

DR[®] RAPIDFIRE™ LOG SPLITTER



Tow Ball Kit# 33442

These instructions are for installation and operation of the Tow Ball Kit. Please keep these instructions with your Splitter Safety and Operating Instructions manual for future reference.

Parts Supplied (Figure 1):

Item #	Part #	Description	Qty
1	24648	Receiver, 2", Class II.....	1
2	33443	Link, Chain, 9/16" ID, 1/4" TH	2
3	25312	Safety Chains	2
4	33349	Bolt, Hex Flange, 1/2-13 x 5", GR8, ZP	2
5	23499	Washer, Flat, 1/2"	4
6	33335	Nut, Flange, Nylon Lock, 1/2-13, ZP	2

Compare the contents of the Shipping Box with the "Parts Supplied" list above. If you have any questions please contact us at www.DRpower.com or call 1-800-DR-OWNER (376-9637) for assistance.

WARNING

Before performing this kit installation, stop the engine, wait five minutes to allow all parts to cool. Disconnect the spark plug wire, keeping it away from the spark plug. Disconnect the Battery Terminals (Electric start only).

Installation

Tools needed:

- 10mm Wrench
- Two 3/4" Wrenches

1. Hook a Link at the end of each Safety Chain and turn the hex portion to close it onto the Chain (**Figure 2**). Tighten the Link using a 10mm Wrench.
2. Place the Receiver onto the Tow Bar and align the holes.
3. Slide a Link onto a Bolt followed by a Washer and insert the Bolt through the rear holes of the Receiver and Tow Bar (**Figure 3**).
4. Install a Washer first against the Hitch, the Chain Link against the Washer and then a Flange Nut onto the end of the Bolt. Tighten the Bolt and Nut using two 3/4" Wrenches.
5. Slide a Washer onto the other Bolt and insert the Bolt through the front holes of the Receiver and Tow Bar.
6. Install a Washer and Flange Nut onto the end of the Bolt. Tighten the Bolt and Nut using two 3/4" Wrenches.

Attaching to Tow Vehicle

WARNING

Making sure the Splitter is securely attached to the vehicle is the responsibility of the owner/operator. Failure to securely attach the Log Splitter can cause loss of control of the vehicle or the Log Splitter being separated from the towing vehicle, resulting in serious injury or death. If required, use accessory lights and devices when transporting on a road or highway to warn operators of other vehicles. Check your local government regulations. Safety Chains must always be used when towing.

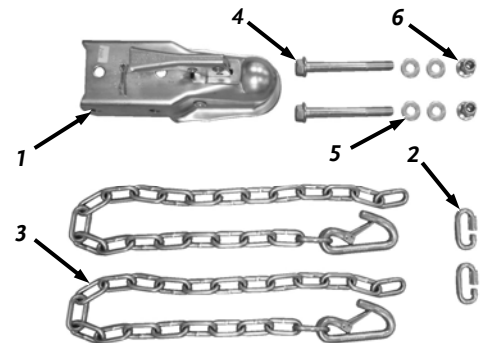


Figure 1

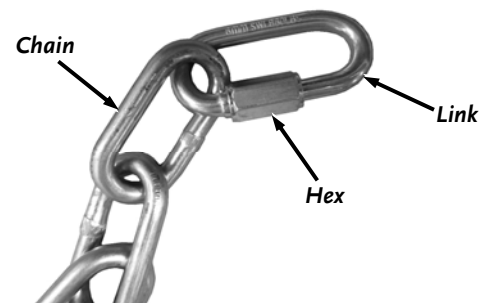


Figure 2

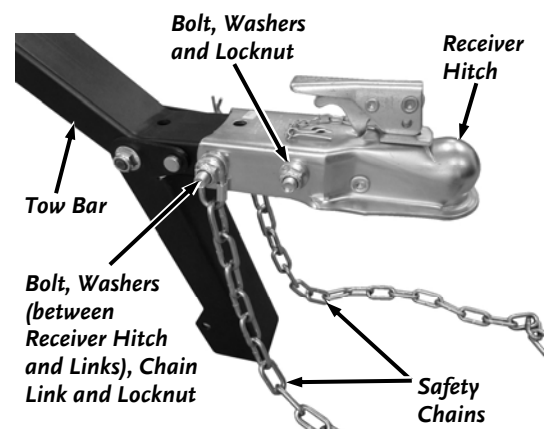


Figure 3

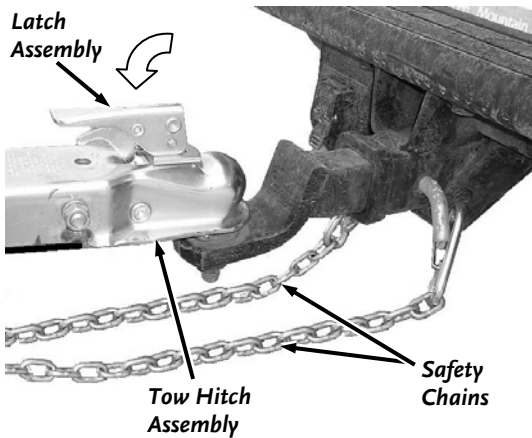


Figure 4

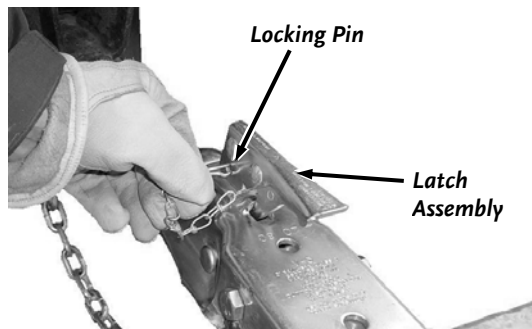


Figure 5

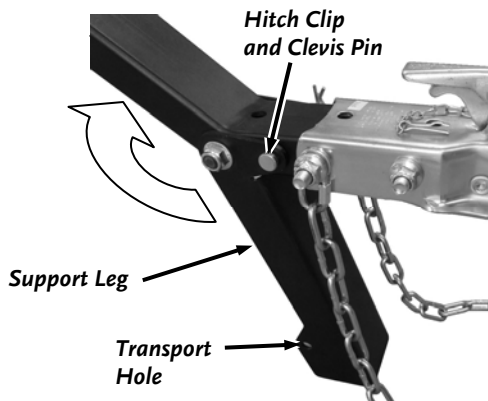


Figure 6

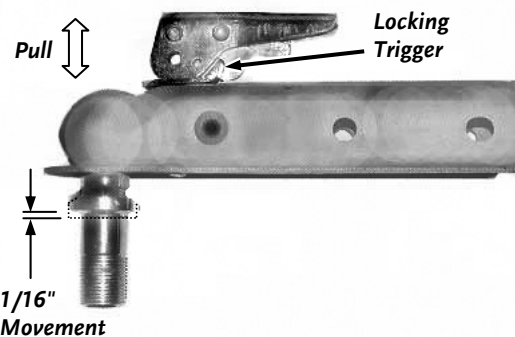


Figure 7

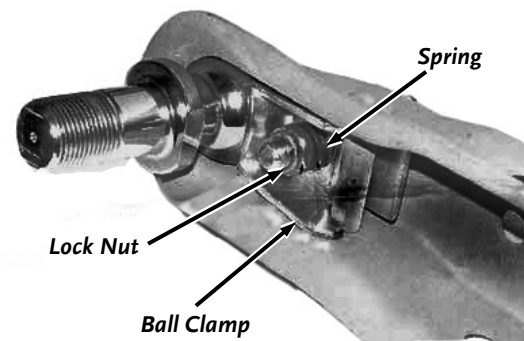


Figure 8

1. Close the Latch Assembly on the Tow Hitch Assembly to lock the Tow Hitch Assembly onto the Tow Ball (**Figure 4**). Attach the towing Safety Chains to the Tow Vehicle ensuring there is enough slack for turning.
2. Make sure the Hitch Coupler is properly and securely attached to the Tow Ball.
3. Insert the Locking Pin into the hole of the Latch Assembly to lock it in the closed position (**Figure 5**).
4. For extra safety and security, you may want to purchase a Lock to install into the hole of the Latch Assembly.

NOTICE

The folding Support Leg must be rotated up to the transport position when towing the Log Splitter. Failure to properly secure the Leg up in the transport position could damage the machine when towing.

5. Pull the Hitch Clip and Clevis Pin from the Support Leg and fold it up to the transport position. Insert the Clevis Pin through the holes of the Leg and over the top of the Tow Bar and secure with the Hitch Clip (**Figure 6**).

Hitch Coupler Adjustment Check

1. Place a 2" Ball in the Socket of the Coupler and close the Latch Assembly (**Figure 7**). Verify that the Locking Trigger is properly engaged in its detent.
2. Pull on the Ball and/or Coupler, trying to remove the Ball from the Socket. If the Ball moves more than 1/16" in the Coupler's Socket, the Clamp requires adjustment. Follow the proper adjustment procedure in the following steps.

Hitch Coupler Adjustment

1. With the proper size Ball in the Socket of the Hitch Coupler, close the Latch of the Coupler completely (**Figure 8**). Verify that the Locking Trigger is properly engaged in its detent.
2. Tighten the Locknut on the underside of the Coupler until the Spring between the Nut and the Clamp is fully compressed. Then back off the Locknut 1/2 turn or just enough that the Latch is able to Clamp and unclamp from the Ball.

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