SV208
SV210
SV212
SV216
Tier 3
Vibratory Roller

OPERATOR'S MANUAL

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CASE CONSTRUCTION

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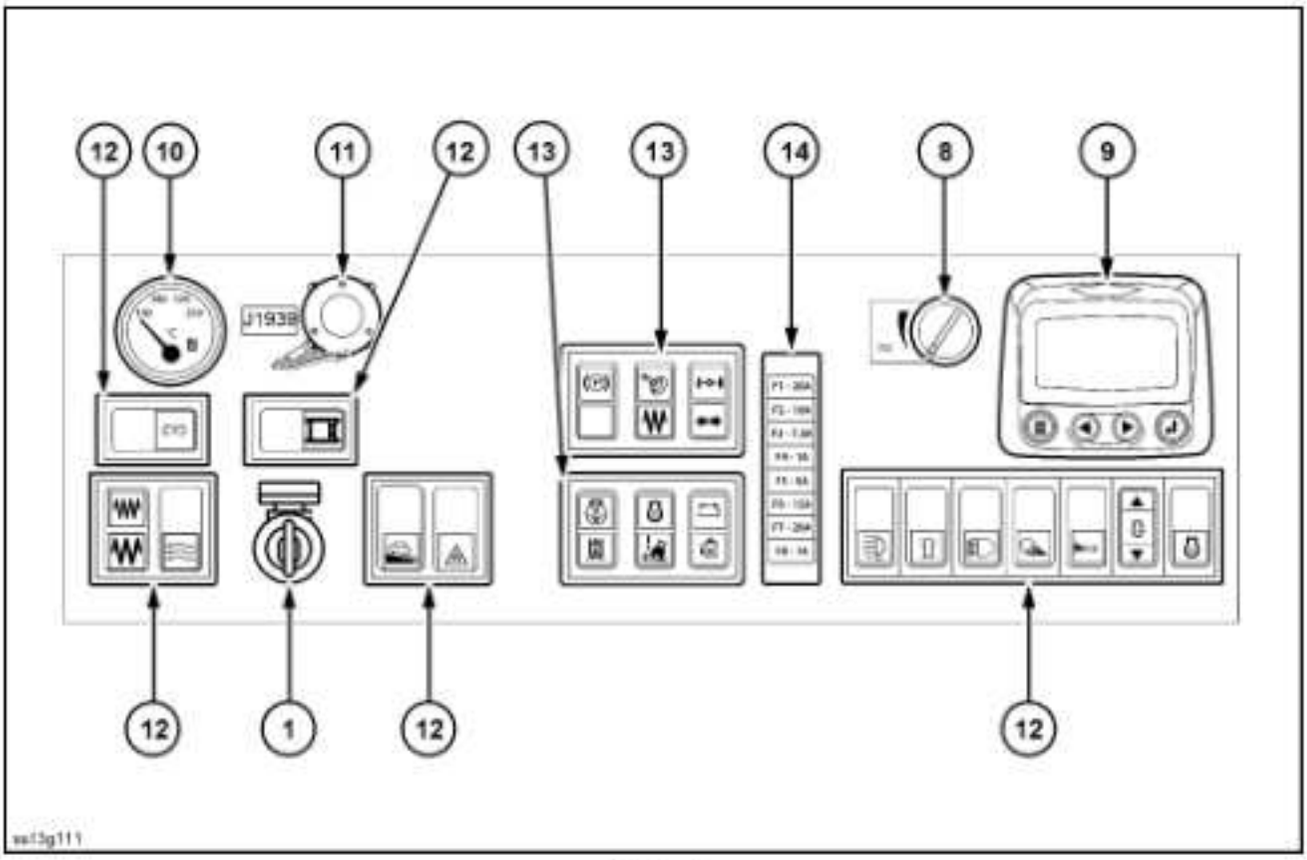
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FORWARD CONTROLS

Dashboard and control panels



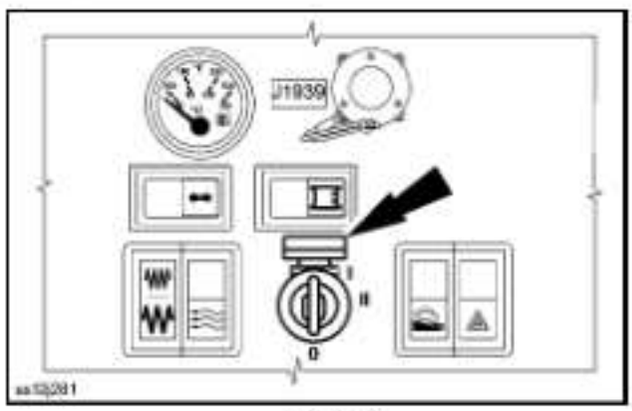
Item.	Designation	Item	Designation
1	Ignition switch	11	Engine Control Unit (ECU) diagnostics socket
8	Engine speed selector	12	Switch panel
9	Power View display	13	Indicator lamps
10	Hydraulic oil temperature gauge	14	Fuses

(1) Ignition switch

With the key in the ignition switch the following occurs

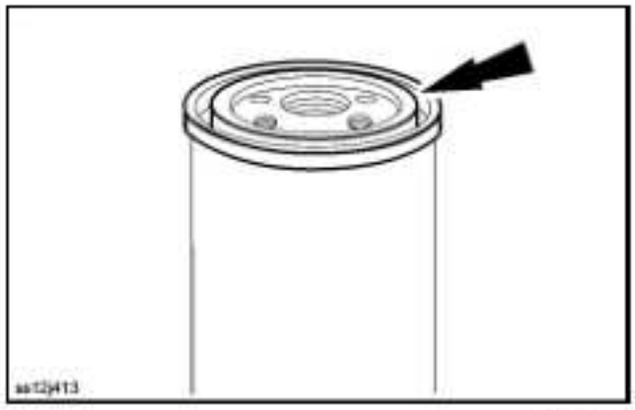
- Position **0** – Electric power is available for the lights, cab/hood raising, and the cab climate control system.
- Position **I** – The dashboard controls are operable.
- Position **II** – The engine will start.

NOTE: *The ignition key is also used to lock and unlock the cab doors, the service hatch underneath the cab, and the tool kit.*



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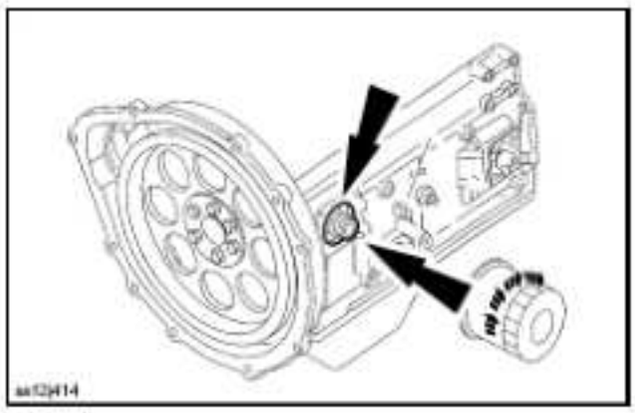
4. Apply oil to the gasket of the new filter.



5. Clean the contact surface of the filter gasket. Mount the filter and tighten firmly by hand.

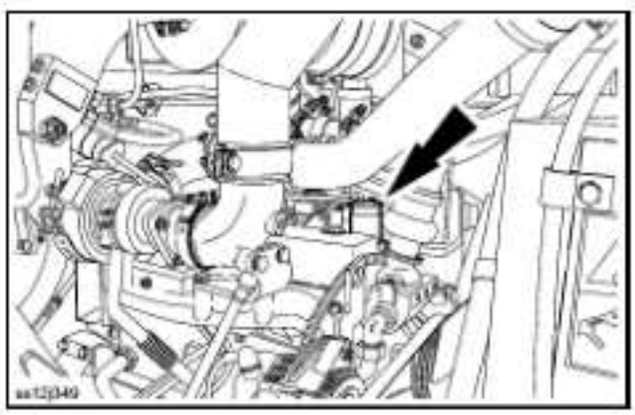
NOTICE: *Do not tighten the filter too hard as this could damage the thread and gasket.*

NOTE: *Refer to the Engine Operation and Maintenance Manual for the special wrench required.*

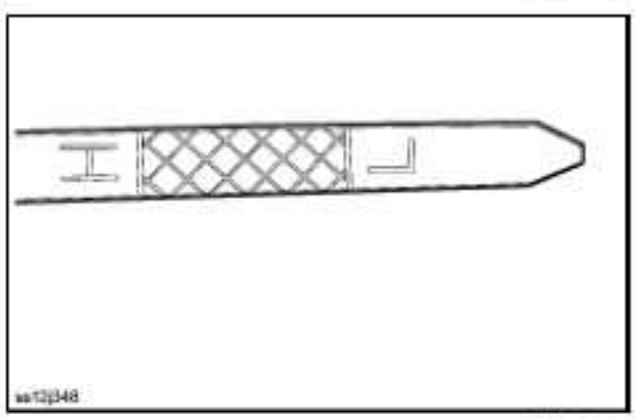


6. Use the filler neck to fill the engine.

NOTE: *See the engine oil viscosity and recommended oils on the following pages for the correct oil to use. Refer to page* ***7-11*** *for more information on the engine oil.*



7. Fill oil to the upper **H** mark on the dipstick. Oil capacity is **7 l** (**1.8 US gal**). The quantity between the **L** and **H** marks is **1.5 l** (**0.4 US gal**).



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Axle

NOTE: *All specifications are given according to Society of Automotive Engineers (SAE) standards or recommended practices where the specification applies*

	SV 208	SV 210	SV 212	SV 216
Tire size	14.9 x 24"		23.1 x 26"	
Tire pressure	**150 kPa (21.8 psi)**		**160 kPa (23.2 psi)**	

Capacities

NOTE: *All specifications are given according to Society of Automotive Engineers (SAE) standards or recommended practices where the specification applies.*

	SV 208	SV 210	SV 212	SV 216
Engine (oil medium)	**7 l (1.85 US gal)**		**11 l (2.9 US gal)**	
Cooling system	**24 l (6.3 US gal)**		**32 l (8.45 US gal)**	
Fuel	**275 l (72.6 US gal)**		**410 l (108.3 US gal)**	
Hydraulic system	**73 l (19.3 US gal)**		**90 l (23.8 US gal)**	
Wheel transmission	2x **2.5 l (2x 0.66 US gal)**		2x **2.8 l (2x 0.74 US gal)**	
Vibratory drum	**6.7 l (1.77 US gal)**		**8 l (2.1 US gal)**	
Washer tank	**2.75 l (0.73 US gal)**		**2.75 l (0.73 US gal)**	

Electrical installation

NOTE: *All specifications are given according to Society of Automotive Engineers (SAE) standards or recommended practices where the specification applies.*

	SV 208	SV 210	SV 212	SV 216
Nominal voltage	**24 V**		**24 V**	
Battery capacity	2x **61 A·h**		2x **100 A·h**	

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Machine safety sign information

⚠ WARNING

Avoid injury!
Make sure safety signs are legible. Clean safety signs regularly. Replace all damaged, missing, painted over, or illegible safety signs. See your dealer for replacement safety signs. If a safety sign is on a part that is replaced, make sure the new part has a safety sign.
Failure to comply could result in death or serious injury.

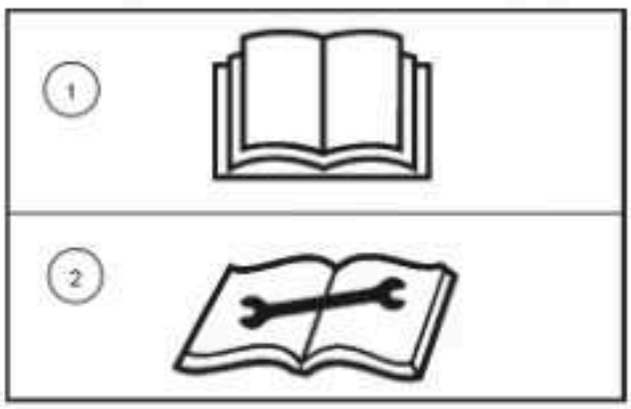
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The following safety signs are placed on your machine as a guide for your safety and for those working with you. Walk around the machine and note the content and location of these safety signs before operating your machine.

Keep safety signs clean and legible. Clean safety signs with a soft cloth, water, and a gentle detergent. Do not use solvent, gasoline, or other harsh chemicals. Solvents, gasoline, and other harsh chemicals may damage or remove safety signs.

Replace all safety signs that are damaged, missing, painted over, or illegible. If a safety sign is on a part that is replaced, make sure the safety sign is installed on the new part. See your dealer for replacement safety signs.

Read operators manual symbol.
Safety signs that display the "Read Operator's Manual" symbol **(1)** are intended to direct the operator to the operator's manual for further information regarding maintenance, adjustments, or procedures for particular areas of the machine. When a safety sign displays this symbol, refer to the appropriate page of the operator's manual.
Read service manual symbol.
When a decal displays the "read service manual" symbol **(2)**, refer to the service manual for specific information such as service, operation, maintenance or adjustment. See an authorized dealer for a service manual.
One or both of these symbols may appear on a decal relating to safety, machine operation or service. To the right is a sample safety sign that directs the machine operator or service technician to the operators manual **(1)** for additional information concerning this procedure.



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ISO two-panel pictorial symbol safety signs.
The first panel indicates the nature of the hazard. The second panel indicates the appropriate avoidance of the hazard. The background color is YELLOW. Prohibition symbols such as STOP, if used are RED.



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