

TORQUE SPECIFICATIONS: Follow sequence shown in illustration, torque all **bolts** in the following steps:

Torque to 25 ft. lbs. (34Nm.).

Torque to 50 ft. lbs. (68 Nm.).

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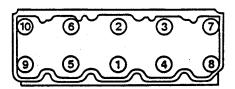
Finally, tighten an additional 90°.

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- Continued -

IMPORTANT: Consult the latest OEM torque specifications as changes may have taken place since this printing.

HEAD BOLTS



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HEAD GASKET

CLEAN MATING SURFACES of all foreign materials.

CHECK HEAD AND BLOCK for flatness. Refer to OEM manual to determine flatness tolerances and resurfacing limitations.

CLEAR ALL THREADED HOLES in the block by using a bottoming tap. Tap below the maximum bolt penetration to prevent bottoming.

PREPARE HEAD BLOTS: Lubricate the underside of every bolt head with oil. Determine which bolts extend into the coolant passages. Those entering the coolant passages require a Pliable non-hardening sealer on the threads. Those bolts not entering the coolant passages require oil on the threads.

IF BOLTS have a sealant pre-applied to the threads and underside of bolt head, simply install the bolts. ADDITIONAL SEAL-ANT/OIL IS NOT REQUIRED.



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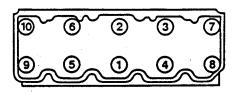
PREPARE HEAD BLOTS: Lubricate the underside of **every** bolt head with oil. Determine which bolts extend into the coolant passages. Those **entering** the coolant passages require a Pliable non-hardening sealer on the threads. Those bolts **not entering** the coolant passages require oil on the threads.

IF BOLTS have a sealant pre-applied to the threads and underside of bolt head, simply install the bolts. ADDITIONAL SEAL-ANT/OIL IS NOT REQUIRED.

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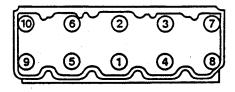
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FEL-PRO INSTALLATION TIPS

CLEAN MATING SURFACES of all foreign materials. **CHECK HEAD AND BLOCK** for flatness. Refer to OEM manual to determine flatness tolerances and resurfacing limitations.

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IF BOLTS have a sealant pre-applied to the threads and under-

side of bolt head, simply install the bolts. ADDITIONAL SEAL-

HEAD GASKET

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HEAD GASKET

bottoming.

CLEAN MATING SURFACES of all foreign materials.

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CLEAR ALL THREADED HOLES in the block by using a bottoming tap. Tap below the maximum bolt penetration to prevent bottoming.

PREPARE HEAD BLOTS: Lubricate the underside of **every** bolt head with oil. Determine which bolts extend into the coolant passages. Those **entering** the coolant passages require a Pliable non-hardening sealer on the threads. Those bolts **not entering** the coolant passages require oil on the threads.

IF BOLTS have a sealant pre-applied to the threads and underside of bolt head, simply install the bolts. ADDITIONAL SEAL-ANT/OIL IS NOT REQUIRED.

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