CASE

PROFESSIONAL PARTNER

OPERATOR'S MANUAL

CRAWLER DOZER

650K
750K
850K
SERIES 3

87592079 NA

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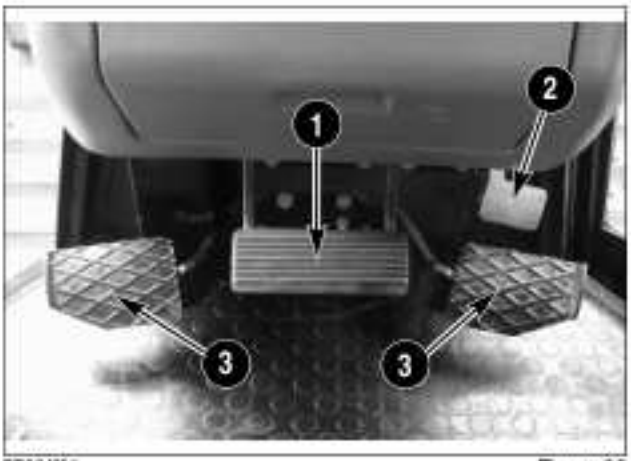
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BRAKE, DECELERATOR AND FOOTREST



BD96J224 Figure 33

1. BRAKE PEDAL

   Push this pedal to slow or stop the machine. Pushing the pedal all the way down will engage the parking brake.

2. DECELERATOR PEDAL

   Push this pedal down to reduce the machine speed. This command can reduce the speed all the way to zero by destroking the drive pumps along with decreasing engine RPM.

NOTE: *A good way to control the dozer for precision work is to use the decelerator like the brake pedal on a car with an automatic transmission.*

3. LEFT AND RIGHT FOOTREST

PARKING BRAKES



BD03H120 Figure 34

4. PARKING BRAKE LEVERS (ONE EACH SIDE)



BD02H121 Figure 35

PARKING BRAKE ENGAGED



BD02H122 Figure 36

PARKING BRAKE DISENGAGED (WORK POSITION)

Both parking brake levers need to be down for the machine to operate. These brakes are spring applied hydraulic released (SAHR).

NOTE: *Any time the crawler is not moving for 30 seconds or more the SAHR brake applies.*

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FUEL FILTER REPLACEMENT

Replace the fuel filter after every 500 hours of operation.



BD02J026 Figure 40

2. Clean the filter head and the outside of the fuel filter.
3. Turn the filter counterclockwise and remove from the filter head.
4. Apply a thin layer of clean oil to the gasket of the new filter.
5. Install the filter. Use your hands to tighten the filters 1/2 turn after the filter makes contact with the filter head.
6. Loosen the filter approximately one turn.
7. Tighten the filter until the filter is touching the filter head and then tighten 1/2 to 3/4 turn. Do not use a strap wrench.
8. Open the shutoff valve at the hand primer.
9. 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 41

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:

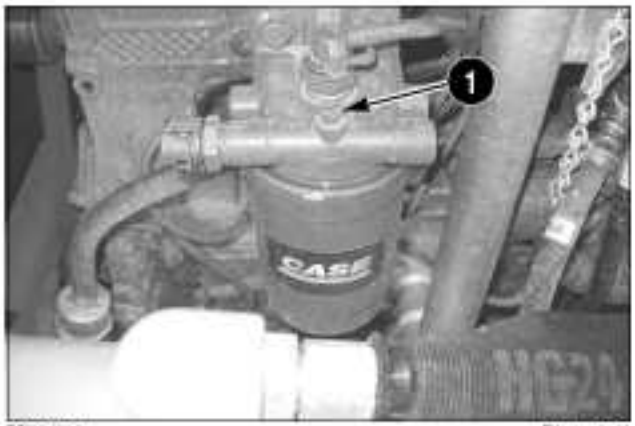
A. If the engine stops because of no fuel in the tank.

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.



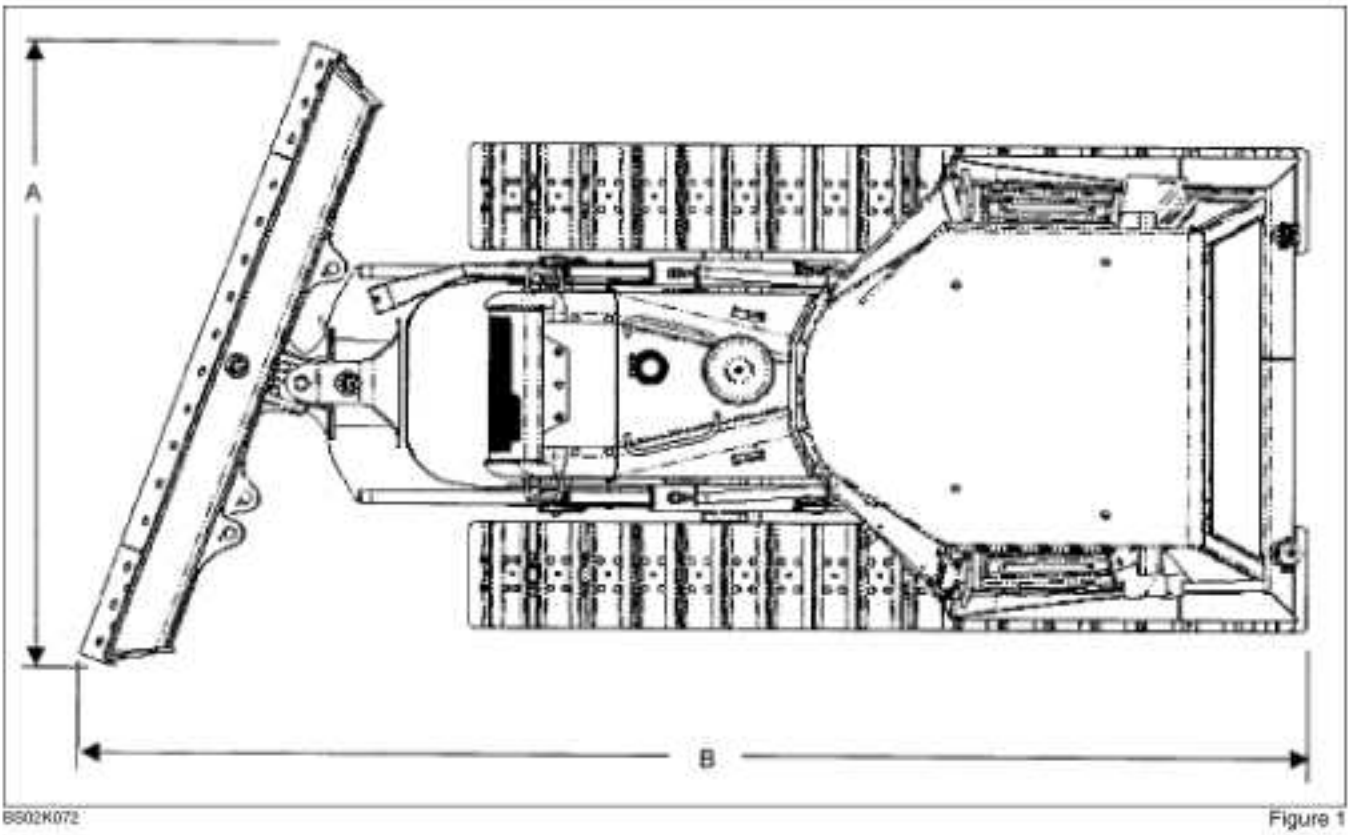
BD02J026 Figure 42

1. AIR BLEED SCREW

4. Operate the hand primer 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 LENGTH AND WIDTH WITH BLADE FULLY ANGLED 25 DEGREES



BS02K072

Figure 1

Blade width	A Transport width		B 650K Series 3 w/o Drawbar		B 750K Series 3 w/o Drawbar		B 850K Series 3 w/o Drawbar	
2 489 mm (98 in)	2 308 mm	90.9 in	4 618 mm	181.8 in				
2 642 mm (104 in)	2 446 mm	96.3 in	4 649 mm	183.0 in	4 696 mm	184.9 in	4 782 mm	188.3 in
2 794 mm (110 in)	2 585 mm	101.8 in	4 682 mm	184.3 in	4 728 mm	186.1 in	4 814 mm	189.5 in
3 048 mm (120 in)	2 815 mm	110.8 in	4 736 mm	186.5 in	4 782 mm	188.3 in	4 868 mm	191.7 in
3 150 mm (124 in)	2 907 mm	114.4 in	4 757 mm	187.3 in	4 803 mm	189.1 in	4 889 mm	192.5 in
3 302 mm (130 in)	3 043 mm	119.8 in			4 835 mm	190.4 in	4 921 mm	193.7 in

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

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