# Service Information Bulletin

## Additions, Revisions, or Updates

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<td>Installation of the High Pressure Fuel Pump Locating Pin - Two Filter System</td>
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2 Removal of the High Pressure Fuel Pump Locating Pin - Two-Filter System

Remove as follows:

1. Remove the high pressure fuel pump from the engine. Refer to section "Removal of the High Pressure Fuel Pump – Two-Filter System".
2. Remove the high pressure fuel pump drive gear from the high pressure fuel pump. Refer to section "Removal of the High Pressure Fuel Pump Drive Gear -Two-Filter System".
3. Apply tape around the locating pin on the camshaft.
4. Place a wood protector over the camshaft threads. Using diagonal pliers remove the locating pin from the high pressure fuel pump. If the pin cannot be removed using diagonal pliers follow steps 5 thru 7 to remove the pin using a drill bit.
NOTE: Steps 5 thru 7 are only to be done if the locating pin was not able to be removed using diagonal pliers.

5. Tape a clean shop towel around the camshaft covering the camshaft oil seal.

6. Support the camshaft by placing a wood block under the camshaft.
7. Using a 3.5mm (9/64 in.) drill bit, drill the center of the locating pin and remove the pin from the camshaft.
3  Installation of the High Pressure Fuel Pump Locating Pin -Two-Filter System

Install as follows:

1. Clean any debris or engine oil from the locating pin hole and camshaft.

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2. Remove the clean shop towel and tape from around the camshaft.

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**NOTICE:** When pressing in the locating pin, the depth measurement MUST be taken on the side of the pin closest to the threaded area on the camshaft.

3. Using a minimum press-in force of 80N·m (59 lb·ft), press the new locating pin to a depth of 2.3 to 2.7mm (0.090 to 0.106in.).
4. Install the high pressure fuel pump drive gear on to the high pressure fuel pump. Refer to section "Installation of the High Pressure Fuel Pump Drive Gear - Two-Filter System".

5. Install the high pressure fuel pump on to the engine. Refer to section "Installation of the high pressure fuel pump-two-filter system Refer to section "Installation of the High Pressure Fuel Pump – Two Filter System"