



Ranch Pro™

GAS/PETROL POST DRIVER
OWNERS MANUAL

CE MODEL: 300001



TAKE SAFETY SERIOUSLY

This book contains important safety information.
Please read it carefully.



This owner's manual is considered a permanent part of the post driver and should remain with the post driver if resold, rented or loaned.

Your safety, and the safety of others, is very important. The proper and safe use of your Rhino® post driver is an important responsibility and should be taken seriously.

Keep this owner's manual available, so you can refer to it at any time. This owner's manual is considered a permanent part of the post driver and should remain with the post driver if resold.

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To help you make informed decisions about safety, you will find important safety information in a variety of forms, including:

- Safety Labels on the post driver
- Safety Messages Preceded by a safety alert symbol and one of three signal words, DANGER, WARNING, or CAUTION. These signal words mean:



DANGER

Immediate hazards that will result in severe personal injury or death.



WARNING

Hazards or unsafe practices that could result in personal injury.

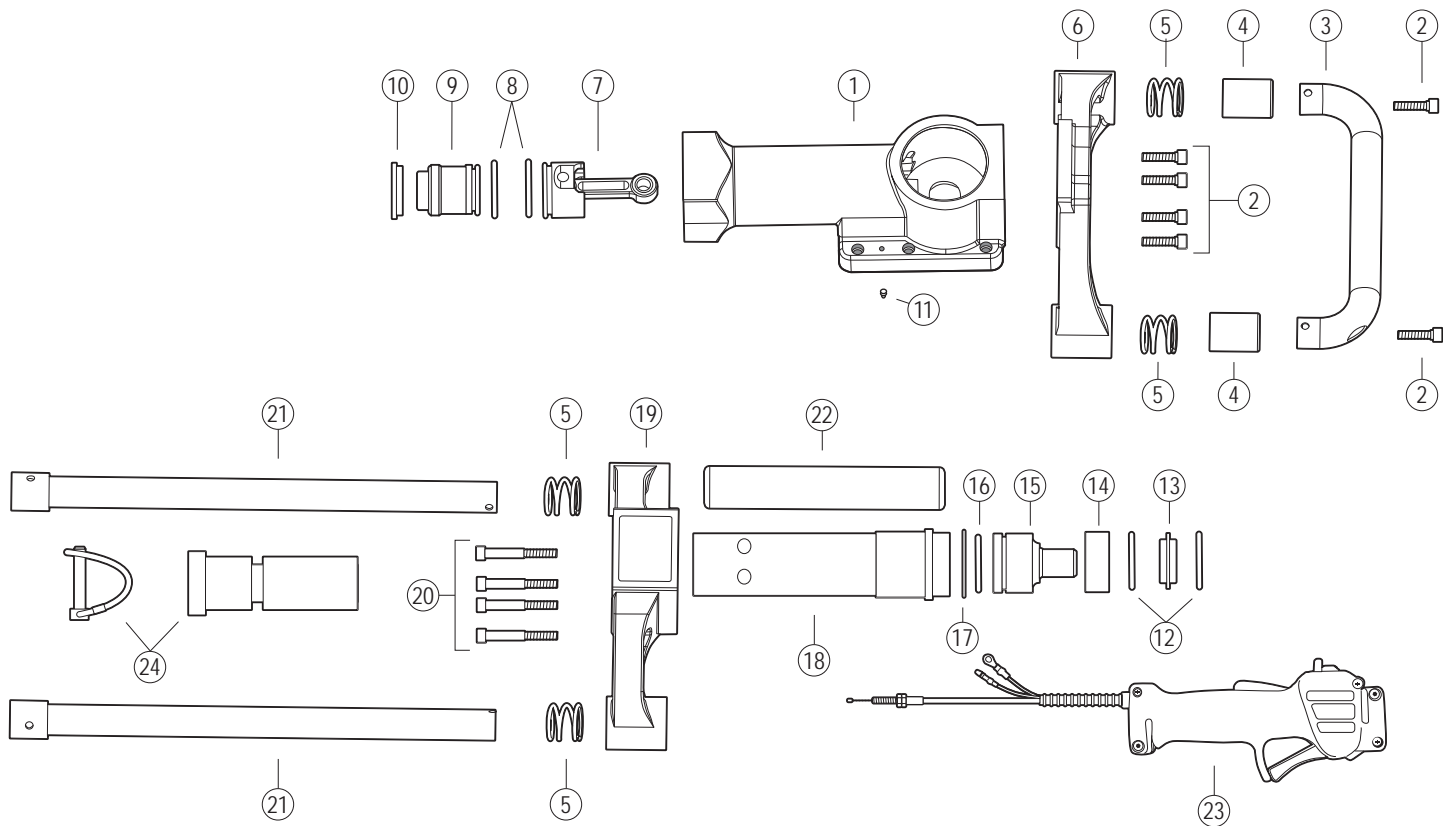


CAUTION

Hazards or unsafe practices that could result in injury, product or property damage.

- Safety Headings such as IMPORTANT SAFETY INFORMATION.
- Safety Section such as POST DRIVER SAFETY.
- Instructions how to use this post driver correctly and safely.

RHINO® RANCH PRO™ PARTS



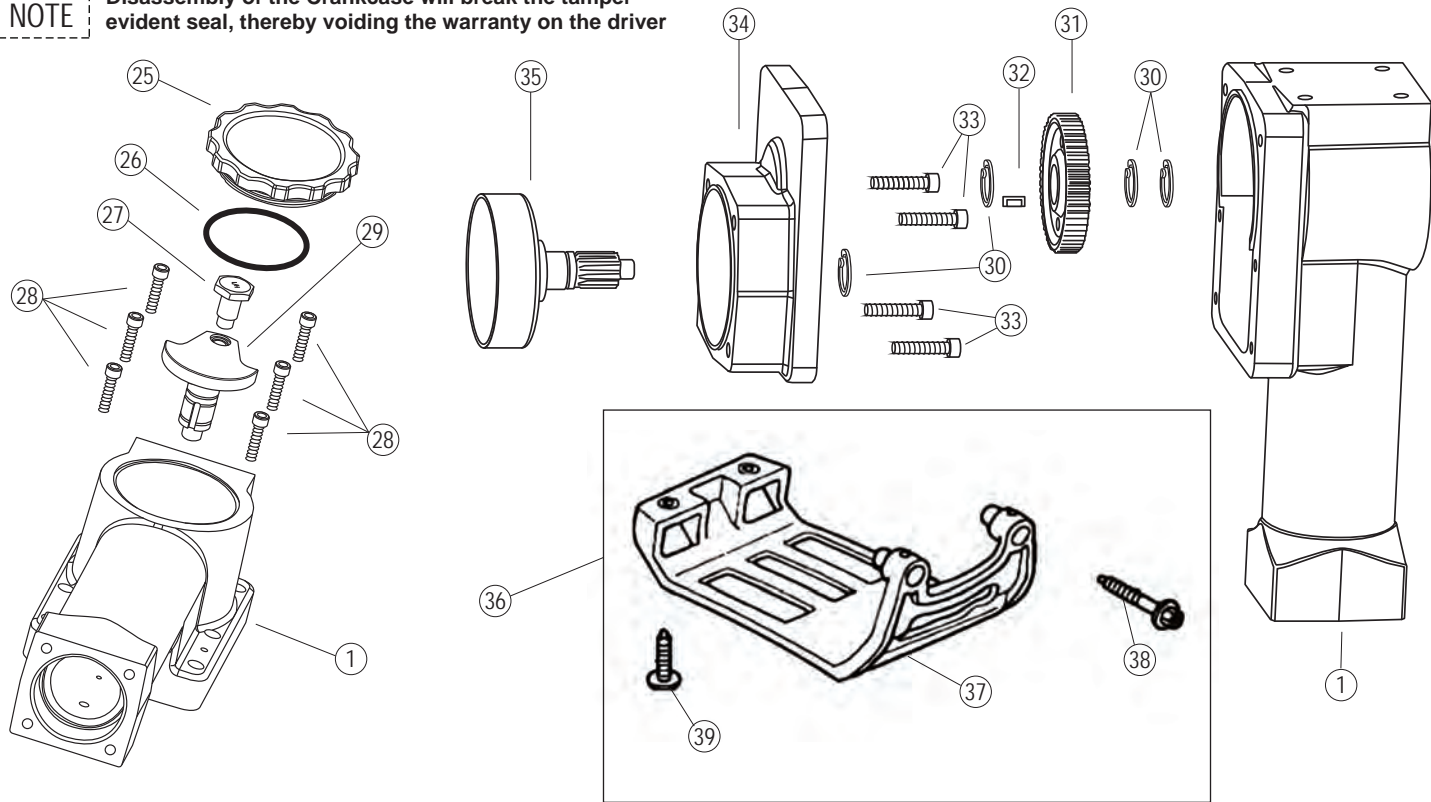
No.	P/N	Description
1	300015	Post Driver Body with Cylinder and Bearings
2	300715-4	Top Handle Bolt Set (qty. of 4)
3	301222	Top Handle Assembly
4	301221-2	Handle Collar (qty. of 2)
5	610010-4	Handle Anti-Vibration Spring (qty. of 4)
6	300214	Top Handle Bracket
7	300075	Piston and Connecting Rod Assembly
8	300600-2	Piston O-ring Seal and Hammer O-ring Seal (qty. of 2)
9	300080	Hammer
10	300110	Anvil O-ring Retainer
11	300712	Ground Bolt
12	300604-2	Large Retainer O-ring Seal (qty. of 2)

No.	P/N	Description
13	300100	Large Retainer
14	300090	Anvil O-ring Cup
15	300160	Anvil
16	300606	Anvil O-ring
17	300608	Chuck Tube O-ring Seal
18	300156	Ranch Pro Chuck Tube
19	300031	Lower Driver Body
20	300702-4	Lower Body Bolts (qty. of 4)
21	301232	Pro Series Side Handle Assembly (qty. of 2)
22	300221	EPDM Handle Grip
23	300250	Throttle Control
24	300897	1" Adapter with Lock Pin

RHINO® RANCH PRO™ PARTS

NOTE

Disassembly of the Crankcase will break the tamper evident seal, thereby voiding the warranty on the driver



RHINO® RANCH PRO™ PARTS

No.	P/N	Name
1	300015	Post Driver Body with Cylinder and Bearings
25	300132	Crankcase Cover
26	301617	Crankcase Cover O-ring Seal
27	300050	Crank Pin
28	300704-6	Crankcase Bolts (qty. of 6)
29	300040	Crankshaft
30	300782-4	Retaining Ring for Crankshaft & Clutch Drum with Pinion Gear (qty. of 4)
31	300200	Gear
32	300730	Key
33	300700-4	Clutch Housing Bolts (qty. of 4)
34	300025	Clutch Housing with Bearings
35	300120	Clutch Drum with Pinion Gear
36	300184	Honda OEM Tank Guard Kit
37	300183	Tank Guard
38	504015-2	Bolts (qty. of 2)
39	504016-2	Bolts (qty. of 2)
	300240	Honda GX35 Engine (contact Honda Engine Dealer for servicing)
	300800	Ranch Pro Owner's Manual
	300805	Safety Label and Tag Set

No.	P/N	Name
	Honda Engine Parts	Honda Engine Parts are Available from Your Local Honda Dealer
Accessories		
24	300897	1" Adapter with Lock Pin
	301233	Lower Handle Assembly (optional)
	300500	Rhino® Pro Series Lubricant
	300508	Service Kit for Ranch Pro™
Bolt Torque Specifications		
2	300715-4	Top Handle Bolt Set – 132.0 in/lbs (14.91 Nm)
20	300702-4	Lower Body Bolt Set– 132.0 in/lbs (14.91 Nm)
27	300050	Crank Pin (Left Hand Threads)– 360.0 in/lbs (40.6 Nm)
28	300704-6	Crankcase Bolt Set 75.0 in/lbs (8.5 Nm)
33	300700-4	Clutch Housing Bolt Set – 95.0 in/lbs (10.73 Nm)
39	300706-2	Shroud Bolt (2 per driver)– 56.4 in/lbs (6.37 Nm)
40	300707-2	Lower Shroud Bolt (2 per driver)– 56.4 in/lbs (6.37 Nm)

Symptom	Explanation/Procedure
Post lodged in the driver	<p>In the event that a driven post flares and becomes lodged within the chuck, follow these steps:</p> <ol style="list-style-type: none"> 1. Turn engine off. Remove the four 5/16" lower body bolts and separate the lower body casting from the driver body. 2. Slide the lower body casting down the post to expose the flared 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 flared portion is removed, slide the lower body casting off the post and reassemble it to the driver. Please follow bolt tightening procedure and use threadlocker.
Drives post slow or sluggish engine performance:	<p>Typically this is resulting from improper driver storage or over-filling the oil causing the oil to seep into the combustion chamber. Position the driver vertically, remove the dipstick to check oil level. (See page 6) If you need to remove some oil, dispose of it properly.</p> <p>If oil is at proper level, follow the procedure listed in "Pull-start is frozen or hard to pull."</p>
Pull-start is frozen or hard to pull:	<p>This typically results from oil seeping into the combustion chamber from improper driver storage or overfilling the oil reservoir of the engine. Remove spark plug and pull hand grip several times until it pulls freely. Replace the spark plug. Check the oil level in oil reservoir to ensure proper level (page 6). Follow starting procedure. It is not unusual, for blue smoke to be emitted from the engine, let the engine run until smoke clears.</p>
Proper Storage:	<p>Do not lay horizontally on the driver side or resting on the engine. If the unit cannot be stored securely in the upright position, place the chuck on a flat surface, leaning toward the engine side until it is supported by the shroud and chuck. Position the driver on an angle with the top handle at the topmost point.</p>
Other problems or technical questions	<p>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.</p>



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