CASE CONSTRUCTION

OPERATOR'S MANUAL

CRAWLER DOZER

650L TIER 3

84247253
(Replaces 84152733)

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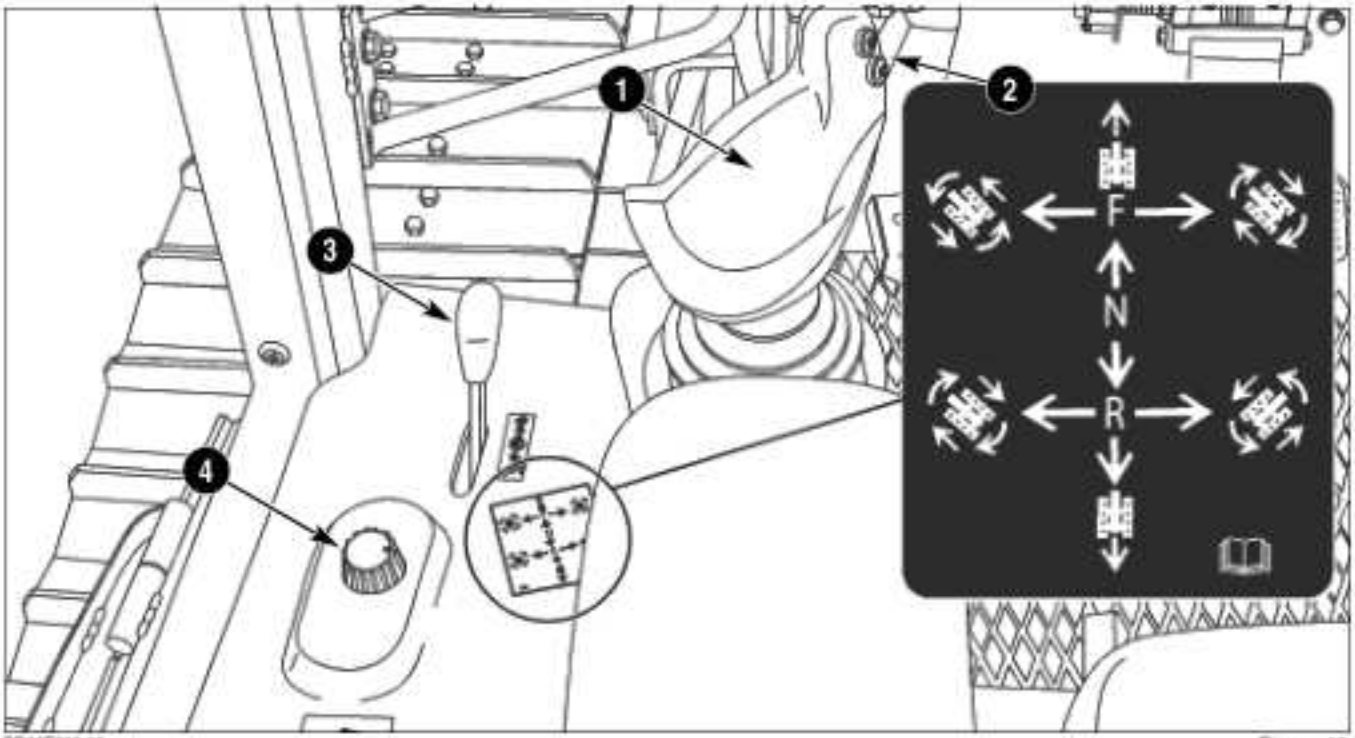
SAFETY AND DECALS

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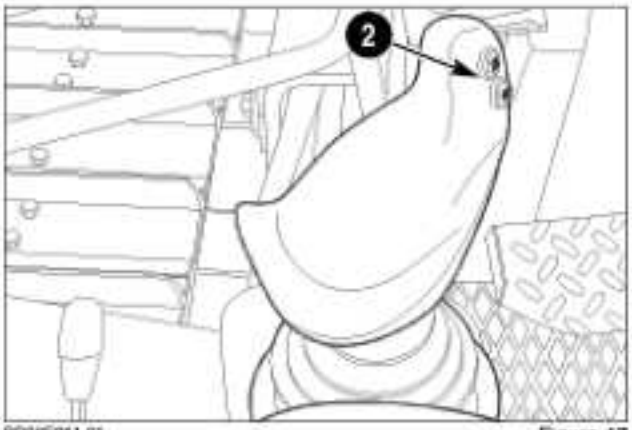
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DIRECTION CONTROL, HYDROSTATIC DRIVE CONTROL, HAND THROTTLE



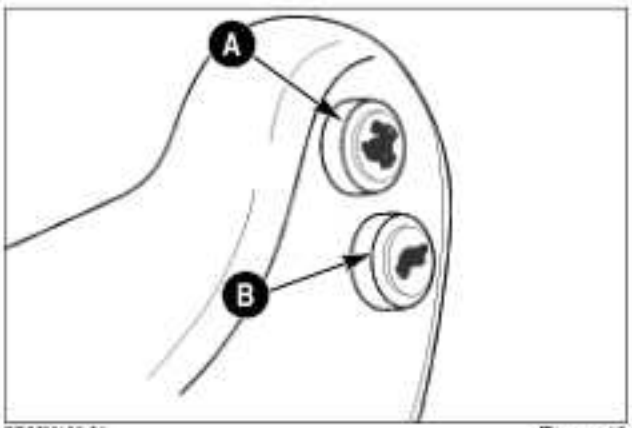
BD06E050-01

Figure 46



BD06E051-01

Figure 47



BD03M166-01

Figure 48

1. DIRECTION CONTROL LEVER

This lever controls the forward speed, neutral or reverse speed, and turning.

To turn, push or pull the lever to the direction you want the crawler to go, in forward or reverse. The crawler will not move unless engine rpms are 1000 or higher.

This lever has detent positions in forward and reverse. The lever will stay in the forward or reverse position until the operator pulls it out. At start up the crawler must be in Neutral for several seconds before it will move.

The Direction Control Lever position will be displayed on the instrument panel.

2. HYDROSTATIC DRIVE SPEED UP/DOWN BUTTONS

A. UP BUTTON (Drive speed increase)

B. DOWN BUTTON (Drive speed decrease)

These two buttons change the speed of the crawler from low to high. The maximum speed is selectable in a range of 10 increments. To increase track speed push the upper button. To decrease track speed push the lower button. The operator may choose to hold the appropriate button in the DOWN or UP position to allow the speed to increment. The speed range will be indicated by the needle on the Hydrostatic Drive Speed Gauge.

NOTE: *Top speed is limited to 90% from the factory.*

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EVERY 500 HOURS

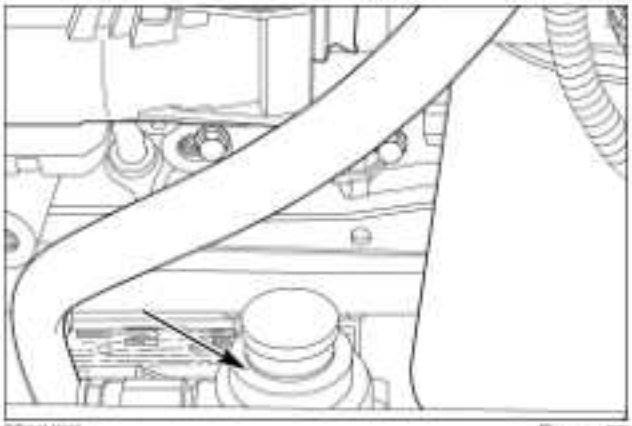
FUEL FILTER REPLACEMENT

Replace the in line and primary fuel filter every 500 hours of operation. For convenient maintenance, change both the fuel filter and the oil filter at the same time.

The fuel filter and lines must be primed with fuel after replacing the filter. See the following page for instructions on Priming the Fuel System.

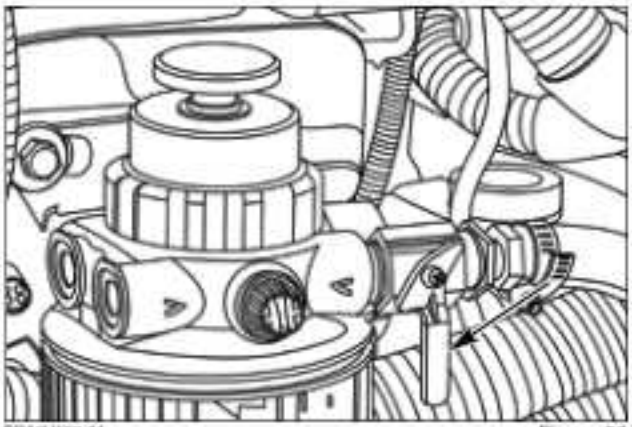
Never allow fuel to spill or leak into the ground or the environment. Dispose of the used filters and fuel by following all local, regional and national environmental guidelines and regulations.

1. Keep all non-authorized personnel clear of the machine. Move the machine to firm level ground and place the attachment on the ground. Turn the engine off.
2. Have a container ready to capture fuel that might spill or leak from the hoses and filters.



BD08H508 Figure 57

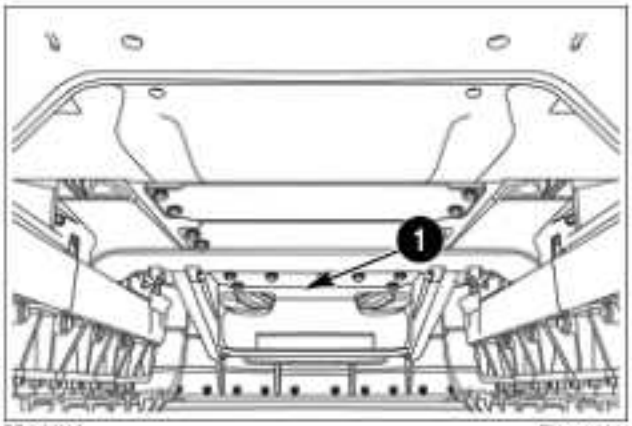
3. Clean the area around the filter head and priming plunger to help reduce the risk of contamination.



BD08H509-01 Figure 58

FUEL SHUTOFF VALVE IN OFF POSITION

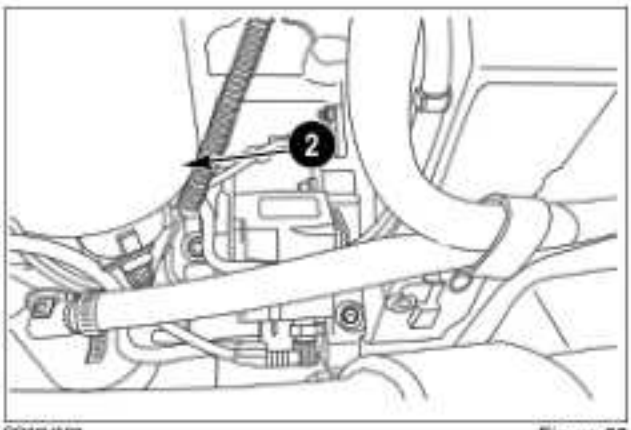
4. Close the fuel shutoff valve. The shutoff valve will be positioned 90 degrees, in relation to the line.



BD08M002 Figure 59

1. ENGINE BELLY PAN

5. Remove the belly pan to access the fuel filter. Two bolts secure the plate. Remove the in line fuel filter. Notice the direction of fuel flow and how the filter is positioned.



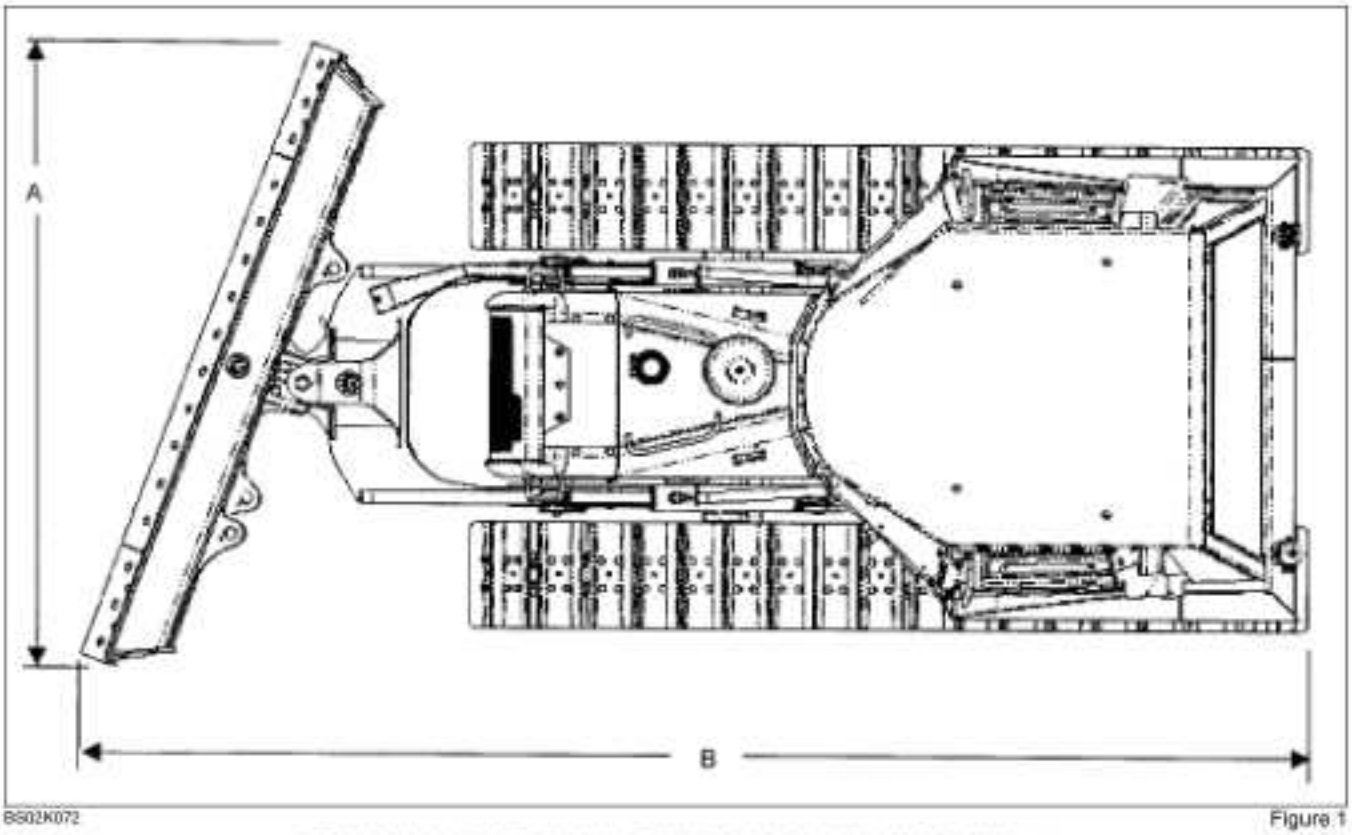
BD08H508 Figure 60

2. PRIMARY FUEL FILTER

6. Turn the primary filter counterclockwise and remove it from the filter head.
7. Apply a thin layer of clean oil to the gasket of the new primary filter.
8. Install the primary fuel filter. Use your hands to tighten the filter 3/4 turn after the filter makes contact with the filter head. Do not use a strap wrench.
9. Follow steps for bleeding air from the fuel system.

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TRANSPORT DIMENSIONS



BS02K072

Figure 1

TRANSPORT LENGTH AND WIDTH WITH BLADE FULLY ANGLED AT 25°

Blade width	(A) Transport width		(B) 650L w/o Drawbar	
2286 mm (90 in)	2127.2 mm	83.7 in	4532.2 mm	178.4 in
2438.4 mm (96 in)	2265.3 mm	89.2 in	4500.2 mm	177.2 in
2844.8 mm (112 in)	2633.7 mm	103.7 in	4650.2 mm	183.1 in
3048 mm (120 in)	2817.8 mm	110.9 in	4693.2 mm	184.8 in

NOTE: *Add 63 mm (2.5 in) for drawbar. If unit is equipped with ripper add 886 mm (34.9in).*

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