


Removal and Replacement of Dust Box

Function

To provide a general procedure for removing a dust box and installation of a replacement unit.

Tools Needed

- 3/4" Combination Wrench
- 3/4" Socket Wrench, Drive & Ratchet
- 2 - 16" Pipe Wrenches
- Screwdriver
- Welding Equipment & Supplies
- Lifting Sling, Rigging & Lifting Equipment
- Select and Use  Before Starting Job

Parts Needed


PART #	DESCRIPTION	QTY
56298	Dust Box Assembly	1
71590	Mounting Clips	2
-	Other Parts Required: See Figures 1 & 2	-

Machine Setup

1. Locate machine in safe area, under permanent roof support and outby the working face.
2. Place machine where dust box can be most easily accessed for lifting, removal, and welding.
3. Remove power from the machine at the power center. Lock and tag out the machine power cable.
4. Remove cover plates, as required, to access top, front, and rear of dust box.

5. Ensure that the dust box is empty before removal and replacement.

Removal Procedure

1. Remove dust hose clamps and inlet hose from inlet fittings. Mark hose for correct re-installation.
2. Remove inlet fitting assembly (complete) from inlet port and install in replacement dust box in corresponding port, and with the same orientation as removed from original dust box.
3. Remove dust hose clamps and outlet hose from outlet fittings. Mark hose for correct re-installation.
4. Remove outlet fitting assembly (complete) from outlet port and install in replacement dust box in corresponding port and with the same orientation as removed from original dust box.
5. Remove the two 1/2" mounting bolts. Retain the two bolts and lock washers for re-installing the new dust box. 
6. Using the lifting ring (located on top of dust box), lift dust box from machine chassis and remove.

WARNING

To prevent possible pinch point, make sure dust box door is latched closed before attempting to lift and remove.

Installation Procedure

1. Using lifting ring (located on top of the dust box), lift the replacement dust box onto the machine chassis.
2. Place the replacement dust box into final position.
3. Using the 1/2" bolts and lock washers (from removal of original dust box) install the two 71590 mounting clips.

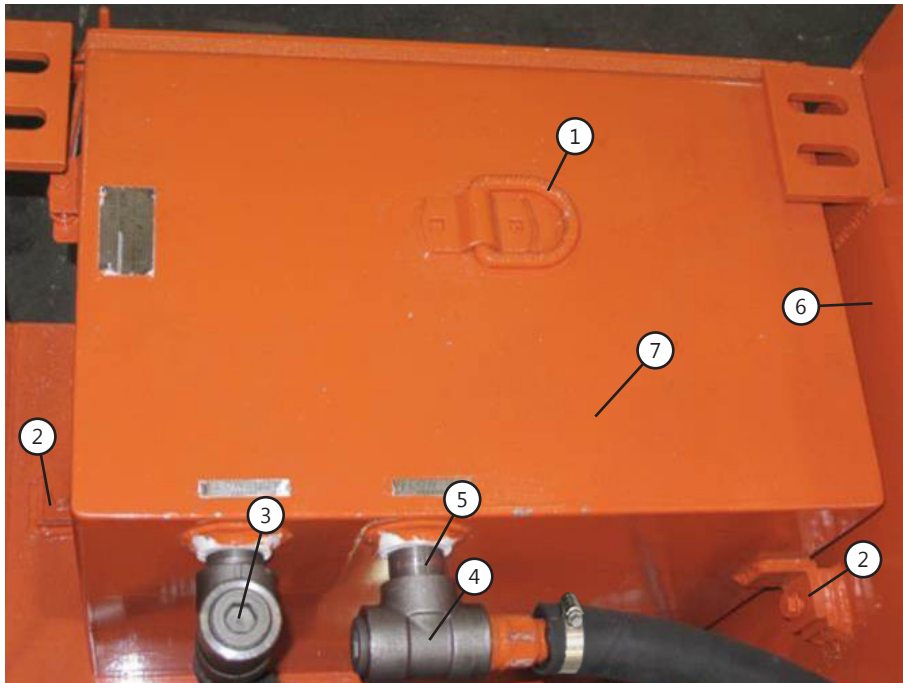
4. Weld the mounting clips to the dust box.

NOTICE

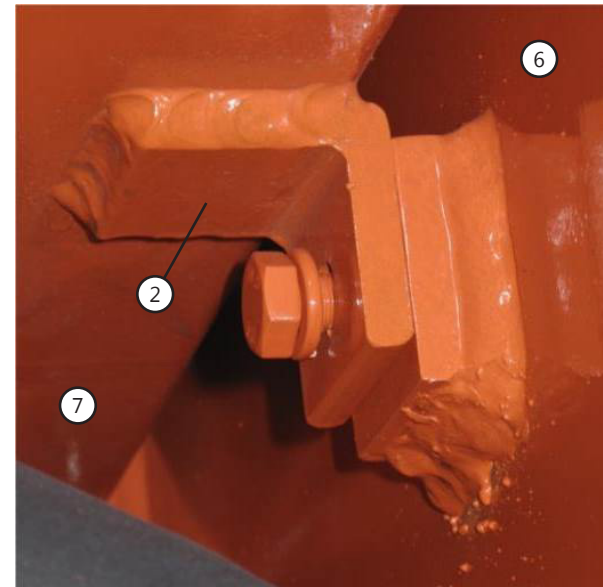
Dust box uses thin metal in its construction. Use caution when using a welder around box.

5. Install the inlet dust hose onto the inlet port fittings with clamps.
6. Install the outlet dust hose onto the outlet port fittings with clamps.
7. Re-install the cover plates.

Figure 1



Detail (Fig. 1)



Component Parts (Fig. 1)

ITEM	PART #	DESCRIPTION	QTY
1	-	Lifting Ring	-
2	71590	Mounting Clip	-
3	-	Outlet Port	-
4	-	Inlet Port	-
5	365311	Hose Adapter Fitting for Dust Bag Hose	-
6	-	Machine Chassis	-
7	56298	Dust Box Assembly	-

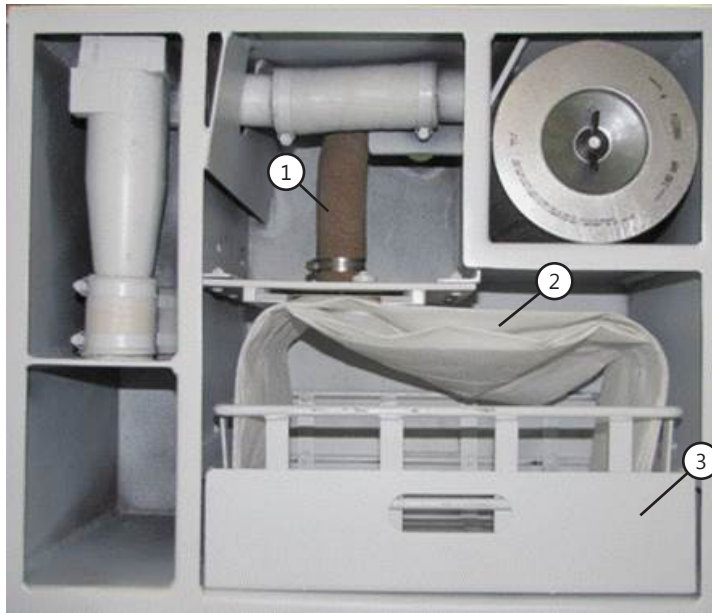
Note (Fig. 1)

Remove hose adapter fitting (Part # 365311) from existing dust box and install in replacement dust box.

Note (Fig. 2)

Parts not included in 56298 Dust Box Assembly. Must be removed from box being replaced, or ordered separately, and installed in replacement dust box.

Figure 2



Component Parts (Fig. 2)

ITEM	PART #	DESCRIPTION	QTY
1	57320	Dust Bag Connection Hose	-
2	57302	Dust Bag	-
3	415767	Drawer Assembly	-