

Cyclone Insert Assembly

Part No.	Description
1375153	Complete (inspection port cover, set screw, wing nuts) — used on Guzzler Classic units <u>prior to</u> PWO 4379
1375154	Cyclone weldment only — used on Guzzler Classic units <u>prior to</u> PWO 4379 (Fig. 1)
1375179	Complete (inspection port cover, set screw, wing nuts) — used on Guzzler Classic units <u>after</u> PWO 4379
1375178	Cyclone weldment only — used on Guzzler Classic units <u>after</u> PWO 4379
11219455	Inspection port cover plate for clean out access on top of cyclone (4 required per cyclone)
1160576	Socket set screw used in conjunction with wing nut for inspection port cover plate (4 required per cyclone)
1170051	Wing nut used in conjunction with socket set screw for inspection port cover plate (4 required per cyclone)
1374046	Cyclone weldment only — 2nd stage of filtration on DF ACE units. Call with Guzzler serial number to confirm. (Fig. 2)



Fig. 1



Fig. 2

TECH TIP: Cyclones are an important part of the filtration process. Damage, excessive wear, holes or corrosion will disrupt the efficiency of the cyclone separator. If any of these issues exist, replace the cyclone immediately. Use a silicone caulk to seal between the mounting lip provided on the cyclone to the support plate in the cyclone chamber in the body.

45-Degree Porthole Elbow (Schedule 80 steel)

Part No.	Description
1373717	6" (152 mm) with female end — uses 8" (203 mm) flange gasket 1250020
1370085	8" (152 mm) with female end — uses 8" (203 mm) flange gasket 1250020 (Fig. 1)
1370466	8" (203 mm) with wear cap with female end — uses 8" (203 mm) flange gasket 1250020 (used in high-wear applications) (Fig. 2)
1373466	8" (203 mm) with 8" (203 mm) threaded pipe nipple — uses 8" (203 mm) flange gasket 1250020 (used with camlock connections and pressure off-load systems) (Fig. 3)
1371016	10" (254 mm) with female end — uses 10" (254 mm) flange gasket 1250021



The porthole elbow, inlet tube, and wing deflector should be inspected before every operation to protect the tank from wear and also to prevent leakage of air.

70-Degree Boom Elbow

Part No.	Description
27771	Standard (HXX)
27771B	Ceramic-lined, used in high-wear applications (HXX)
27771E	Chromium coated, used in high-wear applications (HXX)



Elbows

Part No.	Description
1371236	8" (203 mm) XCR cyclone elbow for swing-out cyclone units — 8" (203 mm) female connection (Fig. 4)
1373980	8" (203 mm) High Rail boom elbow with flanged ends, clean-out ports and wear cap — used on High Rail boom option



Fig. 4

Porthole Inlet Tube

Part No.	Description
1374355	Directs material to inlet wing deflector — used in conjunction with porthole elbow



TECH TIP: Make sure to inspect the porthole inlet tube at least on a monthly basis. Good working order of the porthole inlet tube is critical to the proper deflection of incoming material to the inlet deflector wing, and to prevent material from wearing on the tank shell and ultimately wearing a hole in the tank.

JR Wing Deflector

Part No.	Description
1374700C	Deflector — bolt-on design for easy replacement
11216216	Mounting bracket — welded to interior of debris tank

The wing deflector is a bolt-on replacement part that slows down the material to prevent excessive carry over into the cyclone and baghouse. The wing deflector also helps to distribute the material in the debris body.



Classic Baghouse Door

Part No.	Description
1470788	For 60 filter bag setup (replacement gasket 1250161R)
61368A	Spring assembly (takes 2)



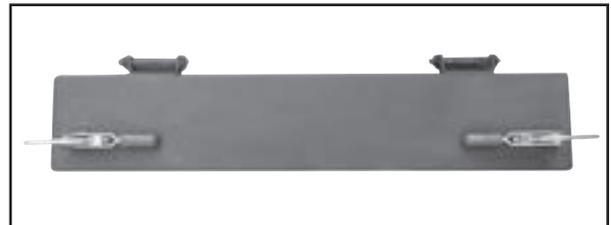
Classic Cyclone Door

Part No.	Description
1470789	For single mode CL units (replacement gasket 1250258R)



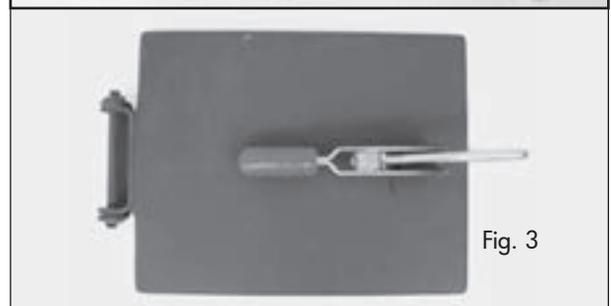
Classic Linear Wall Door

Part No.	Description
1375174	Linear wall clean-out door (replacement gasket 1250259R)



Clean-out Door

Part No.	Description
1374027	ACE side clean-out door — round (replacement gasket 1250327) (Fig. 1)
1450173	Swing bolt for ACE clean-out door — stainless steel (Fig. 2)
1450174	Swing pin for ACE clean-out door — stainless steel (Fig. 2)
1170102	Wing nut with washer for ACE clean-out door — forged steel (Fig. 2)
1470299	Classic side clean-out door — rectangular (replacement gasket 1250158R) (Fig. 3)



Dump Chute Door

Part No.	Description
1470014	LH used on early model units with square dump tubes (gasket 1250157R) (Fig. 1)
1470032	RH used on early model units w/ square dump tubes (gasket 1250157R)
1372814	12" (305 mm) door used w/ round dump tubes, gasket included (gasket 1250327) (Fig. 2)
1348169	Pin for Dump Tube

Dump Chute Door Plunger (Fig. 3)

Part No.	Description
1370016	Assembly includes: all-thread bolt, nuts and crutch tip — used as dump chute door lock-down
1321067	Crutch tip only — used on plunger assembly 1370016

ACE Baghouse Door Lid (Fig. 4)

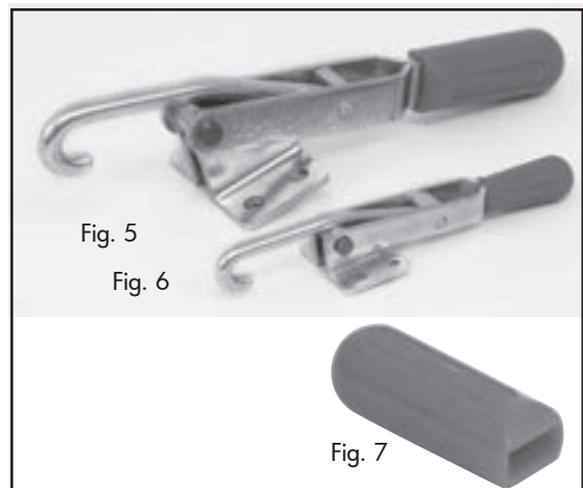
Part No.	Description
1373772	2 required per unit, gasket included (gasket 1250327)
1373775	Hinge Pin
13413800	Hinge Pin

ACE Cyclone Door Lid

Part No.	Description
1373774	2 required per unit, gasket included (gasket 1250327)
1373772	Baghouse lid, RH

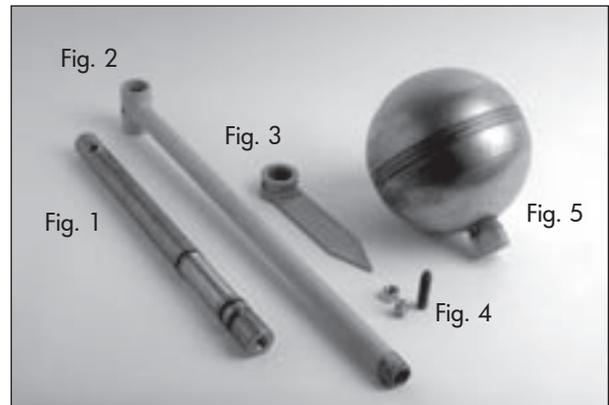
ACE Door Clamp

Part No.	Description
1320022	Used on Classic clean-out side doors (Fig. 5)
1320021	Used on round baghouse and cyclone doors (Fig. 6)
1320105	Replacement red handle used on door clamp 1320022 (Fig. 7)
1320024	Destaco lock



Rear Float Level Indicator

Part No.	Description
1490750	Assembly — includes shaft, arm, o-rings, dial, float ball, jam nut and grease fitting
1250076	O-ring used on shaft 1129470 (2 required)
1129470	Shaft — connects indicator dial to float level indicator arm, used in assembly 1490750 (Fig. 1)
1374583	Arm with 1/2" (12.7 mm) threaded connection — uses stainless steel float ball 1320541 (Fig. 2)
1372735	Indicator dial located on exterior of tank — red (Fig. 3)
1170087	Jam nut (Fig. 4)
1160475	Dog point screw (Fig. 4)
1320541	6" (152 mm) stainless steel float ball with 1/2" (12.7 mm) connection — used with arm 1374583 (Fig. 5)
1129471	Indicator bushing — carbon steel 5" x 2.5" OD x 1" ID (127 mm x 63.5 mm x 25 mm)



Side-Mounted Float Level Indicator

Part No.	Description
58099D	Assembly — includes shaft, arm, o-rings, dial, float ball, jam nut and grease fitting (Fig. 6)
37131	Float control weldment — pointed arm
37132B	Bushing assembly
40550	1/2" (12.7 mm) stainless steel flatwasher
41771	1/2" x 11/16" x 3/32" DIA o-ring (12.7 mm x 17.5 mm x 2.4 mm)
86248A	Float arm weldment
86248B	Float arm weldment
31069	Drain hose holder
45113	6" (152 mm) stainless steel float ball used with assembly 58099D
16420L	1/8" x 3/4" (3.2 mm x 19 mm) stainless steel roll pin



Float Level Indicator

Used on full-opening tailgates.

Part No.	Description
1320109	With stainless steel float ball
1320059	With plastic float ball



Float Ball (Stainless Steel)

Part No.	Description
1320456	6" (152 mm) with liquid level indicator
1320849	9" (228 mm) used on ACE units — uses float ball cage 1371777
44388	10" (254 mm) — 18 gauge, 7 lb
1320383	12" (305 mm) used on Classic units — uses float ball cage 1371525
44478	14" (355 mm) used on Classic units — uses float ball cage 1375194



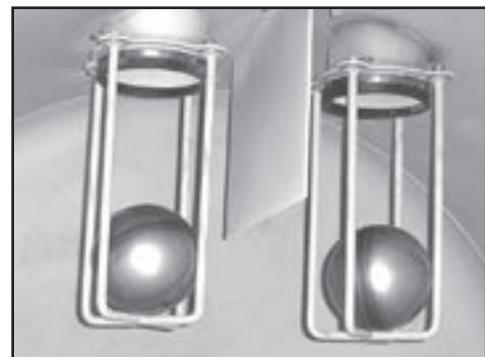
Float Ball (Mild Steel)

Part No.	Description
1320848	9" (228 mm) used on ACE units — uses float ball cage 1371777
1320431	12" (305 mm) used on Classic units — uses float ball cage 1371525
1320430	14" (355 mm) used on Classic units — uses float ball cage 1375194

TECH TIP: When float balls become worn from years of service, they often fill with material and no longer float. This may cause the unit to carry liquids over into the baghouse and cyclone — resulting in over filling the unit. Check float balls monthly for any signs of wear or damage to ensure proper operation.

Float Ball Cage (Mild Steel)

Part No.	Description
1371777	9" (228 mm) for ACE units
1371525	12" (305 mm) for Classic units
1375194	14" (355 mm) for Classic units
1250413	Rubber sleeve for float dhut off



Silencer

For Hibon SIAV 8702.

Part No.	Description
1470881	Inlet silencer
1470881B	Inlet silencer weather screen — used on inlet silencer 1470881 (Fig. 1)
1470882	Discharge silencer — no offset
46848A	12-3/4" (324 mm) rain cap — used on discharge silencer 1470882 (Fig. 2)

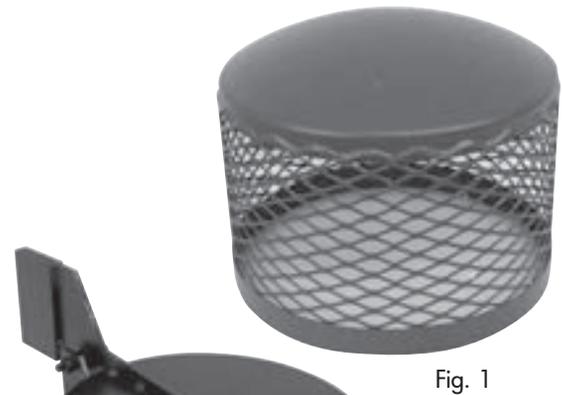


Fig. 1



Fig. 2

Silencer

For Roots 1021 DVJ 27" Hg blower.

Part No.	Description
1470714	Inlet silencer
1470318	Discharge silencer (Fig. 3)
1470839A	Inlet silencer weather screen — used on inlet silencer 1470714 (Fig. 4)
1240343	14" (355 mm) rain cap — used on discharge silencer 1470318



Fig. 3

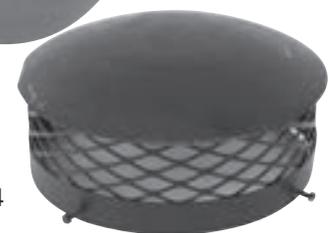


Fig. 4

Silencer

For NX 850.

Part No.	Description
1230702A	Discharge silencer (call with Guzzler serial number to confirm)
1230703A	Intake silencer (call with Guzzler serial number to confirm)
1370325	Silencer, AE, blower box mount
1240343	14" Rain cap



Microstrainer (Fig. 1)

Part No.	Description
1470706	Guzzler 1' 2-3/4" (375 mm) offset
1470736	Guzzler 2' 2-3/4" (679 mm) offset
1470781	ACE 1' 2-3/4" (375 mm) offset
1470705	Center mounted

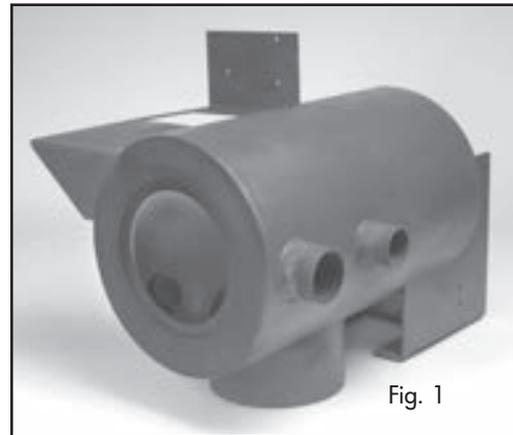


Fig. 1

Microstrainer Basket (Fig. 2)

Part No.	Description
1370173	11.19" OD x 10.75" tall (284 mm x 273 mm) Guzzler Classic microstrainer basket
1372419	10.75" OD x 18.69" tall (273 mm x 475 mm) Guzzler ACE microstrainer basket

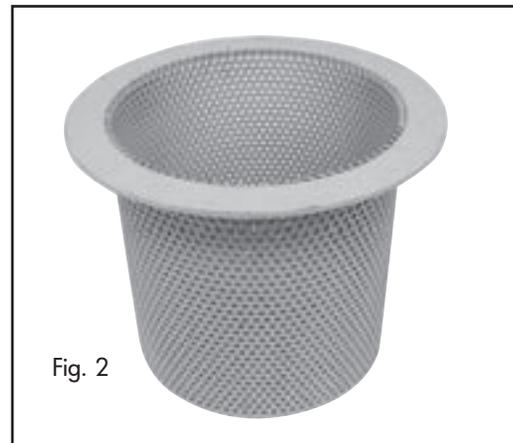


Fig. 2

TECH TIP: Remove and clean the microstrainer basket weekly of any material or objects that may have collected there. The microstrainer basket acts as protection for the blower to keep any foreign objects from passing into the blower and damaging it.

Boom – Miscellaneous Parts

Part No.	Description
1370055	Boom flange weldment — used on NX units (Fig. 3)
1210558	Boom break gear (Fig. 4)
1201007	Boom bearing (Fig.5)
1336131	Boom motor gear (Fig. 6)
116044B	SHCS, 1/2" x 2-1/4" holoch
1180070	Washer, 1/2" hi-collar
1160591B	SHCS, 1/2" x 2-1/4" UNC L9



Fig. 3



Fig. 4



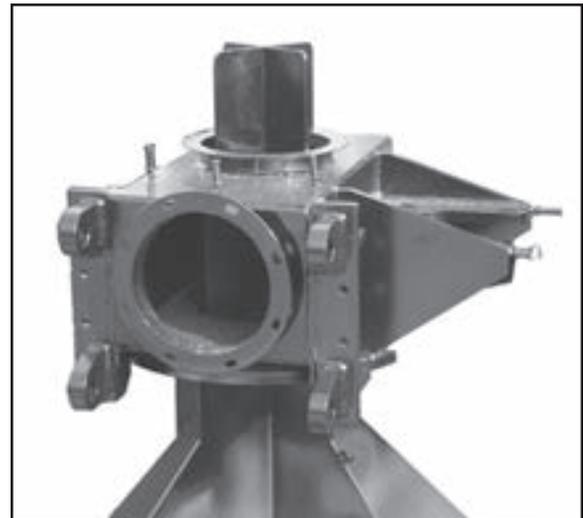
Fig. 5



Fig. 6

Boom Box

Part No.	Description
1374597	Used on High Rail, Standard Guzzler and ACE units
1122427	Boom blind flange PL 3/8" x 20-1/2" OD



ACE Tank Outlet Assembly

Part No.	Description
1374640	Tank outlet

Related Items

See Page G-5 for Float Ball Shut-off Rubber Seat.

See Page M-7 for Float Ball Cage.



Bag Hold-Down Assembly

Part No.	Description
1375516	Used on NX units



Tailgate Safety Pin (Fig. 1)

Part No.	Description
1372863	Half-opening, red

Tailgate Safety Prop

Part No.	Description
1375484	Half-opening used on 2007 and newer units, red
1374031	Full-opening

Debris Tank Safety Stand (Fig. 2)

Part No.	Description
1373701	Safety stand, new style

Tailgate Shim

Part No.	Description
11210504	3/8" x 5" x 7" (9.5 mm x 127 mm x 178 mm) (Fig. 3)
11212338	Lock bracket shim, 5" x 7" x 16 ga. (127 mm x 178 mm) (Fig. 4)
11212339	Lock pin sleeve shim (Fig. 5)

Pin-Wheel Latch

Manual pin-wheel latch assembly used on half-opening and full-opening tailgates.

Part No.	Description
1372005A	Wing bolt (Fig. 6)
1374573	Wing bolt handle (Fig. 7)
1320114	Thrust bearing (Fig. 8)
1374218	Wingnut latch kit for Guzzler w/ offload system

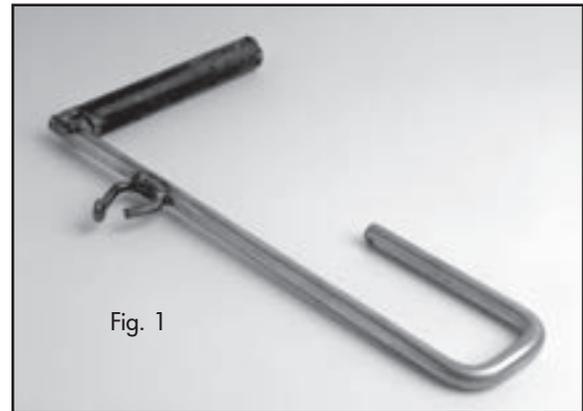


Fig. 1



Fig. 2



Fig. 3

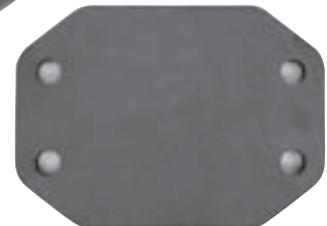


Fig. 4



Fig. 5



Fig. 6

Fig. 7

Fig. 8

Elbow Installation

Elbow installation from top tank exit to make/break.

Part No.	Description
1375371	Used on NX units



Make/Break Installation

Make/break transition weldment with compression joint.

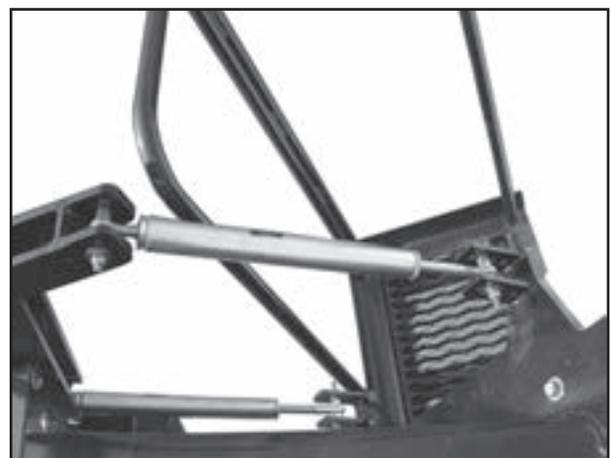
Part No.	Description
1375493B	Call with Guzzler serial number to confirm



Spring Strut Assembly

Used on early model NX units.

Part No.	Description
1353014	Assembly with rod ends



Vacuum Relief Basket (Fig. 1)

Part No.	Description
1375486	4" (101 mm)
1375487	6" (152 mm)

Vibrator Bracket

Part No.	Description
1371869	Mounting bracket for electric and hydraulic vibrators



Transfer Case Driveline Cover

With access door to grease transfer case to blower driveline.

Part No.	Description
1375594A	Drivelone cover assembly, Alum.
11222211	Bracket, Driveline cover
11212637	Dumptube Hanger bracket



Static Ground Reel

Used on all units.

Part No.	Description
1190282	50' (15 m) orange cable with clamp
1190282A	25' (7.6 m) orange cable with clamp
1190282A	25' (7.6 m) Replacement cable and connector



Isolator

Part No.	Description
71098	Rubber — used on NX units (Fig. 1)
1320907	Vibration — used on control panel (Fig. 2)

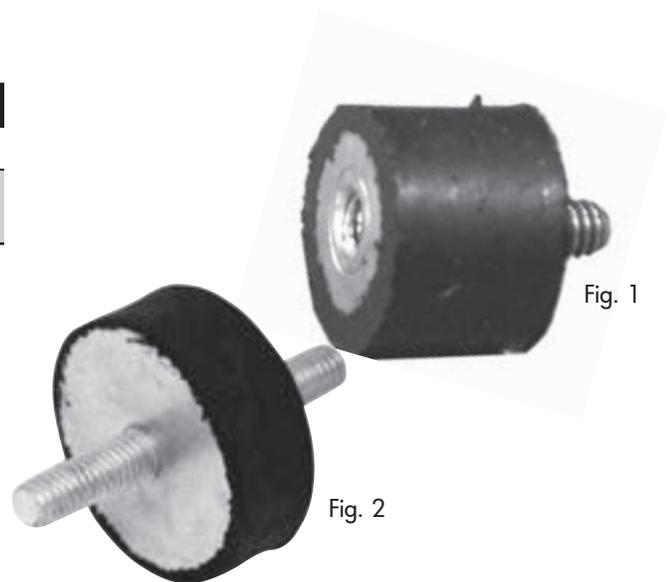


Fig. 1

Fig. 2

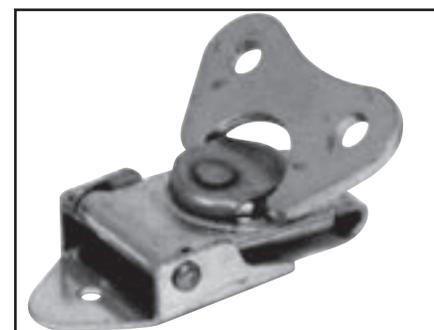
Groove Coupler

Part No.	Description
1281030	Aluminum — used on NX recovery system
1281030A	Aluminum groove / groove coupler



Butterfly Latch

Part No.	Description
1320840	Guzzler — used on the control panel



Fender Light Bracket

Part No.	Description
11220396	Fender light bracket (Fig. 3)
11220077	Fender light mount, rear
1126938	Tail light bracket

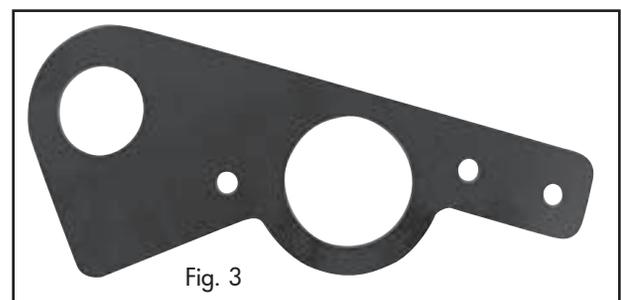
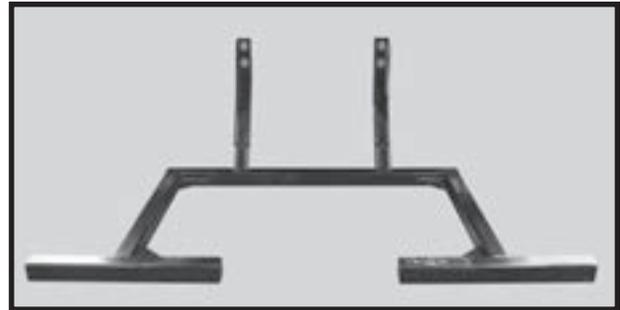


Fig. 3

Rear Bumper

Part No.	Description
1490834	Quick release — used on units with a sludge pump off-load
1373299	Bumper, Guzzler or Ace
1373515	Dumptube hanger weldment, 12" Ace
11212637	Dumptube hanger bracket, un-pai
1375483	Rope ladder weld, bolt-on Guzzler rear door platform
1373463	ladder support



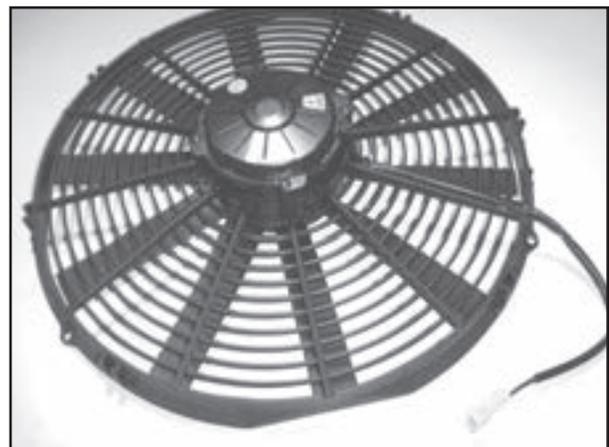
Mud Flap

Part No.	Description
1250034	FS Solutions logo — black rubber with white lettering, 24" x 36" (610 mm x 914 mm)
1290863	Spring-loaded brackets — 2 per set
46661	Anti-sail frame — sold individually, 2 required per truck



Cooling Fan

Part No.	Description
48603	Electric — used on NX sound enclosure



Tie Down

Part No.	Description
1160545	Eye bolt, 5/8" NC - 5"
1170100	Nut, eye, bail size 1/2", tap size 5/8", Max. work load 3500 lbs.
1373403	Baghouse and cyclone tie down clamp
24901	Pin - .625" diam. x 2.25"
1250345	O-ring

Ace Fenders

Part No.	Description
11219624	Conduit, Steel, 1 EMTX53.
11219625	Conduit, Steel, 1 EMTX22.500
11220176	Fender Mounting, Reinforcement
11220395	Fender bolt-on sub-frame
1374609	Fender Hanger bracket