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UNIVERSAL SYMBOLS

As a guide to the operation of your tractor, various universal symbols have been utilized on the instruments, controls, switches and fusebox. The symbols are shown below with an indication of their meaning.


Thermostart starting aid


Alternator charge


Fuel level


Automatic fuel shut–off


Engine speed (rev/min x 100)


Hours recorded


Engine oil pressure


Engine coolant temperature


Engine coolant temperature (alternative)


Tractor lights


Right–hand side lights


Left–hand side lights


Headlamp main beam


Headlamp dipped beam


Stop lamps


Front work lamps


Rear work lamps


Horn


Radio



Keep alive memory


Turn signals


Turn signals –one trailer


Turn signals –two trailers


Front windscreen wash/wipe


Rear windscreen wash/wipe


Heater temperature control


Heater fan


Air conditioner


Air filter


Parking brake


Roof beacon


Warning! Corrosive substance


Variable control



1000 rev/min P.T.O.



540 rev/min P.T.O.



Transmission in neutral



Low transmission range



Medium transmission range



High transmission range


Creeper gears

Slow or low setting

Fast or high setting

Ground speed

Differential lock

Rear axle oil temperature

Steering outlet/transmission pressure

FWD engaged

FWD disengaged

Hazard warning lights

Warning!

Position Control

Draft Control

Accessory socket

Implement socket

Hitch disabled

%age slip

Pressurised! Open carefully

Hitch raise

Hitch lower

Hitch height limit

Steering filter

Charge intake and pressure filters

Remote valve extend

Remote valve retract

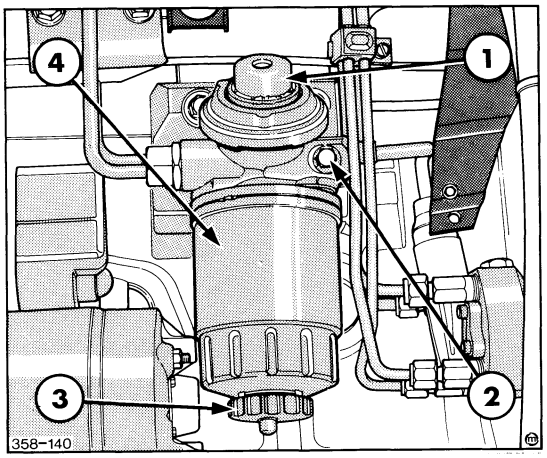
Remote valve float

Malfunction! See Operator's Manual

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600 HOUR SERVICE (continued)



48. Fuel Filter

1. Primer
2. Bleed screw
3. Drain plug
4. Filter canister

See Figures 47 and 48

Close the fuel shut–off, loosen the bleed screw on top of the separator and turn the drain plug counter–clockwise to allow contaminated fuel to drain out. Tighten the bleed screw.

Extract the securing bolts and remove the glass separator bowl. Using clean fuel, wash out the glass bowl, then re–install it. Tighten the drain plug.

Unscrew and discard the filter element. Install a new filter element and gasket.

Turn on the fuel shut–off, loosen the filter bleed screw and press the primer plunger several times until fuel free of air bubbles is discharged from the bleed screw hole. Tighten the bleed screw. Press the plunger several more times until resistance is felt, indicating that the system is free of air.

The injection pump and injectors are self–bleeding. Crank the engine with the throttle open until the engine fires.

EVERY 1200 HOURS or 12 months (whichever occurs first) carry out the preceding checks plus the following:

FUEL INJECTORS

See Figures 49 and 50

WARNING: *Diesel fuel or hydraulic oil escaping under pressure can penetrate the skin causing serious injury.*

- *Do not use your hand to check for leaks. Use a piece of cardboard or paper to search for leaks. Wear eye protection.*
- *Stop the engine and relieve pressure before connecting or disconnecting lines.*
- *Tighten all connections before starting the engine or pressurising lines.*

If any fluid is injected into the skin, obtain medical attention immediately or gangrene may result.

The injectors should be cleaned and adjusted by an authorized Ford New Holland dealer or an injector specialist.

The following text assumes that you have a spare set of injectors which may be serviced at your convenience and installed at this 1200 hour service.

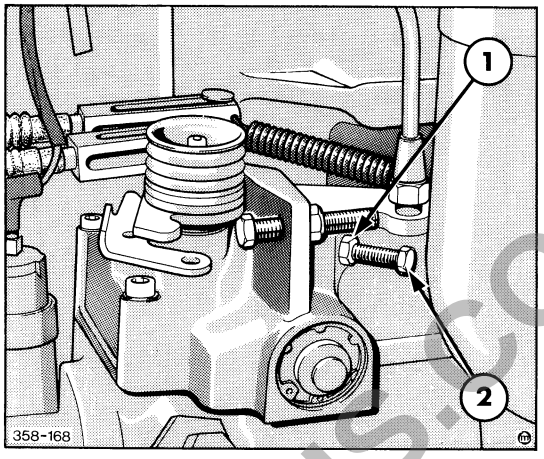
IMPORTANT: *Before loosening or disconnecting any part of the fuel injection system, thoroughly clean the area to be worked on.*

Loosen the injector pipe connections at the injection pump end.

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ENGINE IDLE SPEED

Idle Speed Adjustment – See Figure 13
Loosen the locknut and turn the stop screw to adjust the engine idle speed. The maximum no–load speed is set in the factory and must only be adjusted, if required, by an authorized Ford New Holland dealer.



13. Engine Idle Speed Adjustment

1. Locknut
2. Stop screw

TRACTOR STORAGE/PREPARATION

14. Tractor Storage

Before storing the tractor for an extended period, the following precautions should be taken:

- Clean the tractor.
- Drain the engine and transmission/rear axle and refill with clean oil.
- Drain the fuel tank(s) and pour approximately two gallons of special calibrating fuel into the tank. Run the engine for at least 10 minutes to ensure complete distribution of the calibrating fuel throughout the injection system. See the next item before running the engine.
- Check the radiator coolant level. If the coolant is within 200 hours of the next change, drain, flush and refill the system. See operations 60 and 61 in section A. Run the engine for one hour to disperse the coolant throughout the system.
- Using the tractor hydraulic system in Position Control, raise the lift linkage and support the lift arms in the raised position.
- Lubricate all grease fittings and lightly coat all exposed hydraulic piston rods with petroleum jelly, e.g., power steering cylinder rams, lift assist rams, spool valves, etc.
- Remove the battery (or batteries) and store in a warm, dry atmosphere. Recharge periodically.
- Raise the tractor and place supports under the axles to take the weight off the tires.
- Block the clutch pedal in the fully depressed position (12 x 12 transmission only).
- Cover the exhaust pipe opening.

15. Preparing the Tractor for Use after Storage

- Inflate the tires to the correct pressure and lower the tractor to the ground.
- Refill the fuel tank(s).
- Check the radiator coolant level.
- Check all oil levels.
- Install a fully charged battery (or batteries).
- Remove the exhaust pipe covering.
- Start the engine and check that all instruments and controls function correctly. Using the tractor hydraulic system in Position Control, fully raise the lift linkage and remove the supports.
- Drive the tractor without a load to ensure that it is operating satisfactorily.

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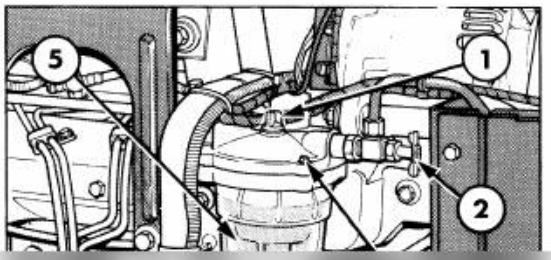
GENERAL DIMENSIONS (two wheel drive)		5640	6640	7740	7840	8240	8340
Height to top of cab	in	107.2	107.2	107.2	110.1	110.1	110.1
(where fitted)	mm	2722	2722	2722	2797	2797	2797
Height to top of ROPS	in	100.9	100.9	100.9	113.0	113.0	113.0
(where fitted)	mm	2565	2565	2565	2869	2869	2869
Height to top of exhaust	in	111.9	111.9	111.9	115.3	117.2	117.2

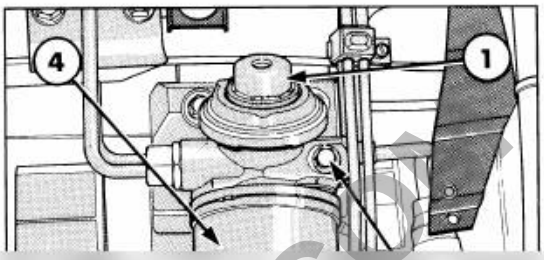
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50 HOUR SERVICE (continued)





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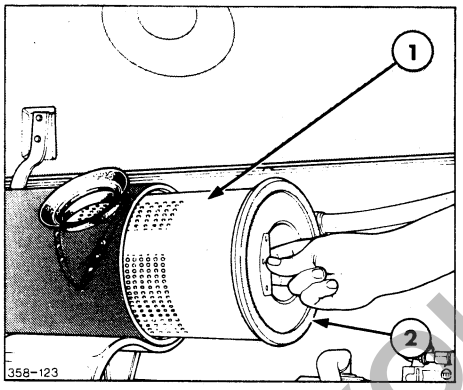
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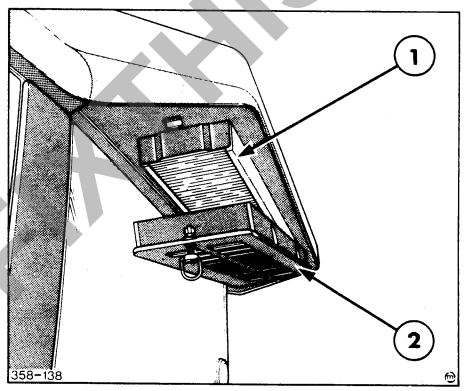
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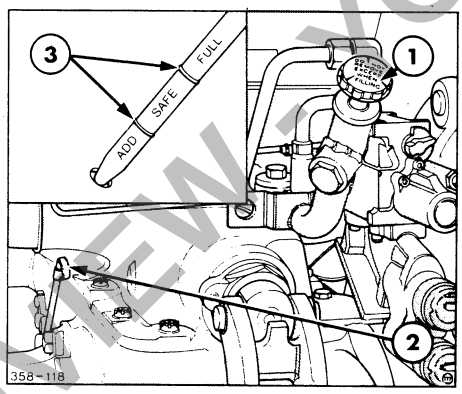
Owner's Maintenance Manual
– tractors with or less cab

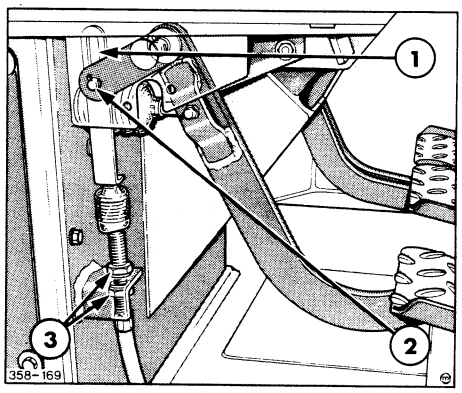
NEW HOLLAND

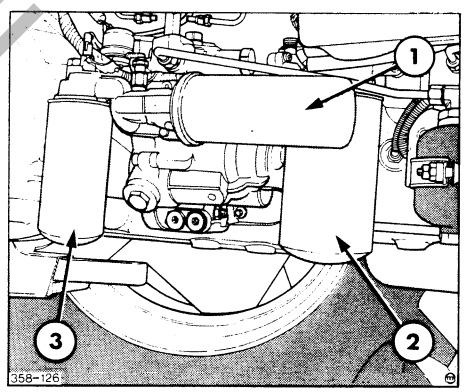
Tractors
5640, 6640, 7740 and 7840 SL Range
5640, 6640, 7740, 7840, 8240 and 8340 SLE Range

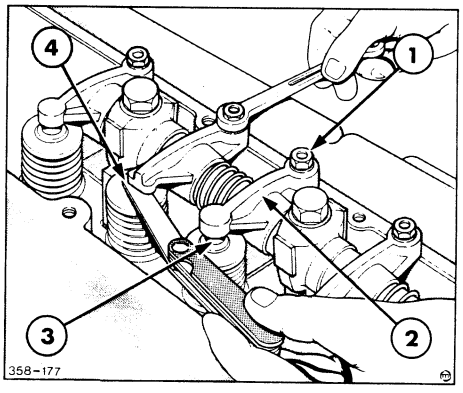












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