



Brake Rod Kit for Workman® 1100/2100 and Twister Vehicles Model No. 108-7005

Form No. 3353-560 Rev B

Installation Instructions

Note: Determine the left, right, front, and rear sides of the machine while seated in the operating position.

Note: This kit applies to machines with model number 220999999 and lower. If this machine is equipped with a brake and tail light kit a new brake pedal is required (Part No. 108-7001-03).

Loose Parts

Note: Use the chart below to identify parts for assembly.

DESCRIPTION	QTY.	USE
Brake rod	1	Install the brake rod
Shoulder bolt	1	
Nut, 5/8 inch	1	
Installation instructions	1	Read before installing the kit.

Preparing the Machine

1. Park the machine on a level surface, turn the ignition key to off and remove the key.
2. If you have a floor mat, remove it from around the pedal assembly.
3. Remove fasteners securing the metal plate on the floor surrounding the pedal assembly. Remove the panel and retain all parts.
4. Raise the vehicle up. Refer to the *Operator's Manual* for more information.

Removing the Brake Rod

1. Remove the cotter pin and washer securing the existing brake rod to the pedal assembly. Discard the pin and washer.
2. Remove the bent end of the brake rod from the brake pedal assembly.

3. Locate the brake equalizer plate and brake rod assembly underneath the floor panel (Fig. 1).
4. Disconnect the spring from the brake rod and remove the brake adjustment and lock nuts from the brake rod.

Note: Retain all parts and fasteners.

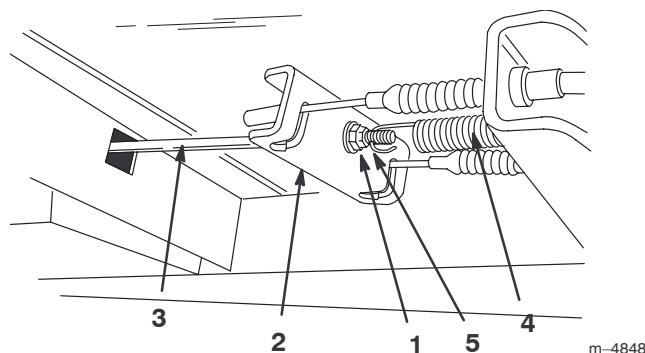


Figure 1

1. Equalizer plate
2. Brake adjustment nut
3. Brake rod
4. Spring
5. Lock nut

5. Remove the brake rod from the equalizer plate and slide it out of the pedal box (Fig. 1). Discard the rod.

Installing the Brake Rod

1. Install the eyelet end of the brake rod into the pedal box (Fig. 2) with the flush side toward the pedal.
2. Install the threaded end of the new brake rod into the equalizer plate (Fig. 2).
3. Install the adjustment nut onto the brake rod and then the jam nut.

Note: Keep the jam nut loose to allow for adjustment of the adjustment nut.

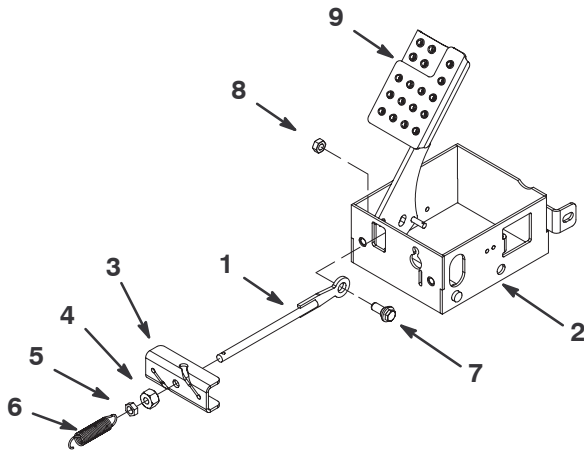


Figure 2

- | | |
|-------------------------|-------------------------|
| 1. Brake rod | 6. Spring |
| 2. Pedal box | 7. Shoulder bolt |
| 3. Equalizer plate | 8. Lock nut, 5/8 inch |
| 4. Brake adjustment nut | 9. Brake pedal assembly |
| 5. Lock nut | |

4. Secure the eyelet end of the brake rod to the brake pedal assembly using a shoulder bolt and lock nut (3/8 inch).

Note: There is enough space to install the fasteners without removing the pedal pivots.

5. Hook the spring to the brake rod.

Adjusting the Brake Pedal

Important The brake pedal must be adjusted after installation of the machine to prevent excessive pedal travel or binding of the brakes during normal operation. Refer to the *Operator's Manual* for more information.

1. Adjust the brake adjustment nut until the cables are snug in the brake equalizer plate (Fig. 3). Do not overtighten.

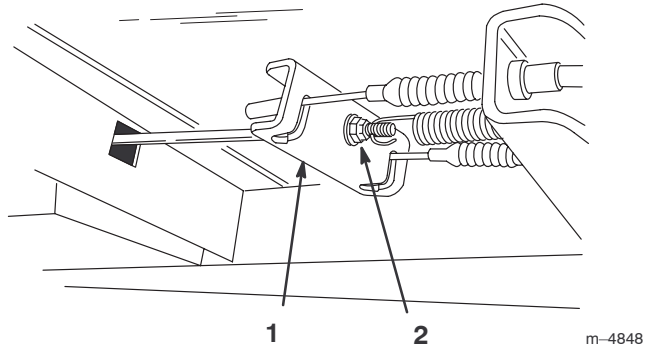


Figure 3

- | | |
|--------------------|-------------------------|
| 1. Equalizer plate | 2. Brake adjustment nut |
|--------------------|-------------------------|

2. Check to see that there is some free play in the brake pedal. Approximately 1 to 1-1/2 inch of travel is acceptable. Adjust the brake adjustment nut as necessary.

3. Tighten the lock nut onto the brake adjustment nut.

Completing the Installation

1. Install the metal plate surrounding the pedal assembly.
2. Install the floor mat if equipped.