

Disassembly and Assembly

3306 VEHICULAR ENGINE FOR CHALLENGER 65 TRACTOR

Media Number -SEN3338-00

Publication Date -01/11/1986

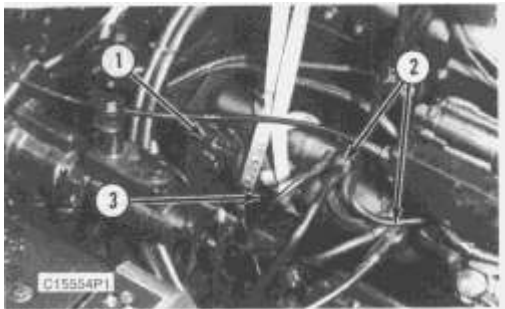
Date Updated -11/10/2001

Electric Starting Motor

SMCS - 1453-010

Remove And Install Electric Starting Motor

1. Disconnect the battery cables from the batteries.



2. Put identification on wires (2), and remove the wires from the starter.
3. Fasten a nylon strap and hoist to the electric starting motor. Remove mounting bolts (1), and remove starting motor (3) and the gasket. The weight of the starting motor is 31.8 Kg (70 lb.).

NOTE: Check the condition of the gasket for the starting motor and make a replacement if necessary.

4. To install the starting motor, fasten a nylon strap and hoist to it.
 5. Put starting motor (3) and the gasket in position and install bolts (1).
 6. Connect wires (2) as indicated by the identification.
 7. Connect the battery cables to the batteries.
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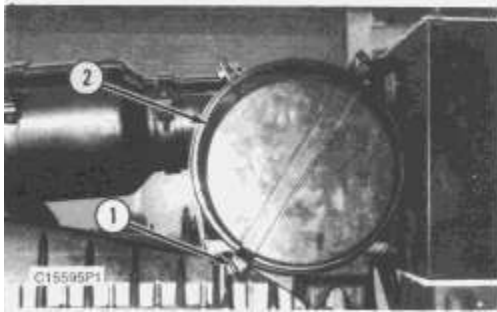
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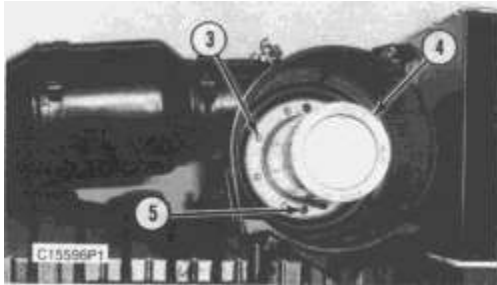
Air Cleaner Filter

SMCS - 1054-010

Remove And Install Air Cleaner Filter



1. Loosen two screws (1). Remove cover (2) and the primary filter element.



2. Remove eight bolts (3), and remove secondary filter element (4).

3. Remove two bolts (5) to remove the air cleaner body and gasket to the elbow assembly.

NOTE: The following steps are for the installation of the air cleaner filter.

4. To install the air cleaner body, position it and the gasket against the elbow assembly and install bolts (5).

5. Position secondary filter element (4), and install bolts (3).

6. Install the primary filter element and cover (2), and tighten screws (1).

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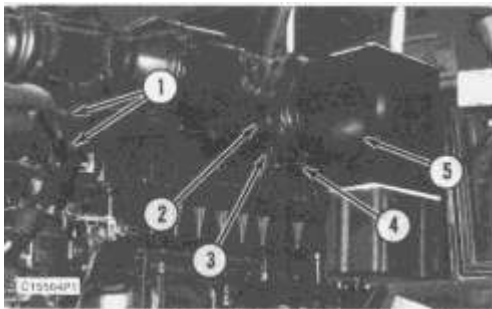
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Air Cleaner Group

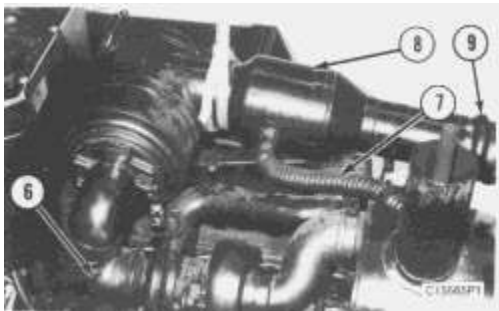
SMCS - 1051-010

Remove And Install Air Cleaner Group

1. Remove the hood. The weight of the hood is 25 Kg (55 lb.).



2. Remove two bolts (1). Remove four bolts (3), and two straps (2). Loosen screw (4) that holds cover (5).



3. Remove the clamps and elbow (6). Remove the two clamps and hose (7). Loosen the two clamps and slide hose (9) away from the radiator tube assembly.

4. Fasten a nylon strap and hoist around the tube assembly as shown, and remove air cleaner group (8). The weight of the air cleaner group is 31.7 Kg (70 lb.).

NOTE: The following steps are for the installation of the air cleaner group.

5. Fasten a nylon strap and hoist to the air cleaner group, and position it on top of the engine. Slide hose (9) on the radiator tube assembly and tighten the two clamps that hold it.

6. Install hose (7), and tighten the two clamps. Install elbow (6), and tighten the two clamps.

7. Tighten screw (4) that holds cover (5). Install two straps (2) and four bolts (3). Install two bolts (1).