Disassembly and Assembly

3044C Industrial Engine and Engines for Caterpillar Built Machines

i02000757

Fuel Injection Pump - Remove

SMCS - 1251-011

Removal Procedure

Table 1

Required Tools			
Tool	**Part Number**	**Part Description**	**Qty**
A	1P-2320	Combination Puller	1

Start By:

A. Remove the fuel injection lines. Refer to Disassembly and Assembly, "Fuel Injection Lines - Remove and Install".

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

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1. Ensure that the No. 1 cylinder is at the top center compression stroke. Refer to Testing and Adjusting, "Finding Top Center Position for No. 1 Piston".

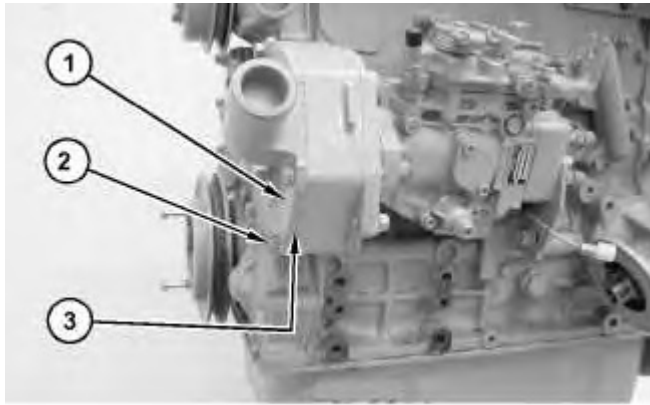Illustration 1   g01035206

2. Remove bolts (2). Remove cover (1) and O-ring seal (3) .

Illustration 2   g01035208

3. Mark gear teeth (4) for timing purposes.
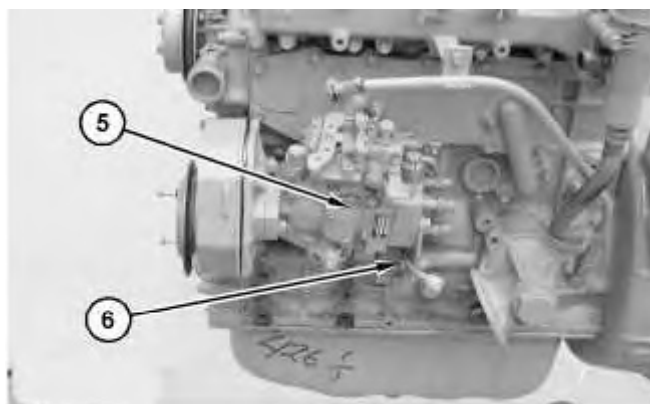

Illustration 3   g01035221

4. Remove bolt (6). Remove fuel injection pump (5) .
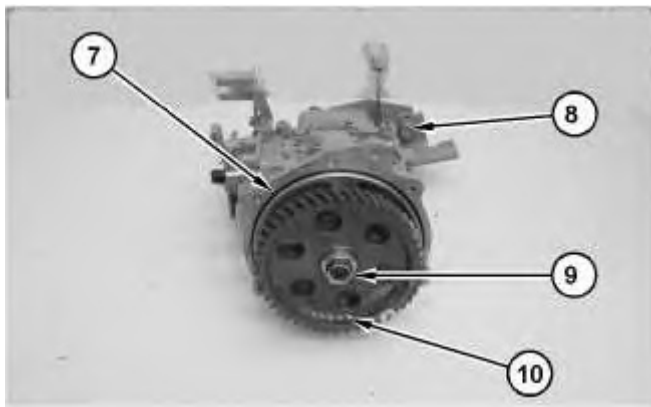

Illustration 4   g01035230

5. Remove O-ring seal (7). Remove the bolt and bracket (8). Remove nut (9) from gear (10) .
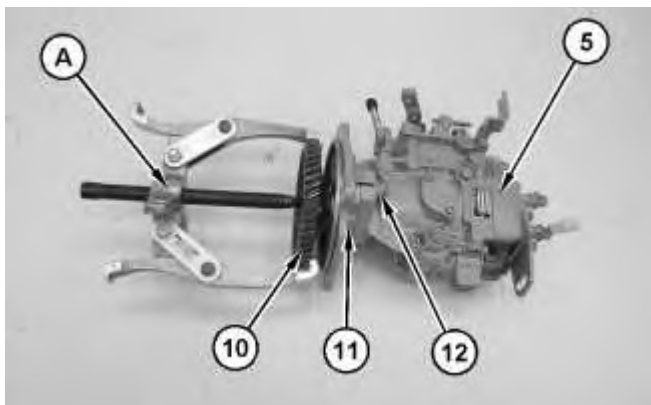

Illustration 5   g01035232

6. Use Tooling (A) to remove gear (10). Mark housing (11) and fuel injection pump (5) for installation purposes. Remove bolts (12) and housing (11) .

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