



Service Repair Manual

Models

992G Wheel Loader

Product: WHEEL LOADER

Model: 992G WHEEL LOADER ADZ

Configuration: 992G Wheel Loader ADZ00001-UP (MACHINE) POWERED BY 3508 Engine

Disassembly and Assembly

3500 and 3500B High Displacement Engines for Caterpillar Built Machines

Media Number -SEN1126-33

Publication Date -01/07/2015

Date Updated -14/09/2018

i02415328

Electronic Unit Injector - Remove

SMCS - 1290-011

Removal Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	5F-4764	Pry Bar	1

Start By:

- Remove the rocker shaft assembly and the pushrods. Refer to Disassembly and Assembly, "Rocker Shaft Assembly and Push Rods - Remove".

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

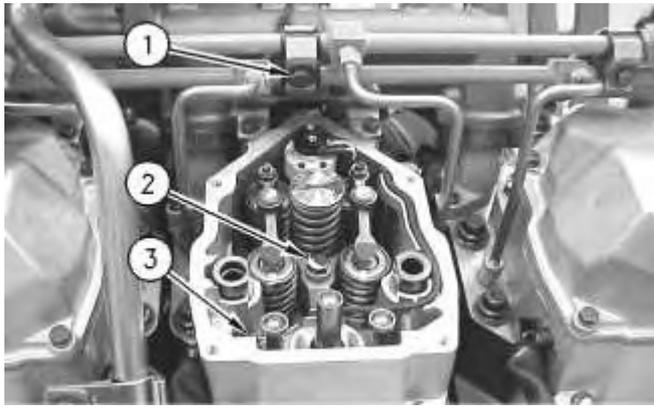


Illustration 1

g00903832

1. Remove bolt (1) and the clamp.
2. Remove bolt (2) and the clamp.
3. Disconnect harness assembly (3).

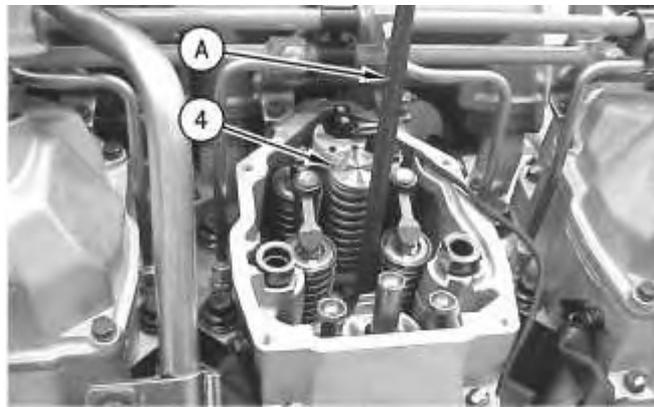


Illustration 2

g00903932

4. Use Tooling (A) to remove electronic unit injector (4).
5. Remove fuel / fluids from the cylinder. **WARNING!** Turning over (cranking) an engine with an injector removed could result in personal injury or death from fluids escaping at high velocity.

Product: WHEEL LOADER

Model: 992G WHEEL LOADER ADZ

Configuration: 992G Wheel Loader ADZ00001-UP (MACHINE) POWERED BY 3508 Engine

Disassembly and Assembly 3500 and 3500B High Displacement Engines for Caterpillar Built Machines

Media Number -SEN1126-33

Publication Date -01/07/2015

Date Updated -14/09/2018

i02415334

Electronic Unit Injector - Install

SMCS - 1290-012

Installation Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
B	9U-6862	Tapered Brush	1
C	4C-5027	Tap Wrench	1
D	4C-6774	Vacuum Gun Kit	1
E	1P-0808	Multipurpose Grease	1
F	1U-5512 or 8T-7765	Abrasive Material or Surface Reconditioning Pad	1

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

NOTICE

Remove all carbon deposits from the angled surface at the bottom of the cylinder head bore for the fuel injection pump. Failure to clean this area may prevent the fuel injection pump from seating properly. This could result in failure of the fuel injection pump due to leakage of exhaust gas into the fuel passage.

1. It is important to clean the cylinder head bore for the electronic unit injector before you install the electronic unit injector. Use the following procedure to clean the bore.

Note: A fine grade of Scotch Brite material is recommended for cleaning the cylinder head bore for the electronic unit injector. The product is available as Tooling (F).

- a. Place a 38 mm (1.5 inch) square piece of Scotch Brite material on the end of Tooling (B).

Note: It should not be necessary to use a power tool to clean the cylinder head bore for the electronic unit injector.

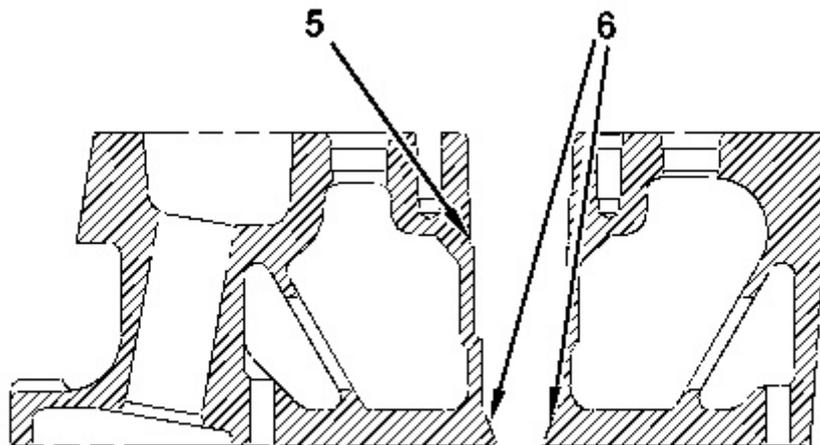


Illustration 1

g01051051

- b. Hold the brush with Tooling (C). Insert the brush into bore (5). Rotate the Scotch Brite material against the lower surface of bore (6). Continue cleaning until the surface is smooth and shiny.

Note: Tooling (D) is recommended for cleaning loose particles from the bore. The vacuum is operated with pressurized air.

- c. Remove all loose particles from the bore.

2. Remove any fuel / fluid that may have accumulated before installing the injector.
-

Thank you so much for reading.
Please click the “Buy Now!”
button below to download the
complete manual.



After you pay.

You can download the most
perfect and complete manual in
the world immediately.

Our support email:

ebooklibonline@outlook.com