



Service Repair Manual

Model

235 EXCAVATOR

Product: EXCAVATOR

Model: 235 EXCAVATOR 64R

Configuration: 235 EXCAVATOR 64R00455-00595 (MACHINE) POWERED BY 3306 ENGINE

Disassembly and Assembly 235 EXCAVATOR VEHICLE SYSTEMS

Media Number -SEN7057-00

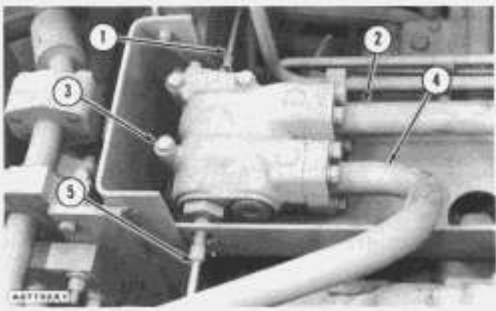
Publication Date -01/12/1974

Date Updated -12/10/2001

Boom Speed Control Valve

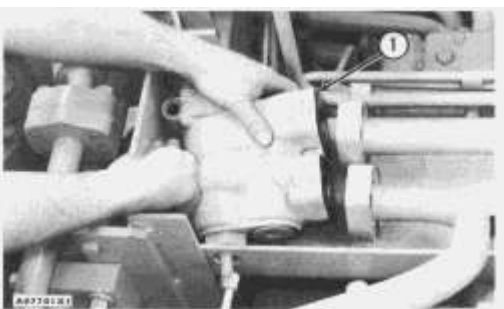
SMCS - 5461-25; 5461-11; 5461-12; 5461-15; 5461-16

Remove Boom Speed Control Valve



1. Disconnect lines (2), (4) and (5) from valve.
2. Disconnect linkage (1) from valve.
3. Remove bolts (3) and nuts and remove the boom speed control valve.

Install Boom Speed Control Valve

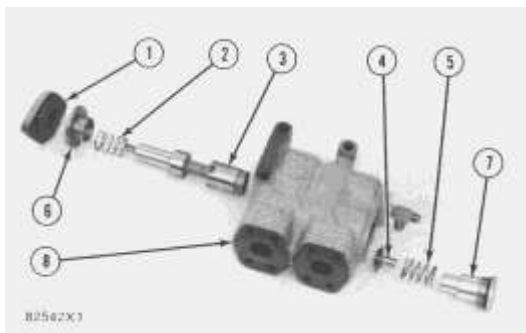


1. Put valve (1) in position on the support and install the bolts.
2. Connect oil lines to valve.
3. Connect linkage to valve.

Disassemble Boom Speed Control Valve

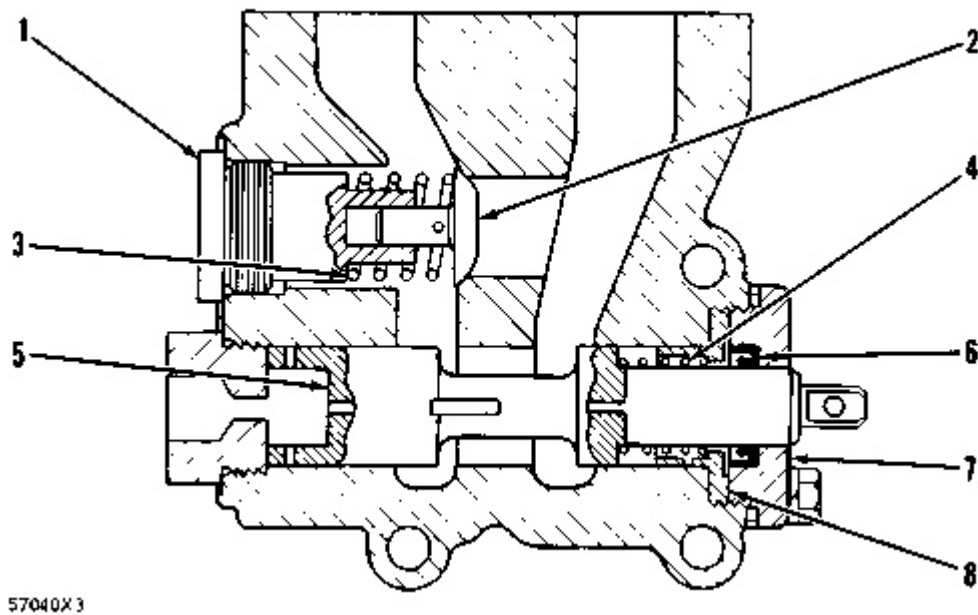
start by:

a) remove boom speed control valve



1. Remove plug (7), spring (5) and valve (4) from the body.
2. Remove cover (1), spacer (6), spring (2) and stem (3) from body (8).
3. Remove the seal from cover (1).

Assemble Boom Speed Control Valve

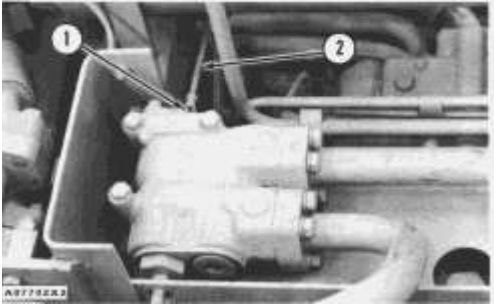


1. Install seal (6) in cover (7) with lip of seal toward inside of cover. Put oil on lip of seal.
2. Install stem (5), spring (4), spacer (8) and cover (7).
3. Install valve (2), spring (3) and plug (1) in the body.

end by:

a) install boom speed control valve

Adjustment Of Linkage For Boom Speed Control Valve



1. With valve stem (1) fully extended toward linkage (2) and the control knob (3) in the "UP" position, make an adjustment to linkage (2) to get $2.70 \pm .06$ in. (68.58 ± 1.52 mm) between control knob (3) and top of nut (4).

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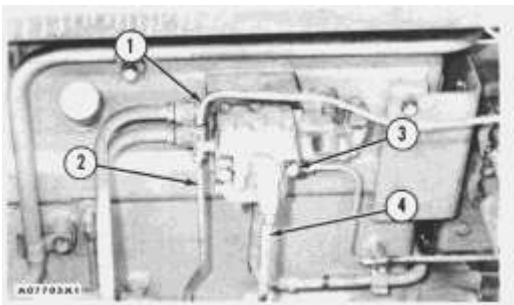
Publication Date -01/12/1974

Date Updated -12/10/2001

Track Brake Valve

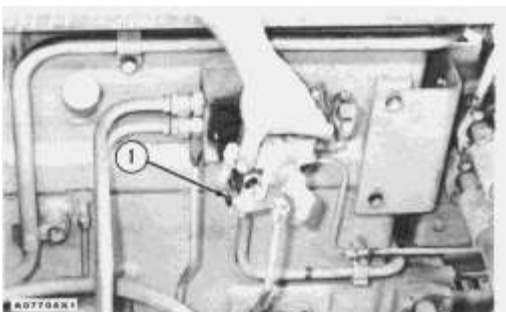
SMCS - 4112-11; 4112-12; 4112-15; 4112-16

Remove Track Brake Valve



1. Remove oil line (1) from valve.
2. Disconnect oil lines (2) and (4) from valve.
3. Remove bolts (3) that hold the valve in position.
4. Remove the track brake valve.

Install Track Brake Valve



1. Put the track brake valve (1) in position and install bolts.
2. Connect the oil lines to valve.

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