



Service Repair Manual

Model

438C BACKHOE LOADER

Product: BACKHOE LOADER

Model: 438C BACKHOE LOADER 9KN

Configuration: 438C Backhoe Loader Side Shift, Single Tilt 9KN00001-01060 (MACHINE) POWERED BY 3054 Engine

Disassembly and Assembly G3B, K3A and L3A Denso Alternators

Media Number -SEN5841-00

Publication Date -01/10/1998

Date Updated -09/10/2001

i00937307

Alternator - Disassemble

SMCS - 1405-015

Procedure

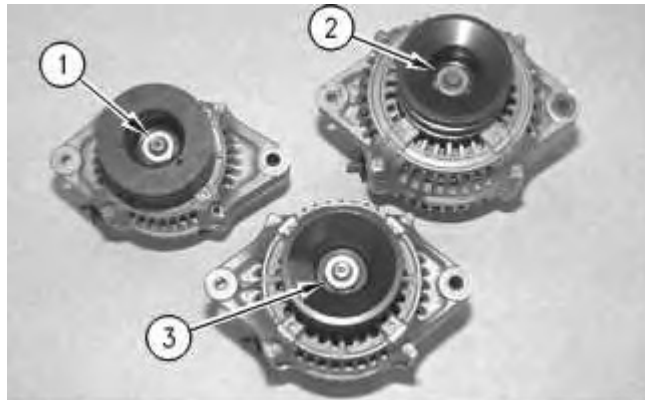


Illustration 1

g00477507

(1) G3B Alternator Pulley Nut. (2) L3A Alternator Pulley Nut. (3) K3A Alternator Pulley Nut.

1. Remove the nut that secures the pulley to the rotating shaft. An impact wrench can be used to loosen the nut. Use a deep well socket (six point). Do not use a twelve point socket.
-

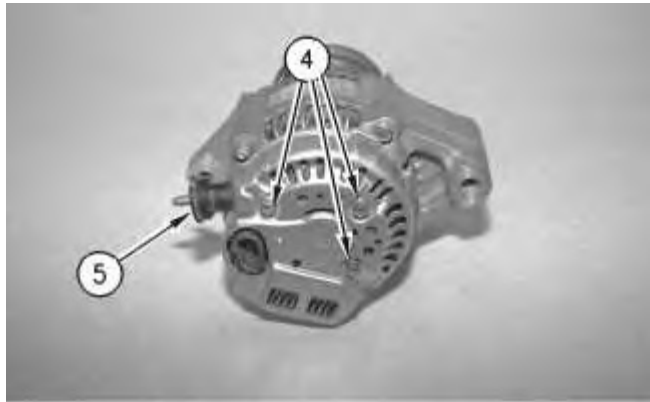


Illustration 2

g00477509

Alternator (55 Ampere) With Securing Screws (Front Cover) (4) and B Terminal (5) .

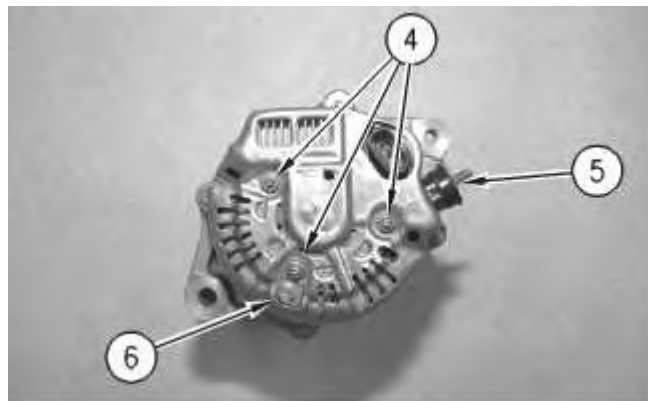
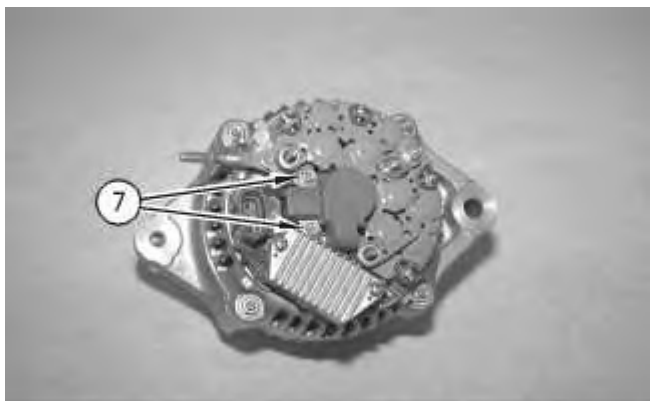


Illustration 3

g00477510

Alternator (90 Ampere) With Securing Nuts (Rear Cover) (4) , B Terminal (5) , And Additional Fastener (6) .

2. Remove the three bolts (4) that attach the rear end cover to the alternator. Also remove the B terminal nut and plastic shroud (5) . On 90 amp alternators, remove the screw (6) .



3. Remove the two screws (7) that secure the brush holder. Note that the rubber seal that is covering the brush holder in illustration 4 is for 90 amp alternators. The 55 amp alternator has a slightly different seal.

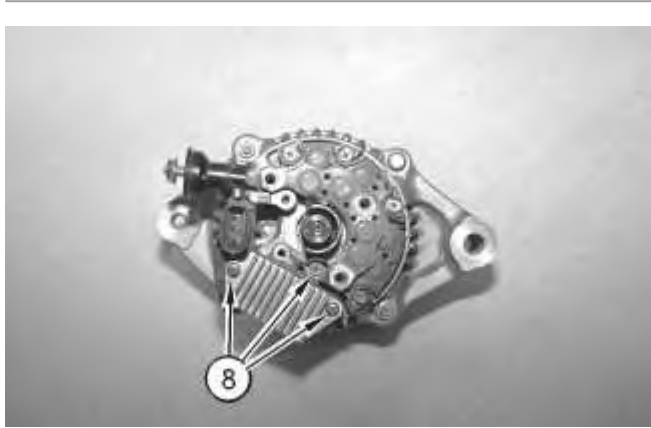


Illustration 5

4. Remove the three screws (8) that secure the IC regulator. The screws are different lengths, and the screws must be put back in the same hole.



Illustration 6

Alternator (55 Ampere) With Wire Type Leads From Stator

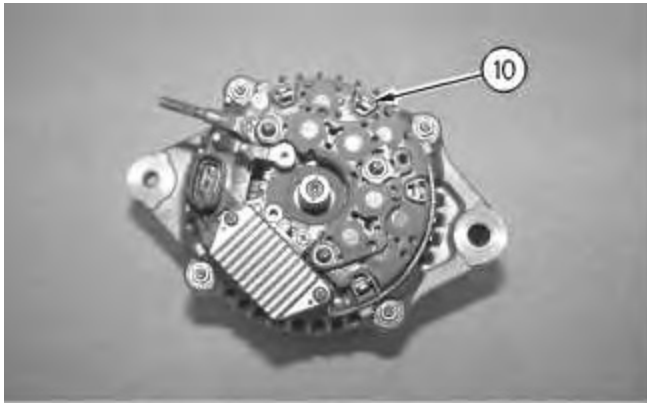


Illustration 7

g00477517

Alternator (90 Ampere) With Terminal Type Leads From Stator

5. On 55 ampere alternators, remove the four screws that are holding the stator leads. Use needle nose pliers to straighten the stator leads. On 90 ampere alternators, remove the four screws that are attaching the terminal type leads to the rectifier. Remove the rectifier.



Illustration 8

g00477518

55 Amp Alternator

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