

*See manual for installation procedure

Description	Notes
	INITIAL 150 LB.FT FINAL 90 DEGREES AFTER INITIAL
EXHAUST MANIFOLD BOLTS	20 LB.FT 40 LB.FT 80 LB.FT
INTAKE MANIFOLD BOLTS	30 LB.FT
TURBO MOUNTING BOLTS INLET TUBE	52 LB.FT STANDARD TORQUE
OIL PAN BOLTS	24 LB.FT
OIL PAN DRAIN PLUG	50 LB.FT
OIL SUCTION TUBE	20 LB.FT
OIL SUCTION TUBE BRACKET	46 LB.FT / M10X25
MAIN BEARINGS	INITIAL 100 LB.FT SECOND 130 LB.FT FINAL 90 DEGREES / YIELD
CONN RODS M12 BOLTS BEARING FIT INITIAL	80 LB.FT FINAL 120 NEW BOLTS/ 120 LB.FT
CONN RODS M11 BOLTS / BEARING FIT INITIAL	80 LB.FT FIRST 30 LB.FT FINAL ADDITIONAL 90 DEGREES
PISTON COOLING JETS	115 LB.FT
FLYWHEEL HOUSING / M12X50	80 LB.FT
FLEX PLATE	100 LB.FT
FLYWHEEL MOUNTING BOLTS	100 LB.FT
REAR ENGINE MOUNTING BRACKET	80 LB.FT
FUEL FILTER HOUSING CAP	18 LB.FT
FUEL INJECTOR HOLD DOWN	30 LB.FT
INJECTION PRESSURE REGULATOR	37 LB.FT
LOW PRESSURE FUEL PUMP	132-160 LB.IN
BRAKE CONTROL PRESSURE SENSOR	15-22 LB.FT
BRAKE PISTON ADJUSTMENT LOCK NUT	20 LB.FT
BRAKE SHUTOFF SOLENOID TINNEMANN NUT	5-8 LB.FT
BRAKE SHUT OFF VALVE	18-22 LB.FT
HIGH PRESSURE OIL RAIL BOLTS (M8X90)	20 LB.FT
PLUG ASSEMBLY M10	108 IN.LBS
PLUG ASSEMBLY M12	108 LB.IN
INJECTION CONTROL PRESSURE SENSOR	15-22 LB.FT
OIL PRESSURE RELIEF VALVE	30-35 LB.FT
RAIL END PLUG ASSEMBLY OR ATTENUATOR	150 LB.FT
AIR COMPRESSOR GEAR NUT	110 LB.FT
AIR COMP MOUNTING BOLTS (THRU FRONT COVER)	61 LB.FT
BRACKET BOLT TO AIR COMPRESSOR M10 X 25	49 LB.FT
BRACKET TO CRANKCASE M12 X 25	85 LB.FT
ELBOW ASSEMBLY M18	35 LB.FT
ELBOW ASSEMBLY M10	132 -141 LB.IN
HOSE CONNECTOR ASSEMBLY M18	35 LB.FT
POWER STEERING MOUNTING BOLTS	42 LB.FT
POWER STEERING PUMP DRIVE NUT	66 LB.FT
AUTOMATIC BELT TENSIONER ASSEMBLY	37 LB.FT
DAMPER RETAINING PLATE BOLTS	120 LB.FT
FAN DRIVE / HIGH MOUNT HORTON DRIVE MASTER	19 LB.FT
FAN DRIVE / MID MOUNT HORTON DRIVE MASTER	19 LB.FT
FAN DRIVE LOW MOUNT HORTON DRIVE MASTER	19 LB.FT
FAN SPACER RETAINING BOLT M10 X 20 BOLT ON ONLY	38 LB.FT
FRONT COVER MOUNTING BOLTS (REAR HALF)	19 LB.FT
FRONT ENGINE MOUNTING BRACKET BOLTS 4	284 LB.FT
HORTON DRIVE MASTER BEARING RETAINING NUT	130 LB.FT
LOWER IDLER GEAR MOUNTING BOLT	470 LB.FT

OIL PUMP AND ROTOR HOUSING M8 BOLTS	18 LB.FT
UPPER IDLER GEAR MOUNTING BOLT	240 LB.FT
VISCOUS OR RUBBER VIBRATION DAMPER BOLTS	40.LB.FT
WATER OUTLET TUBE ASSEMBLY AT CYLINDER HEAD	24 LB.FT
WATER OUTLET TUBE ASSMBLY AT FRONT COVER	24 LB.FT
WEAR PLATE (WATER PUMP)	60 LB.IN