



PD-110™ / PD-140™ PD-200™

AIR-OPERATED POST DRIVER OWNERS MANUAL



MODELS: 070593, 070594, 070746, 070758



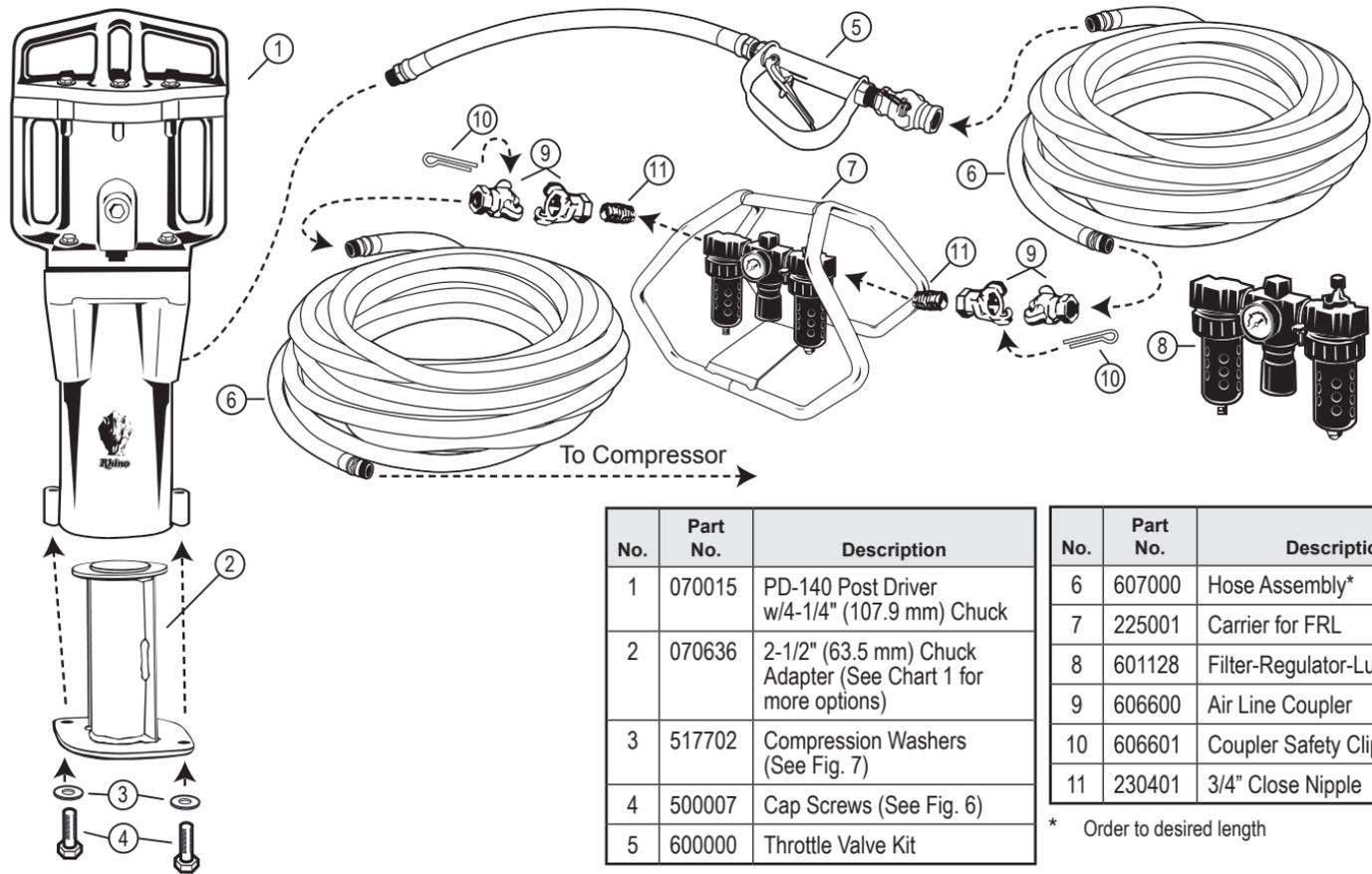


Fig. 3 - Connecting PD-140 to a post driving system.

No.	Part No.	Description
1	606600	Coupler
2	606601	Safety Clip
3	610024	Screen Filter Fitting
4	610026	Throttle Valve w/Lever Guard
5	605006	3/4" (19 mm) Hose Per Foot*

* Order length needed

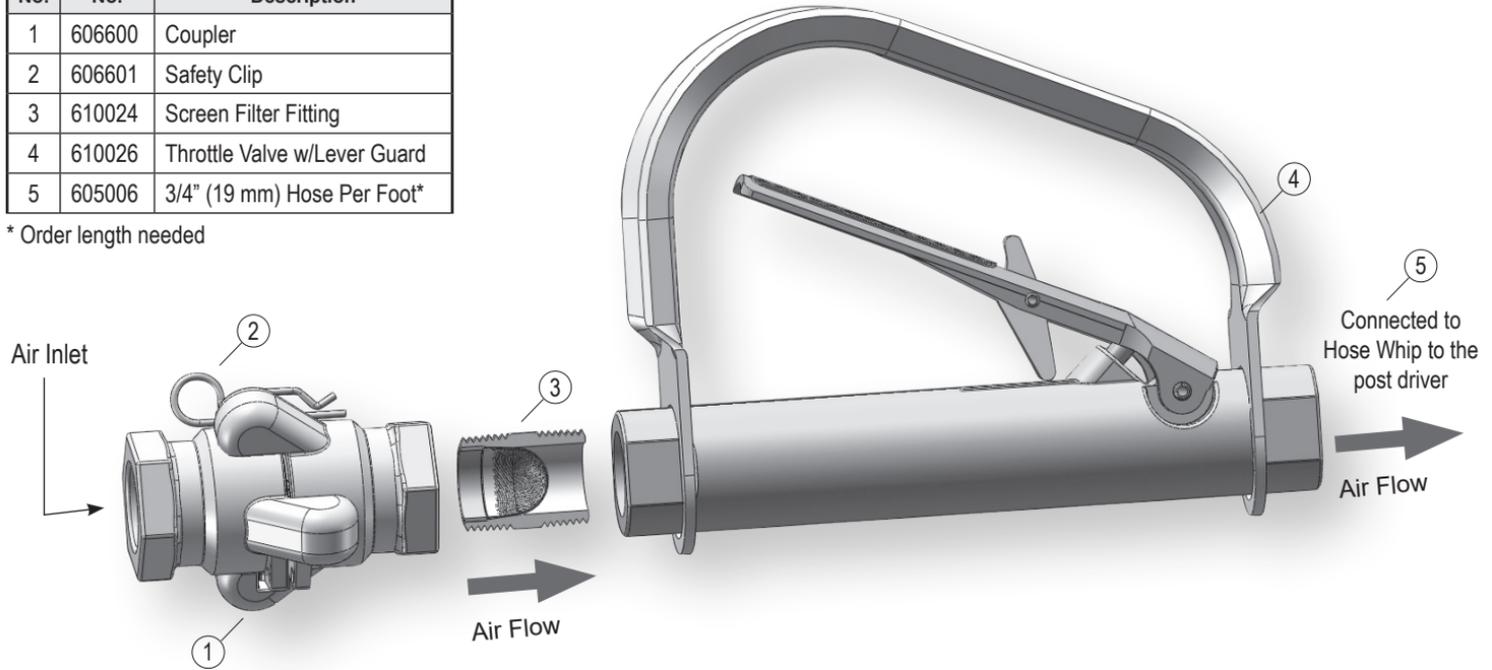


Fig. 5 - Assembly of the Throttle Valve.

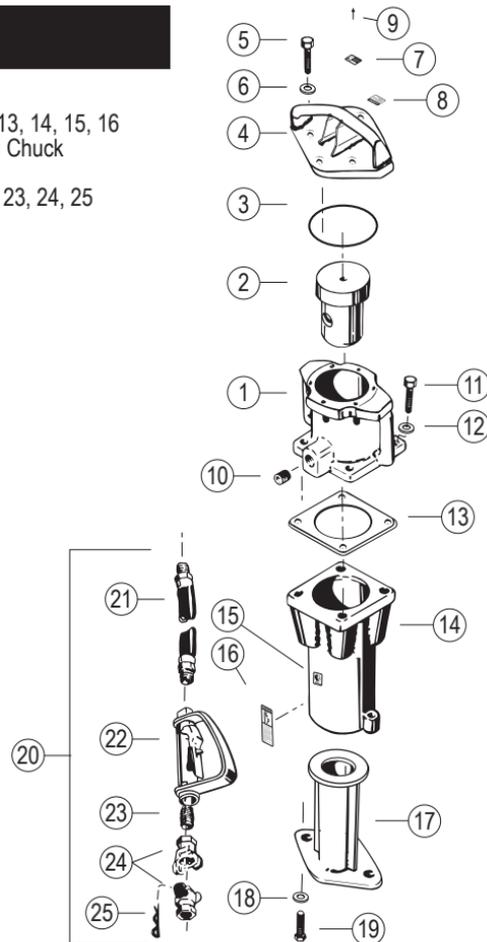
RHINO® PD-140 DRIVER PARTS LIST

No.	P/N	Description
	070015	Model PD-140 with 4-1/4" (107.9 mm) I.D. Master Chuck
1	070585	Body
2	070046	Piston
3	499403	O-ring
4	070595	Top Cover
5	500022	Cap Screw (6 per driver)
6	517705	Compression Washer (6 per driver)
7	241	Model/Serial No. Plate
8	242	Warning Plate
9	519004	Metal Tack (8 per driver)
10	230400	Pipe Plug
11	500180	Cap Screw (4 per driver)
12	517702	Compression Washer (4 per driver)
13	700002	Gasket
14	070594	4-14" (107.9 mm) I.D. Master Chuck Assembly*
15	135	Rhino Decal
16	245	Warning Label
17**	070636	(Optional) 2-1/2" (63.5 mm) I.D. Chuck Adapter
18	517702	Compression Washer (2 w/optional adapter)
19	500007	Cap Screw (2 w/optional adapter)
20	600000	Throttle Valve Kit w/ 5 ft. Hose Assembly ***

* Includes numbers 11, 12, 13, 14, 15, 16

** See page 4 for specifying Chuck Adapter to your application

*** Includes number 21, 22, 23, 24, 25



RHINO® PD-140 DRIVER PARTS LIST

No.	P/N	Description
21	607000	3/4" (19 mm) Hose Assembly
	605006	3/4" (19 mm) Hose Per Foot (Order Length Needed)
22	610026	Throttle Valve with Lever Guard
23	610024	Screen Fitting
24	606600	Coupler (2 per Throttle Valve Kit)
25	606601	Safety Clip
Accessories		
	601128	Filter-Regulator-Lubricator
	225001	Carrier for the Filter-Regulator-Lubricator
	070634	PD 140 3 5/8" (92 mm) Chuck Adapter
	070635	PD 140 3" (76.2 mm) Chuck Adapter
	070636	PD 140 2 1/2" (63.5 mm) Chuck Adapter
	070637	PD 140 2" (50.8 mm) Chuck Adapter
	070640	PD 140 1-1 1/2" Channel Post Adapter
	070641	PD 140 2-2 3/4" Channel Post Adapter
	070642	PD 140 3-4" Channel Post Adapter
	070874	PD 140 Adapter for the Channel Post Break-Away Anchor System
	070836	Drive Cap for the Channel Post Break-Away Anchor System
	071260	2" (50.8 mm) Drive Cap for Schedule 40 Pipe with T-Bar and Clip
	071261	2 1/2" (63.5 mm) Drive Cap for Schedule 40 Pipe with T-Bar and Clip
	071262	3" (76.2 mm) Drive Cap for Schedule 40 Pipe with T-Bar and Clip

No.	P/N	Description
	071263	3 1/2" (89 mm) Drive Cap for Schedule 40 Pipe with Slammer Hammer
	071015	PD 140 Adapter for the Square Tube Break-Away Anchor System
	071004	1 1/4" (31.75 mm) Drive Cap for the Square Tube Break-Away Anchor
	071005	1 1/2" (38.1 mm) Drive Cap for the Square Tube Break-Away Anchor
	071006	1 3/4" (44.45 mm) Drive Cap for the Square Tube Break-Away Anchor
	071007	2" (50.8 mm) Drive Cap for the Square Tube Break-Away Anchor
	071008	2 1/4" (57.15 mm) Drive Cap for the Square Tube Break-Away Anchor
	071009	2 1/2" (63.5 mm) Drive Cap for the Square Tube Break-Away Anchor
	070061	4x6 (101mm x 152mm) Master Chuck for H-Column Guardrail Post
	070062	4x6 (101mm x 152mm) Drive Cap for H-Column Guardrail Post
	070063	4"x4" (101mm x 101mm) Wood/Metal Post Chuck
	070597	PD 140 Slotted Sheet Pile Master Chuck
	070644	PD 140 4 3/4" Master Chuck Assy †
	071264	4" (101.6 mm) Drive Cap for Schedule 40 Pipe with Slammer Hammer-
	071218	PDT 140 Transport Kit

+ 070644 Required

† Includes numbers 11, 12

Symptom	Explanation/Procedure
Post lodged in the driver	<ol style="list-style-type: none">1. Remove the 2 bolts that secure the adapter and separate the driver from the adapter.2. Slide the adapter down the post to expose the top of the post. With the proper cutting tool for the type of post, cut through the post below the flared portion.3. Once the deformed portion is removed, slide the adapter off the post and reassemble it to the driver. Please follow bolt tightening procedure.
Drives post slow or sluggish performance	<ol style="list-style-type: none">1. Inspect the chuck to see if there is any foreign material blocking the piston.2. Check to see if piston is moving freely by disconnecting the driver from air, tipping upside down and back upright. You should be able to hear the piston moving freely.3. Check to ensure the rate of lubrication is adequate.4. If using a FRL, inspect the filter on the FRL, if impacted with residue replace with new filter.5. Inspect the filter on the Throttle. If clogged, blow off debris with air hose, or clean with a common cleaning solvent.6. Check to see if air pressure is correct7. Check output on compressor8. In temperatures under 40°F (4°C) or high humidity conditions check air lines and tool for icing.
Noticeable air passing through driver or “blow by”	To confirm this condition exists, connected to air source, place driver on a post, while activating the throttle lift the driver slightly if the piston increases in activity blow by is confirmed. This indicates there is most likely damaged or worn parts inside the driver. In this event the driver should be sent to Rhino Tool Company to be inspected and we will report if the driver is repairable.
Other problems or technical questions	Other problems or technical questions: Document your serial number and contact Rhino Tool Company. Phone: 309.853.5555 or Toll Free 866-707-1808, Fax:309.856.5905, Email: service@rhinotool.com . In Europe contact Eurogate Int. F: (0031) (0) 523 638286, M: (0031) (0) 610 502607.



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