	9-11	12-15
Coolant Return Line from Turbocharger, Automatic Transmission, 13G (banjo)	M12 x 1.25	23	17	-----	20-25	28-34
Coolant Return Line from Turbocharger, Manual Transmission, 14B and 16G (banjo)	M14 x 1.50	27	19	-----	25-36	35-50
Coolant Return Line to Coolant Tube / Water Pipe (turbo) (compression fitting)	M16 x 1.50			-----	29-36	40-50
Coolant Tube to Engine Block (Water Pipe, big metal one in front of block) (flange)	M8 x 1.25	12	12	4	9-11	12-15
Crankshaft Main Engine Bolts (6-bolt) (flange)	M10 x 1.25	69	17	10	47-51	65-70

  

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=====						
Crankshaft Main Engine Bolts (7-bolt) (flange)						
7x, large head	M10 x 1.25	70	17	9 or b	18→+90 to 100°	22→+90 to100°
2x, small head	M10 x 1.25	70	14	9 or b	18→+90 to 100°	22→+90 to100°
1x, for oil pickup (strainer) support nut	M10 x 1.25	70	-----	-----	18→+90 to 100°	22→+90 to100°
Crankshaft Pulley (x4)	M8 x 1.25	25	12	8	14-22	20-30
Crankshaft Sprocket (1/2" drive in head)	M14 x 1.50	40	22	-----	80-94	110-130
Downpipe to Exhaust Manifold (non-turbo) nuts	M10 x 1.25	-----	17	-----	22-29	30-40
Downpipe to O2 Housing (turbo) nuts (self-locking)	M12 x 1.25	-----	19	-----	29-43	40-60
Downpipe to Support Bracket (washer assembled)	M10 x 1.25	35	14	-----	22-29	30-40
Downpipe Support Bracket to Engine Block (washer assembled, 6-bolt)	M10 x 1.25	18	14	7	22-30	30-42
Downpipe Support Bracket to Engine Block (washer assembled, 7-bolt)	M10 x 1.25	20	14	-----	22-30	30-42
EGR Valve (washer assembled)	M8 x 1.25	50	12	7	11-16	15-22
Emissions Solenoid Bracket on Firewall (washer assembled)	M6 x 1.00	16,20,30		10	----- 7-9	10-12
Exhaust Manifold to Head Studs (Length indicates the portion that extrudes from the head, total length is about 40mm)						
6-bolt (all), 7-bolt (7x) inner	M8 x 1.25	28	12	-----	18-22	25-30
7-bolt (2x) outer	M10 x 1.25	28	14	-----	18-22	25-30
Exhaust Manifold Heat Shield (flange)	M8 x 1.25	12	12	-----	9-11	12-15
Exhaust Manifold to Turbo Bolt (flange, with 1x Belleville or spring washer per bolt)	M10 x 1.25	80	14	-----	40-47	55-65
Exhaust Manifold to Turbo Nut (jam or flange, with 1x Belleville or spring washer)	M10 x 1.25	-----	14	-----	40-47	55-65
=====						
Description	Bolt Size x Thread Pitch	Length (mm)	Head Size	Head Mark	Torque (ft-lbs)	Torque (N-m)

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Description	Bolt Size x Thread Pitch	Length (mm)	Head Size	Head Mark	Torque (ft-lbs)	Torque (N-m)
Flex (Drive) Plate to Crankshaft, 6-bolt	M12 x 1.25	17	17	-----	94-101	130-140
Flex (Drive) Plate to Crankshaft, 7-bolt	M12 x 1.25	11.7	17	-----	94-101	130-140
Flywheel, 6-bolt (flange)	M12 x 1.25	22.5	19	11	94-101	130-140
Flywheel, 7-bolt (flange)	M12 x 1.25	21.2	17	11	94-101	130-140
Flywheel Lower Cover Plate (Inspection Cover) (6-bolt) to Block (washer assembled)	M6 x 1.00	12	10	-----	7-9	10-12
Flywheel Lower Cover Plate (Inspection Cover) (7-bolt) to Block (flange)	M6 x 1.00	10	10	-----	7-9	10-12
Flywheel Lower Cover Plate (Inspection Cover) to Transmission (flange)	M8 x 1.25	12	12	-----	7-9	10-12
Flywheel Upper Cover Plate (Starter Plate) to Block (flange)	M6 x 1.00	10	10	-----	7-9	10-12
Flywheel Upper Cover Plate (Starter Plate) to Transmission (flange)	M8 x 1.25	12	12	-----	7-9	10-12
Front Case (Oil Pump) to Block (6-bolt) SEE LINK FOR DIAGRAM						
4x, three around front balance shaft, other is on top and to the far right (flange)	M8 x 1.25	20	12	7	14-16	20-22
1x, down and to the left of largest (flange)	M8 x 1.25	40	12	7	14-16	20-22
1x, largest (flange)	M10 x 1.25	30	14	4	20-25	27-34
1x, on bottom and to the far right (flange)	M8 x 1.25	25	12	7	14-16	20-22
Front Case (Oil Pump) to Block (7-bolt) SEE LINK FOR DIAGRAM						
- The below do not include OFH, hydraulic tensioner, or balance shaft bolts						
3x, two around front balance shaft, other down and to the right of right-most hydraulic tensioner bolt	M8 x 1.25	20	12	7	14-20	20-27
1x, down and to the left of right-most hydraulic tensioner bolt	M8 x 1.25	20or22	12	7	14-20	20-27
1x, second bolt along top from right side	M8 x 1.25	40	12	7	14-20	20-27
1x, first bolt along top from right side	M8 x 1.25	25	12	7	14-20	20-27
1x, on bottom and to the far right	M8 x 1.25	32	12	7	14-20	20-27
Fuel Feed Line to Rail (washer assembled, Phillip's head on hex top)	M6 x 1.00	16	10	-----	3-4	4-6
Description	Bolt Size x Thread Pitch	Length (mm)	Head Size	Head Mark	Torque (ft-lbs)	Torque (N-m)

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Fuel Filter Lower (Inlet) Bolt (compression fitting)	M14 x 1.50	-----	14	-----	22-29	30-40
Fuel Filter Mounting Bracket to Firewall Bolt	M8 x 1.25	14	12	4	7-10	9-14
Fuel Filter to Mounting Bracket Bolt (	M8 x 1.25	25	12	4	7-10	9-14
Fuel Filter Top (Outlet) Bolt (banjo)	M12 x 1.25	23	19	7	18-25	25-35
Fuel Pressure Regulator to Fuel Rail (washer assembled)	M6 x 1.00	12	10	7	5-8	7-11
Fuel Rail to Head (washer assembled)	M8 x 1.25	65	12	4	7-9	10-13
Fuse Box (Main) to Frame (washer assembled)	M6 x 1.00	16,20	10	4	7-9	10-13
Fuse Box Bracket (A/C) (washer assembled)	M6 x 1.00	16	10	4	7-9	10-13
Head Bolts (6-bolt) (10 mm hex socket or Allen tool)	M12 x 1.25	84	-----	-----	65-72	90-100
Head Bolts (7-bolt) (12-point 12 mm socket)	M11 x 1.25	97	12	-----	58→0→ 14→+90° → +90°	78→0→ 20→+90° → +90°
Hood (attachment to hinge), 1990 (washer assembled)	M8 x 1.25	20	12	4	7-10	9-14
Hood (attachment to hinge), 1991-1994 (washer assembled)	M8 x 1.25	18	12	4	7-10	9-14
Hood hinge to frame bolt (washer assembled)	M8 x 1.25	25	12	7	12-19	17-26
Hood hinge to frame nut (washer assembled)	M8 x 1.25	-----	12	-----	7-10	9-14
Injector Resistor Pack Mounting Bolt	M6 x 1.00	16	10	-----	7-9	10-12
Intake Manifold Support Bracket (flange)	M10 x 1.25	18	14	4	11-16	15-22
Intake Manifold to Head (7x, inner, small) (washer assembled)	M8 x 1.25	28	12	7	11-14	15-20
Intake Manifold to Head (1x, outer, large) (washer assembled)	M10 x 1.25	30	14	4	22-30	
Description	Bolt Size x Thread Pitch	Length (mm)	Head Size	Head Mark	Torque (ft-lbs)	Torque (N-m)

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Intake Manifold to Head (1x, outer, large) (washer assembled)	M10 x 1.25	30	14	4	22-30	30-42
Intake Manifold to Head Nut (with washer)	M10 x 1.25	-----	14	-----	22-30	30-42
Idle Speed Control Actuator / Motor Mounting Bolt	M5 x 0.80	12	8	-----	1.8-3.3	2.5-4.5
J-Pipe (washer assembled)	M8 x 1.25	20	12	7	7-10	9-14
Lash Adjuster Oil Delivery Body (flange)	M6 x 1.00	25	10	7	7-9	10-12
Main Oil Gallery Plug (on transmission side, 8mm hex head, USE SEALANT! SEE LINK)	3/8-19 ISO Tapered or 3/8 BSPT				43-54	60-75
Motor Mount Driver Side Bracket						
2x, nuts on studs above power steering pump (10.5mm plain washer and 10mm spring washer)	M10 x 1.25	-----	14	-----	36-47	50-65
2x, bolts into engine mount bracket on driver side of mount (washer assembled)	M10 x 1.25	73	14	10	36-47	50-65
2x, nuts holding through bolt, front side of frame (washer assembled)	M10 x 1.25	-----	14	-----	22-29	30-40
1x, nut for through bolt (with spring washer)	M12 x 1.25	-----	17	-----	43-58	60-80
1x, power steering line support bracket bolt	M8 x 1.25	16	12	4	11-16	15-22
1x, bolt for engine support stay; engine mount bracket to power steering mounting bracket	M8 x 1.25	25	12	7	12-19	17-26
1x, nut for engine support stay; engine mount bracket to power steering mounting bracket	M8 x 1.25	-----	12	-----	12-19	17-26
Motor Mount Driver Side Bracket to Engine Block						
Nut	M10 x 1.25	-----	14	-----	22-30	30-42
Upper Bolt	M10 x 1.25	25	14	7	22-30	30-42
Lower Bolt	M10 x 1.25	22	14	7	22-30	30-42
Description	Bolt Size x Thread Pitch	Length (mm)	Head Size	Head Mark	Torque (ft-lbs)	Torque (N-m)

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<b>Motor Mount Front Roll Stop</b>						
to engine block	M12 x 1.25	25	17	7	40-54	50-75
through bolt						
-manual transmission	M10 x 1.25	75	14	-----	29-36	40-50
-automatic transmission	M10 x 1.25	80	14	-----	29-36	40-50
to frame						
All FWD and one AWD	M10 x 1.25	25	14	-----	29-36	40-50
AWD lower through bolt	M10 x 1.25	60	14	-----	36-47	50-65
<b>Motor Mount Rear Roll Stop</b>						
to engine block (flange bolt)	M12 x 1.25	28.5	17	11	80-94	110-130
through bolt	M10 x 1.25	110	14	-----	29-36	40-50
to frame	M10 x 1.25	25	14	-----	29-36	40-50
<b>Motor Mount Transmission Bracket</b>						
to transmission	M12 x 1.25	30	17	7	43-58	60-80
through bolt	M12 x 1.25	100	17	7	43-58	60-80
to frame	M10 x 1.25	25	14	7	29-36	40-50
<b>Negative Battery Cable Ground Strap to Firewall (washer assembled)</b>						
	M6 x 1.00	16	10	4	7-9	10-12
<b>Oil Cooler Feed and Return Line Banjo Bolts (1990 Turbo Only, two crush washers each)</b>						
	M16 x 1.50	33	24	9	29-33	40-45
<b>Oil Filter Housing (all non-turbo and 6-bolt turbo)</b>						
2x, top two bolts (washer assembled)	M8 x 1.25	40	12	7	11-16	15-22
1x, bottom left bolt (washer assembled)	M8 x 1.25	75	12	7	11-16	15-22
1x, bottom right bolt (washer assembled)	M8 x 1.25	55	12	7	11-16	15-22
<b>Oil Filter Housing (Turbo 7-bolt), SEE LINK FOR DIAGRAM</b>						
2x, top left bolt and bottom right bolt (washer assembled)	M8 x 1.25	65	12	7	11-16	15-22
1x, top right bolt (washer assembled)	M8 x 1.25	40	12	7	11-16	15-22
1x, bottom left bolt (washer assembled)	M8 x 1.25	75	12	7	11-16	15-22
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=====						
Oil Filter Housing Plugs and Sensors Threads (Plugs are Hex heads)						
1/8 - 28 ISO TAPERED or 1/8 BSPT					5.8-8.7	8-12
3/8 - 19 ISO TAPERED or 3/8 BSPT			8mm hex		29-40	40-55
Oil Pan Drain Plug	M14 x 1.50	10	17	-----	25-33	35-45
Oil Pan to Block (1990 and early 1991, washer assembled, Phillip's head on hex top)						
2x, underneath timing belt	M6 x 1.00	10	10	-----	4-6	6-8
All others (17x)	M6 x 1.00	12	10	-----	4-6	6-8
Oil Pan to Block (late 1991+, flange)						
2x, underneath timing belt	M6 x 1.00	8	10	7	4-6	6-8
All others (17x)	M6 x 1.00	10	10	7	4-6	6-8
Oil Pickup (Strainer) to Main Bolt Nut (with spring washer)	M8 x 1.25	-----	12	-----	11-16	15-22
Oil Pickup (Strainer) to Oil Pump	M8 x 1.25	20	12	7	11-16	15-22
Oil Pump Inner Casing / Gear Housing Bolt (flange); 7-bolt has one flat head bolt	M8 x 1.25	20	12	4	11-13	15-18
Oil Pump Sprocket to Oil Pump Drive Gear Nut	M10 x 1.25	-----	14	-----	11-16	15-22
Oil Squirter (Jet) Banjo Bolt	M12 x 1.25	21	17	-----	22-25	30-35
Power Steering Engine Mount Bracket to Engine (washer assembled)						
Top Bolts	M10 x 1.25	40	14	8	37-50	50-70
Bottom Bolts	M10 x 1.25	25	14	8	37-50	50-70
Power Steering Mounting Bracket to Engine Mount Bracket (washer assembled, Phillip's head on hex top)	M8 x 1.25	20	12	-----	18-24	25-33
Power Steering Pump High Pressure Line JAM Nut	M12 x 1.25	-----	17	-----	10-15	14-21
Power Steering Pump Oil Heat Shield (Aluminum Plate) Flange Nut	M6 x 1.00	-----	10	-----	7-10	9-14
Power Steering Pump Mounting Bracket to Engine Mount Bracket	M8 x 1.25	20	12	-----	18-24	25-33
=====						
Description	Bolt Size x Thread Pitch	Length (mm)	Head Size	Head Mark	Torque (ft-lbs)	Torque (N-m)

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<b>Power Steering Pump to PS Mounting Bracket (all washer assembled)</b>						
-PS Belt Side Pivot bolts (1990)	M10 x 1.25	25	14	-----	25-33	35-45
-PS Belt Side Pivot bolts (1991-1994)	M10 x 1.25	30	14	-----	25-33	35-45
-PS Transmission Side mounting bolt	M10 x 1.25	25	14	-----	25-33	35-45
-Engine Mount Bracket to Engine support stay for driver side Engine Mount Bracket nut (with lock washer)	M8 x 1.25	-----	12	-----	12-19	17-26
Power Steering Reservoir Bracket to Frame Bolt	M8 x 1.25	16	12	4	7-10	9-14
Power Steering Reservoir Mounting Bolt (washer assembled)	M8 x 1.25	16	12	-----	7-10	9-14
Power Transistor Mounting Bolt (1990) (flange)	M6 x 1.00	14	10	7	7-9	10-12
Power Transistor Mounting Bolt (1991-1994) (flange)	M6 x 1.00	12	10	7	7-9	10-12
Pressure Plate Bolts (washer assembled)	M8 x 1.25	16	12	7	11-16	15-22
Radiator Fan Mounting Bolt (passenger side, washer assembled, Phillip's head on hex top)	M6 x 1.00	16	10	-----	4-6	6-8
Radiator Mounting Bracket Bolt (Gimlet)	M8 x 1.25	20	12	4	7-10	9-14
Rear Balance Shaft Check Bolt (flange)	M10 x 1.25	12	14	4	22-30	30-42
Rear Differential Case Drain Plug (magnetic)	M18 x 1.50	25	24	-----	43-51	60-70
Rear Differential Case Fill Plug	M16 x 1.50	12	24	-----	29-43	40-60
Rear Main Seal Case (6-bolt) (flange)	M6 x 1.00	16	10	7	7-9	10-12
Rear Main Seal Case (7-bolt) (flange)	M6 x 1.00	14	10	7	7-9	10-12
Shift Cable Bracket to Transmission	M8 x 1.25	18	12	7	11-16	15-22
Shift Cable Selector Shaft to Transmission	M8 x 1.25	18	12	7	11-15	15-22
Spark Plug Cover to Valve Cover Bolts (washer assembled, Phillip's head on hex top)	M6 x 1.00	15	10	-----	2-3	2.5-3.5
Description	Bolt Size x Thread Pitch	Length (mm)	Head Size	Head Mark	Torque (ft-lbs)	Torque (N-m)

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Description	Bolt Size x Thread Pitch	Length (mm)	Head Size	Head Mark	Torque (ft-lbs)	Torque (N-m)
<b>Speed Sensor to Transmission</b>						
	M6 x 1.00	14	10	7	2.5-3.5	3-5
<b>Starter Mounting Bolt (Manual transmission, both bolts)</b>						
	M10 x 1.25	65	14	7	20-25	27-34
<b>Starter Mounting Bolt (Non-turbo with Automatic Transmission, both bolts)</b>						
	M10 x 1.25	55	14	7	20-25	27-34
<b>Starter Mounting Bolt (Turbo, Automatic Transmission, firewall side)</b>						
	M10 x 1.25	55, 75	14	7	20-25	27-34
<b>Starter Mounting Bolt (Turbo, Automatic Transmission, radiator side)</b>						
	M10 x 1.25	55, 75	14	7	20-25	27-34
<b>Thermostat Housing to Head Nut (and spring washer)</b>						
	M8 x 1.25	-----	12	-----	12-14	17-20
<b>Thermostat Housing Plugs and Sensors Threads (USE SEALANT!)</b>						
	1/8 - 28 ISO TAPERED or 1/8 BSPT				5.8-8.7	8-12
	3/8 - 19 ISO TAPERED or 3/8 BSPT				29-40	40-55
<b>Throttle body (Non-Turbo)</b>						
2x, nuts, radiator side (with spring washer)						
	M8 x 1.25	-----	12	-----	11-16	15-22
1x, bolt, firewall side bottom						
	M8 x 1.25	55	12	7	11-16	15-22
1x, bolt, firewall side top						
	M8 x 1.25	30	12	7	11-16	15-22
<b>Throttle body (Turbo)</b>						
2x, bolts, firewall side (washer assembled)						
	M8 x 1.25	85	12	7	11-16	15-22
2x, nuts, radiator side (with spring washer)						
	M8 x 1.25	-----	12	-----	11-16	15-22
<b>Throttle Body Ground Strap</b>						
	M5 x 0.80	12	8	-----	1.1-1.8	1.5-2.5
<b>Throttle Cable Bracket on back of Intake Manifold</b>						
	M6 x 1.00	14	10	4	3-4	4-6
<b>Throttle Position Sensor</b>						
1990	M5 x 0.80	14	8	-----	1.1-1.8	1.5-2.5
1991-1994	M5 x 0.80	12	8	-----	1.1-1.8	1.5-2.5
<b>Timing Belt Cover (6-bolt) SEE DIAGRAM IN LINK</b>						
	M6 x 1.00	Vary	10	7	7-9	10-12
<b>Timing Belt Cover (7-bolt) SEE DIAGRAM IN LINK</b>						
	M6 x 1.00	Vary	10	7	6-7	8-10
<b>Timing Belt Hydraulic Tensioner (6-bolt, special) (flange)</b>						
	M8 x 1.25	51	12	7	14-20	20-27

  

Description	Bolt Size x Thread Pitch	Length (mm)	Head Size	Head Mark	Torque (ft-lbs)	Torque (N-m)
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Description	Bolt Size x Thread Pitch	Length (mm)	Head Size	Head Mark	Torque (ft-lbs)	Torque (N-m)
Timing Belt Hydraulic Tensioner	(7-bolt, special)	(flange)				
	M8 x 1.25	55	12	7	14-20	20-27
Timing Belt Idler Pulley Bolt						
Early '90 Models	M10 x 1.25	45	12	7	25-30	34-42
All others	M10 x 1.25	22	14	7	25-30	34-42
Timing Belt Inner Cover Bolts (Aluminum Plates)						
	(flange)					
	M6 x 1.00	10	10	7	7-9	10-12
Timing Belt Tensioner Arm Mounting Bolt						
	M8 x 1.25	16	12	7	14-20	20-27
Timing Belt Tensioner Pulley Bolt						
	M10 x 1.25	33	14	7	31-40	43-55
Torque Converter to Flex (Drive)	Plate Bolts	(6-bolt, special)				
	M10 x 1.50	11	-----	-----	33-38	46-53
Torque Converter to Flex (Drive)	Plate Bolts	(7-bolt, special)				
	M10 x 1.25	11	-----	-----	33-38	46-53
Transfer Case Drain Plug						
	M18 x 1.50	12	24	-----	22-25	30-35
Transfer Case Fill Plug						
	M16 x 1.50	16	17	-----	22-25	30-35
Transfer Case Mounting Bolts						
3x (M/T)	M12 x 1.25	130	17	7	40-43	55-60
2x (M/T)	M12 x 1.25	70	17	7	40-43	55-60
4x (A/T)	M12 x 1.25	70	17	7	43-58	60-80
2x (A/T)	M12 x 1.25	130	17	7	43-58	60-80
Transmission Drain Plug						
	M18 x 1.50	12	24	-----	22-25	30-35
Transmission (MT) Fill Plug						
	M16 x 1.50	16	17	-----	22-25	30-35
Transmission Mounting Bolts; for transmission mount bolts, see "Motor Mount Transmission Bracket"						
-Fitting through the block and threading into the transmission, firewall side (washer assembled)	M8 x 1.25	60	12	-----	22-25	30-35
-Fitting through the transmission, Intake Side (flange)	M10 x 1.25	40	14	7	31-40	43-55
-Fitting through the transmission, Exhaust Side Upper (flange)	M10 x 1.25	43.5	14	7	31-40	43-55
Description	Bolt Size x Thread Pitch	Length (mm)	Head Size	Head Mark	Torque (ft-lbs)	Torque (N-m)

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Description	Bolt Size x Thread Pitch	Length (mm)	Head Size	Head Mark	Torque (ft-lbs)	Torque (N-m)
Transmission Mounting Bolts; for transmission mount bolts, see "Motor Mount Transmission Bracket" (continued from previous page)						
-Fitting through the transmission, Exhaust Side Lower (flange)						
	M10 x 1.25	65	14	7	31-40	43-55
Transmission Reverse Sensor Hole						
	M14 x 1.50	-----	-----	-----	-----	-----
Turbo Coolant Feed Line at Turbo, Automatic Transmission, 13G (banjo with two crush washers)						
	M12 x 1.25	23	19	-----	20-25	28-34
Turbo Coolant Feed Line at Turbo, Manual Transmission, 14B and 16G (banjo with two crush washers)						
	M14 x 1.50	27	22	-----	25-36	35-50
Turbo Coolant Return Line at Turbo, Automatic Transmission, 13G (banjo with two crush washers)						
	M12 x 1.25	23	19	-----	20-25	28-34
Turbo Coolant Return Line at Turbo, Manual Transmission, 14B and 16G (banjo with two crush washers)						
	M14 x 1.50	27	22	-----	25-36	35-50
Turbo Oil Drain Line at Oil Pan (with crush washer)						
	M6 x 1.00	20	10	7	6-7	8-10
Turbo Oil Drain Line at Turbo (washer assembled)						
	M6 x 1.00	16	10	7	6-7	8-10
Turbo Oil Feed Line at Head (banjo with two crush washers)						
	M10 x 1.25	20	14	-----	10-14	14-19
Turbo Oil Feed Line at Turbo, Automatic Transmission, 13G (banjo with two crush washers)						
	M10 x 1.25	20	17	-----	10-14	14-19
Turbo Oil Feed Line at Turbo, Manual Transmission, 14B (banjo with two crush washers)						
	M12 x 1.25	23	19	-----	20-25	28-34
Turbo to O2 Housing Bolt (with plain washer)						
	M10 x 1.25	31	14	-----	40-47	55-65
Turbo to O2 Housing Nut (with plain washer)						
	M10 x 1.25	-----	14	-----	40-47	55-65
Upper Intercooler Pipe Mounting Bolt (1990)						
	M8 x 1.25	20	12	4	7-10	9-14
Valve Cover to Head (Inner, 1990-1993) (washer assembled)						
	M6 x 1.00	20	10	7	2-3	2.5-3.5
Valve Cover to Head (Inner, 1994) (washer assembled)						
	M6 x 1.00	22	10	7	2-3	2.5-3.5
Description	Bolt Size x Thread Pitch	Length (mm)	Head Size	Head Mark	Torque (ft-lbs)	Torque (N-m)

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Description	Bolt Size x Thread Pitch	Length (mm)	Head Size	Head Mark	Torque (ft-lbs)	Torque (N-m)
Valve Cover to Head (Outer) (washer assembled)	M6 x 1.00	25	10	7	2-3	2.5-3.5
Waste Gate to Turbo Charger	M8 x 1.25	16	12	7	7-9	10-13
Water Neck to Thermostat Housing	M8 x 1.25	25	12	7	12-14	17-20
Water Pump (all are flange bolts)						
1x, bolt, top left bolt	M8 x 1.25	30	12	4	9-10	12-15
1x, bolt, top right	M8 x 1.25	28	12	4	9-10	12-15
1x, bolt, farthest right	M8 x 1.25	14	12	4	9-10	12-15
1x, bolt, bottom right	M8 x 1.25	22	12	4	9-10	12-15
1x, bolt, bottom left; also alternator tensioner bracket mounting bolt	M8 x 1.25	65	12	7	15-19	20-27
Water Pump Pulley Bolts (washer assembled)	M6 x 1.00	14	10	7	6-7	8-10
Wiring Harness to Intake Manifold (plastic holder)	M6 x 1.00	14	10	4	3-4	4-6