HILLCO
TECHNOLOGIES

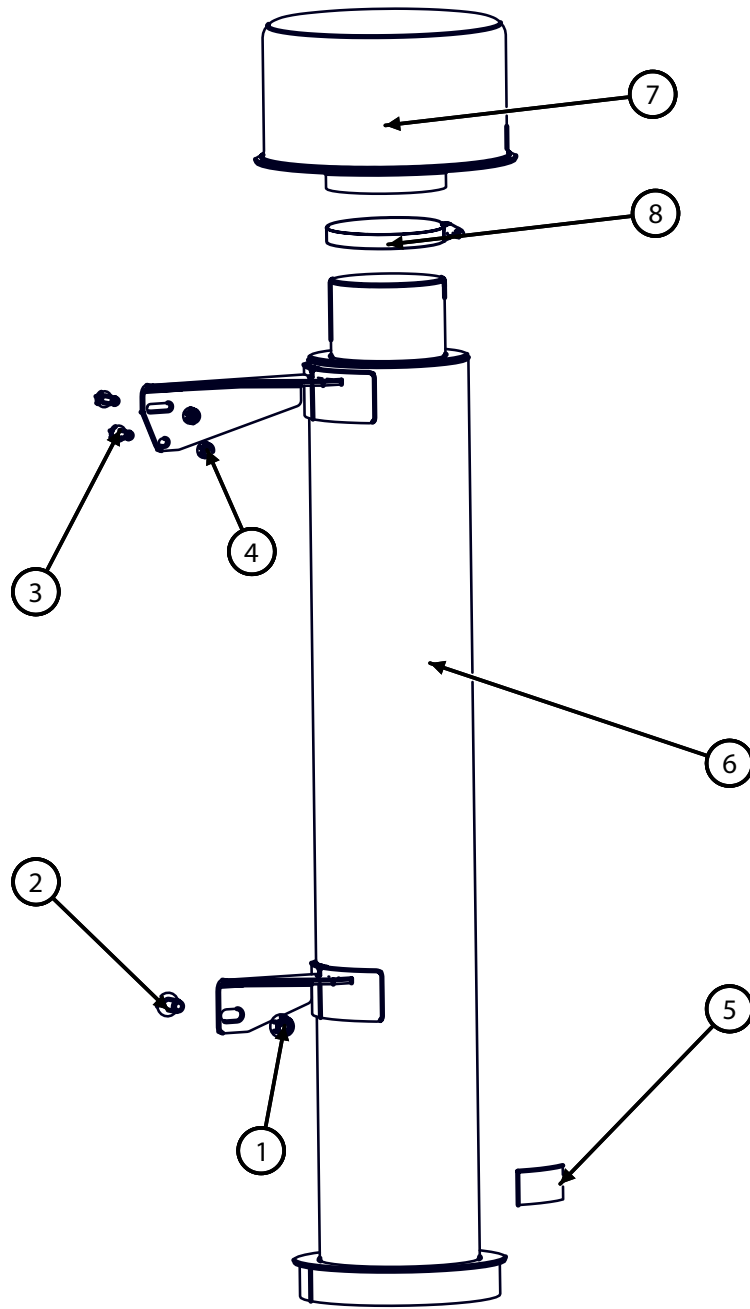# Hillco Precleaner Install Manual
for Magnum Tier4B Tractors
Models 250, 280, 310, 310 Rowtrac, 340, 340 Rowtrac, 380 & 380 Rowtrac

BOM ID	Part Number	Qty	Description
1	123.012	1	NUT, FLANGE M12
2	122.012.025	1	BOLT,HX,FL,CL10.9 M12X25
3	122.008.025	2	BOLT,HX,FL,CL10.9 M8X25
4	123.008	2	NUT, FLANGE M8
5	155516	1	HILLCO LOGO DECAL
6	1329231	1	TUBE, MAGNUM T4B
7	155485	1	EX-50 PRECLEANER, BLACK
8	5" Clamp	1	5" Clamp

Remove the original pre-cleaner by removing the two sets of bolts that secure the pre-cleaner to the cab (A). Discard fasteners. The only original mounting hardware left from the two cab mounts are the ears that are welded to the cab.

Loosen the clamp at the bottom of the pre-cleaner (B). Remove pre-cleaner. The clamp will be reused.
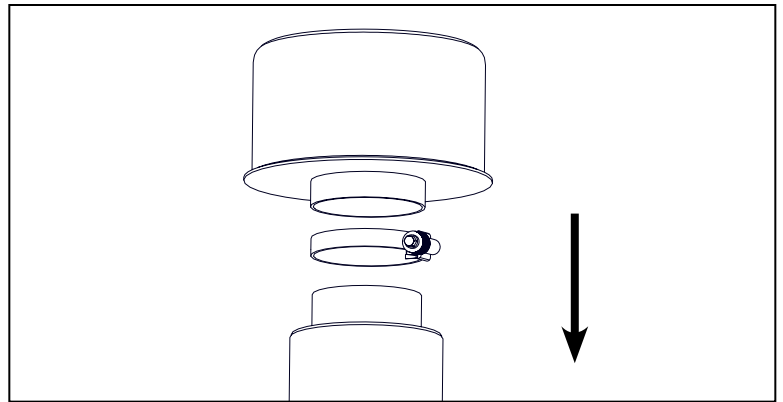

Install the intake to the cab using the original mounts on the cab. The top mount (C) will use two M8 x 25 bolts and two M8 nuts.

The bottom mount (D) will use 1 M12 x 25 bolt and nut. Leave the mounting bolts loose for now as the intake may need to be shifted around to get the precleaner secured to the top.
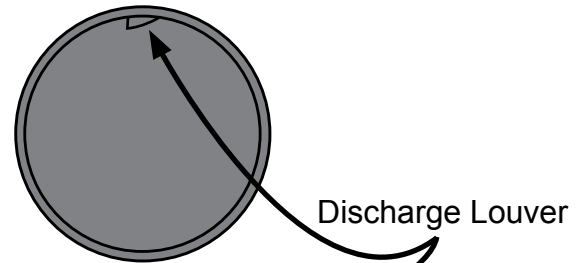
Install the rubber boot over the intake and secure with the original clamp (E)
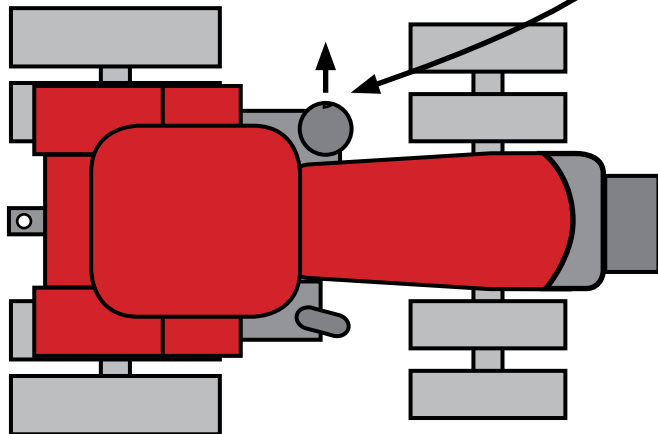

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Install the pre-cleaner to the intake tube. Press the intake all the way down onto the tube. Make sure that the slits in the pre-cleaner are covered so that all air entering has to go through the pre-cleaner.

Locate the discharge louver on the side of the pre-cleaner. Rotate the pre-cleaner on the intake tube so that the discharge louver is point to the outside of the tractor.

Secure pre-cleaner to intake with the provided 7" clamp. Tighten to 7.5 ft/lbs (90 in. lbs or 1.0369 kg-m)

Discharge Louver

Tighten the intake mounting bolts (A). The holes are slotted to allow the intake to be lined up vertically with the exhaust on the other side of the cab. When it is lined up tighten the two M8 bolts and one M12 bolt.

This completes the install.

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