NEW HOLLAND

CRAWLER DOZER

D85B
D95B
TIER 3

OPERATOR'S MANUAL

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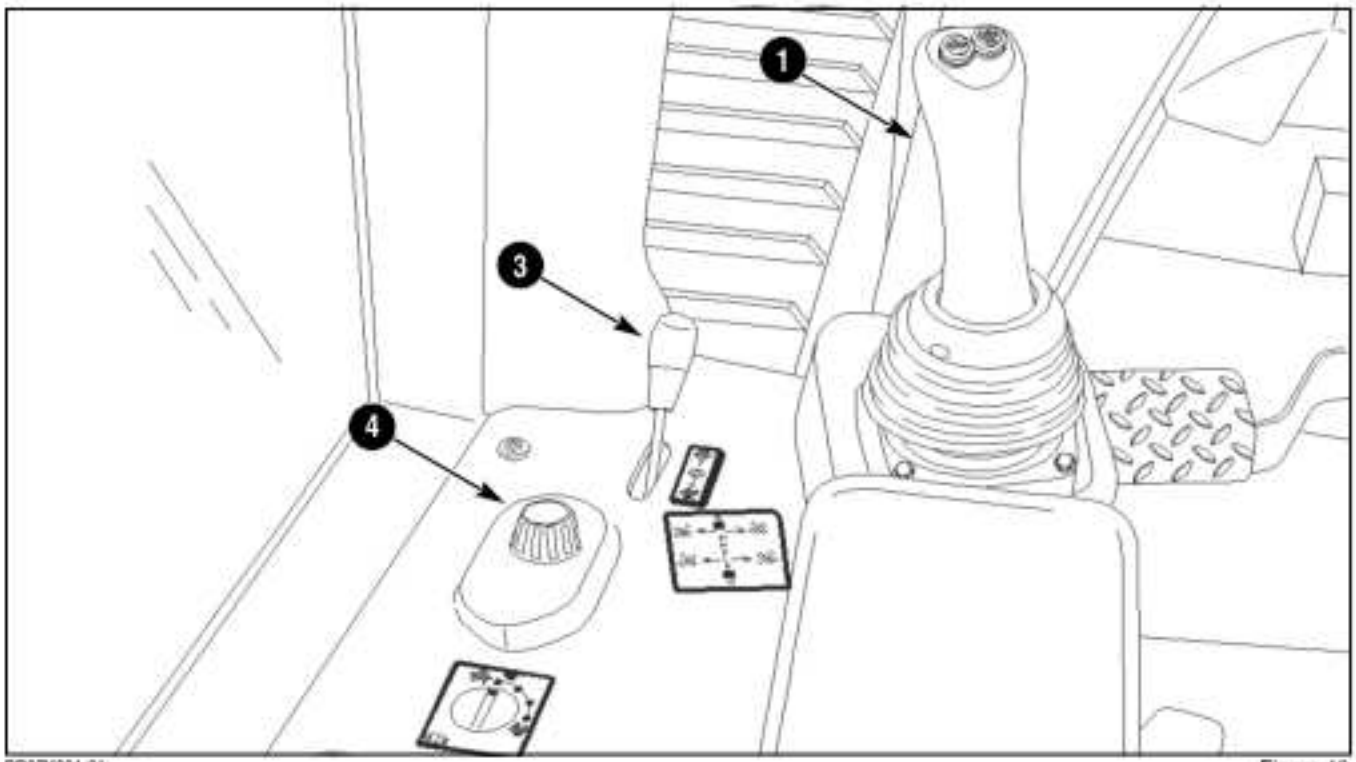
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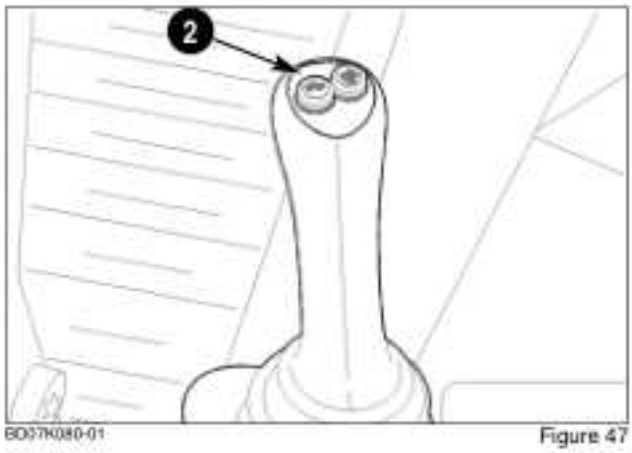
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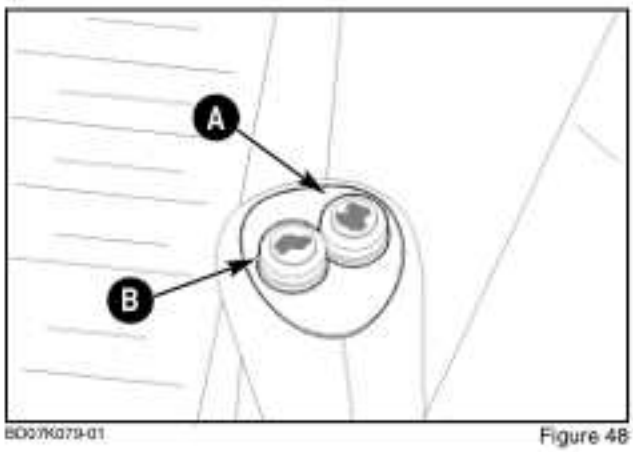
DIRECTION CONTROL LEVER, HYDROSTATIC DRIVE CONTROL, HAND THROTTLE



BD37K081-01 Figure 46



BD37K080-01 Figure 47



BD37K079-01 Figure 48

1. DIRECTION CONTROL LEVER

This lever controls the forward speed, neutral or reverse speed, as well as 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 gauge.

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

Close the fuel shutoff valve (if equipped).



BD08A412 Figure 51

1. Clean the filter head and the outside of the fuel filter.
2. Turn the filter counterclockwise and remove from the filter head.
3. Apply a thin layer of clean oil to the gasket of the new filter.
4. Install the filter. Use your hands to tighten the filter 3/4 turn after the filter makes contact with the filter head.
5. Loosen the filter approximately one turn.
6. Tighten the filter until the filter is touching the filter head and then tighten 3/4 turn. Do not use a strap wrench.
7. Open the shutoff valve at the hand primer.
8. Remove the air from the fuel system. See removing air from the fuel system.

In Line Filter Replacement

Replace the in line filter after 500 hours of operation.



BD02M137 Figure 52

9. Make sure the filter is placed in line with the correct flow direction.

REMOVING AIR FROM THE FUEL SYSTEM

Air must be removed from the fuel system if one or more of the following conditions occurs:

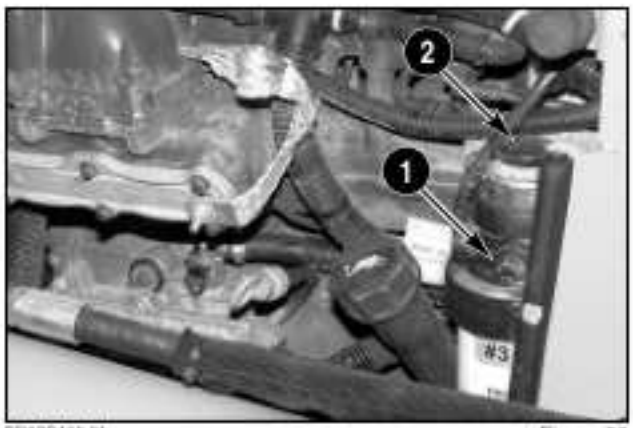
A. If the engine stops because of no fuel in the tank.

B. If the fuel filters are replaced.

C. If the fuel system is serviced.

D. If the machine has been in storage.

1. If necessary, fill the fuel tank.
2. Make sure the fuel tank shutoff valve is in the ON position.
3. Loosen the air bleed screw (1) on the filter head 1 or 2 turns.



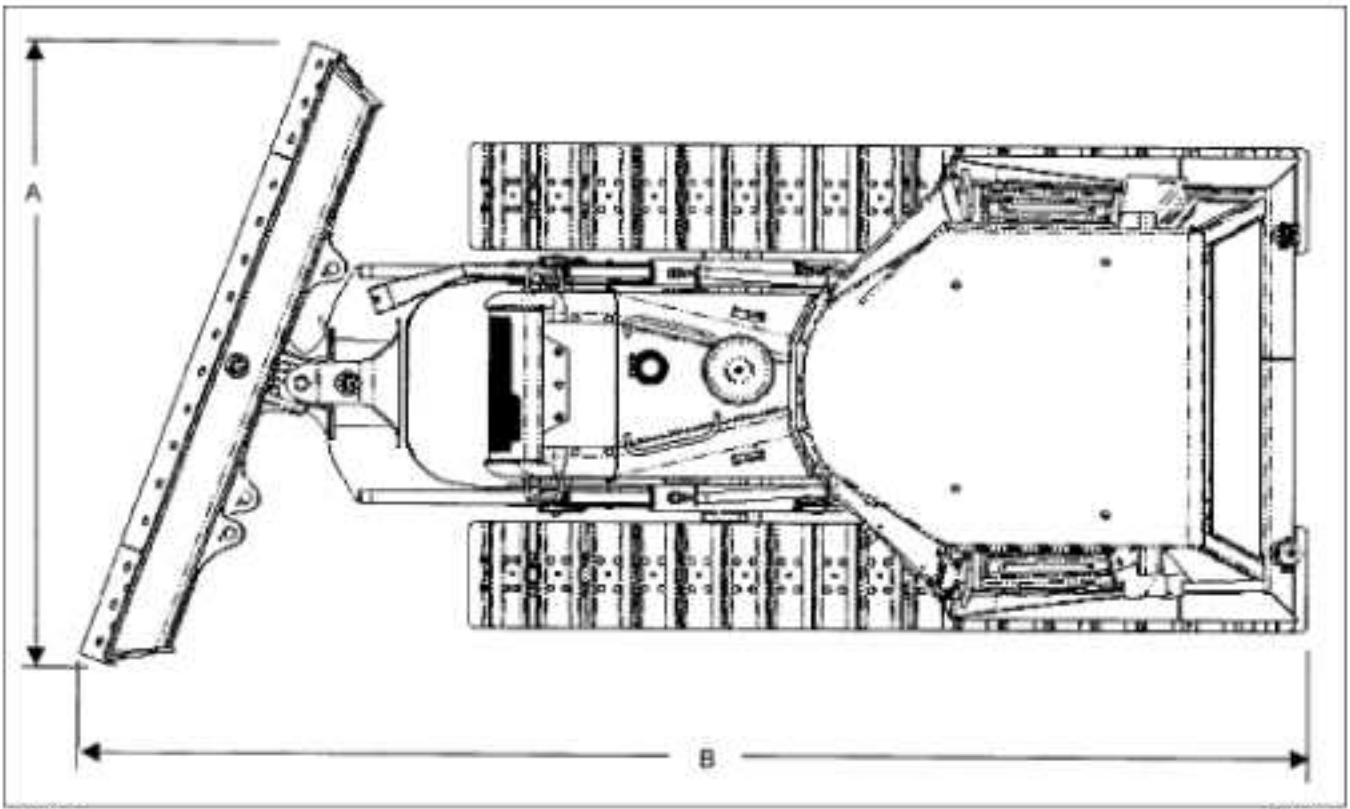
BD07G163-01 Figure 53

1. AIR BLEED FITTING
2. HAND PRIMER

4. Operate the hand primer (2) until fuel with no air bubbles flows from around the air bleed screw.
5. Tighten the air bleed screw.
6. Start the engine and check for fuel leaks.

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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 D85B w/o Drawbar		B D95B w/o Drawbar	
104 in (2642 mm)	2446 mm	96.3 in	4696 mm	184.9 in	4782 mm	188.3 in
110 in (2794 mm)	2585 mm	101.8 in	4728 mm	186.1 in	4814 mm	189.5 in
120 in (3048 mm)	2815 mm	110.8 in	4782 mm	188.3 in	4868 mm	191.7 in
124 in (3150 mm)	2907 mm	114.4 in	4803 mm	189.1 in	4889 mm	192.5 in
130 in (3302 mm)	3043 mm	119.8 in	4835 mm	190.4 in	4921 mm	193.7 in

NOTE: *Add 150 mm (5.9 in) for drawbar.*

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