



## Universal Emergency Brake Cable Kit Legend Series & Pro Driver Applications P/N: HWC2500



Thanks for the purchase of the Master Power Brakes Universal Emergency Brake Cable Kit. This kit is designed as a universal system and will work with our rear disc brake conversion kits. The cables included in the kit are designed to be **cut-to-fit** and the hardware kit provided has multiple components to **fit a variety of vehicle combinations**. Some components may not be used in your application.

**\*\*It is strongly recommended that the instructions be read COMPLETELY before starting\*\***  
**\*\*As with anything that is UNIVERSAL, measure twice and cut once\*\***

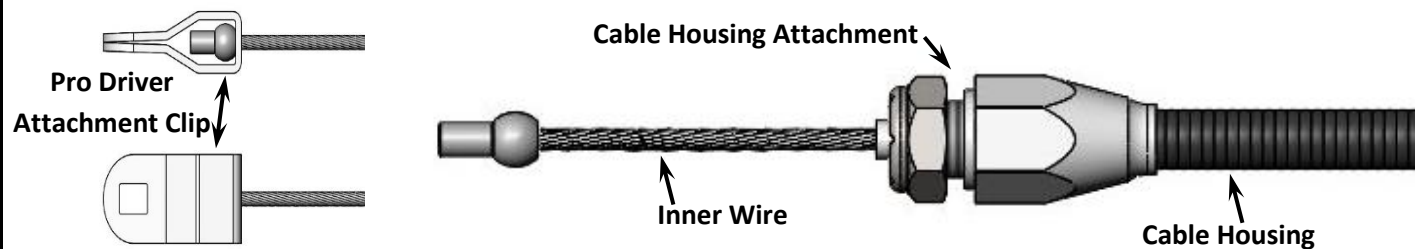
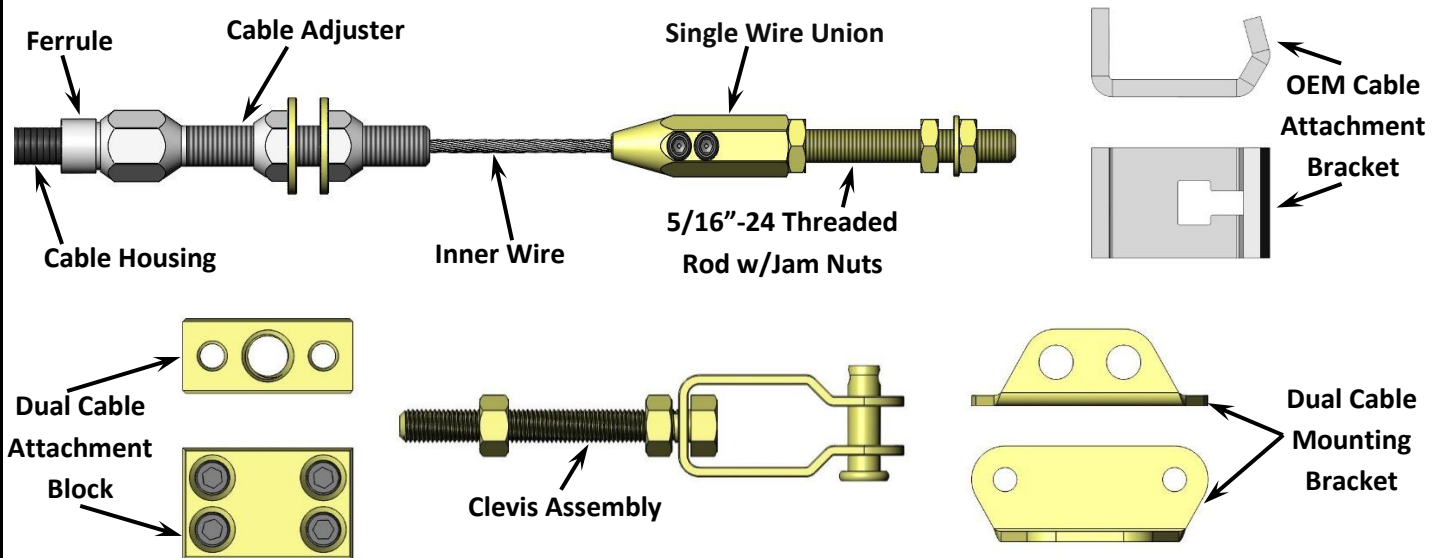
### Installation Notes:

- Please read all instructions before attempting the installation.
- Proper operation of your brakes is essential for your safety and the safety of others. Any brake service should be performed by a professional technician experienced in the installation of brake systems.
- Any installation requiring you to remove a wheel or gain access under the vehicle requires use of jack stands or a lift appropriate to the weight of the vehicle. In all cases, recommended ratings for jack stands should be at least 2-tons. If using a floor jack, be sure to use the appropriate wheel chocks.
- All installations require proper safety procedures and protective eyewear.
- A selection of hand tools sufficient to engage in the installation of these products is assumed and is the responsibility of the installer to have in his/her possession prior to beginning this installation. All installations, which require removal of hydraulic hoses and/or bleeding of the brakes, require appropriate fitting/line wrenches, as well as a safety catch can and protective eyewear. Other than these items, if unique or special tools are required they are listed in the section for that step.
- Before starting the installation, verify that all parts are included with the brake kit. If items are missing, notify Master Power Brakes immediately.

If you have any questions regarding installation, feel free to contact Master Power Brakes at (888) 351-8781 or through our website at [www.mpbrakes.com](http://www.mpbrakes.com).

## Emergency Brake Cable Component Names

### Forward Mounting End of Emergency Cable (Below)



### Caliper Mounting End of Emergency Brake Cable (Above)

1. With the rear disc brake conversion kit completely installed, remove the Inner Wire from the outer cable housing.
2. Insert the Cable Housing Attachment into the bracket on the rear caliper assembly. **NOTE: It may be necessary to enlarge the hole in the bracket slightly.** This will allow the aluminum nut to set flush with the bracket. Install the provided nut. It is not necessary to tighten completely at this point. See Figure 1a below for reference on attachment to **ALL** Legend Series Rear Disc Brake Kits. See Figure 1b below for reference on attachment to **ALL** Pro Driver Rear Disc Brake Kits.

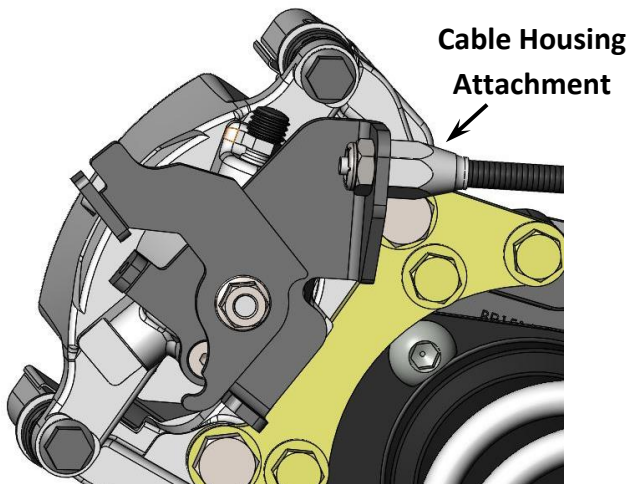


Figure 1a – Cable Housing Attachment (ALL Legend Series Rear Disc Brake Kits)

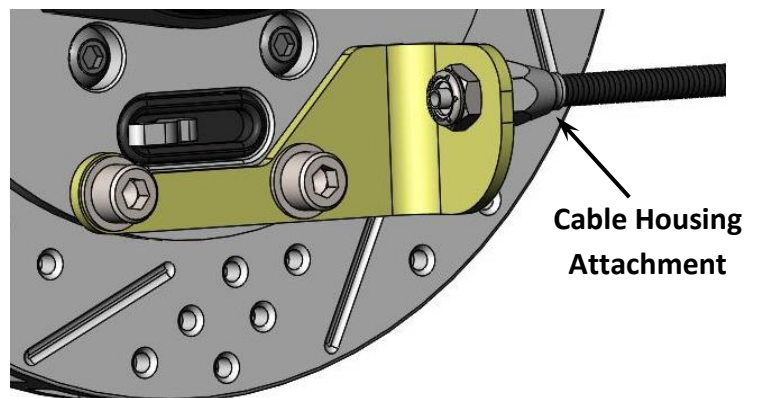


Figure 1b – Cable Housing Attachment (ALL Pro Driver Rear Disc Brake Kits)

3. Route the Cable Housings through the rear suspension making sure the suspension does not come in contact with them. Using the Cable Adjuster and Ferrule, determine the end mounting location of the Cable Housing. This can be at a factory cable mounting point, a custom fabricated bracket of your choice, or the provided Dual Cable Mounting Bracket. We recommend cutting the Cable Housing 1.125" behind the leading edge of the bracket.  
**NOTE: This distance allows proper adjustment of the Cable Housing. This distance will possibly fluctuate if using other mounting locations.** See Figure 2 below for reference.

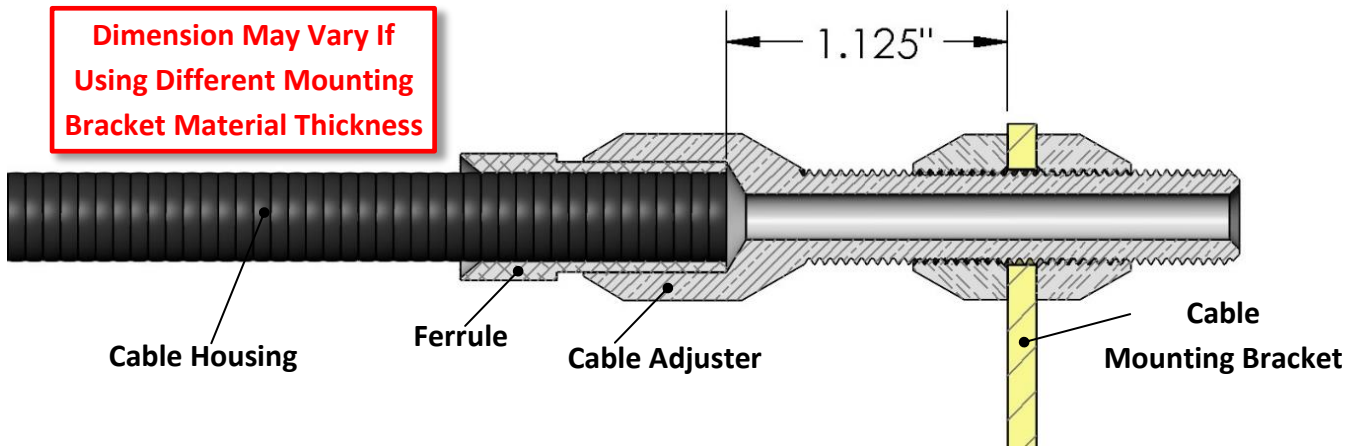


Figure 2 – Cable Housing Cutting Location Example (Cross Section View)

4. Once the proper housing length has been determined, it will be necessary to shorten the cable housing.  
**IMPORTANT: Make sure the Inner Wire is removed from the Cable Housing.** Remove the Ferrule from the Cable Housing along with the Cable Adjuster. Cut the cable housing at your mark using heavy duty diagonal cutters, a hacksaw, or a cut off wheel. After cutting the Cable Housing, slide the Ferrule back onto the Cable Housing.

**\*\*\*IMPORTANT\*\*\***

**Double check the length of the Cable Housing BEFORE cutting it. If you cut the Cable Housing too short, a replacement will have to be purchased (P/N: HWC2500-OTR)**

5. If the Cable Housing was removed from the vehicle to cut, reinstall the Cable Housing back into the bracket on the caliper assembly (***as done previously in Step 2***) and place the Cable Adjuster into its mounting location (***as previously determined in Step 3***). Snug the aluminum nuts at this point as this may be used later for final adjustment.
6. Insert the Inner Wire through the park brake lever and guide it through the Cable Housing on **ALL** Legend Series Rear Disc Brake Kits. On **ALL** Pro Driver Rear Disc Brake Kits, the Inner Wire needs to be fed through the Pro Driver Attachment Clips before the Inner Wire is inserted into the Cable Housing. See Figure 3a on the next page for reference on attachment to Legend Series Rear Disc Brake Kits. See Figure 3b on the next page for reference on attachment to Pro Driver Rear Disc Brake Kits.

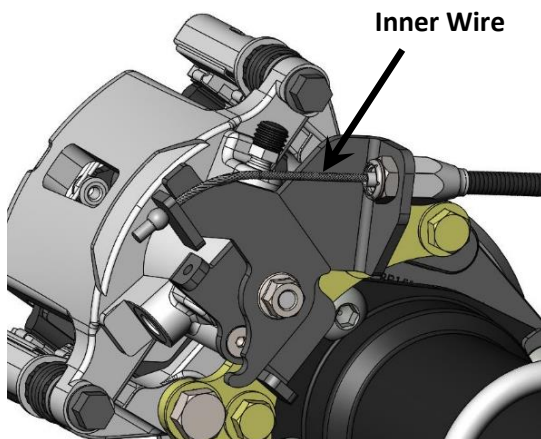


Figure 3a - Inner Wire Installed (ALL Legend Series Rear Disc Brake Kits)

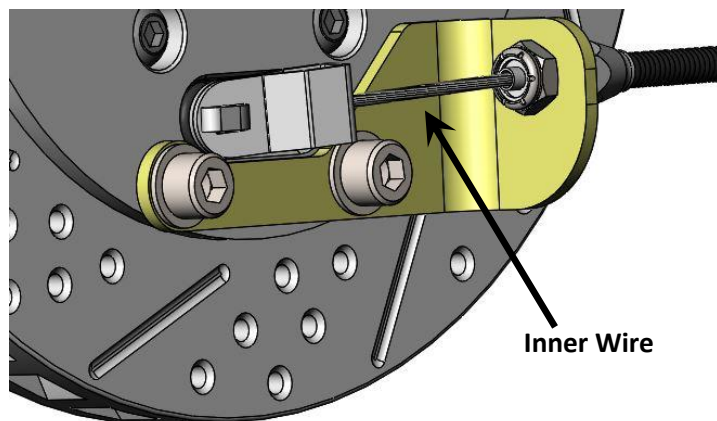


Figure 3b - Inner Wire Being Installed (ALL Pro Driver Rear Disc Brake Kits)

7. With the Inner Wire extending past the Cable Adjuster, mark the wire to be cut **IF USING A SINGLE WIRE UNION**. The wire will need at least 3.000" of total wire travel to allow for adequate movement of the emergency brake lever at the caliper. Refer to Figure 4 below for reference. Allow an additional 1.375" of Inner Wire length for insertion into the Single Wire Union.

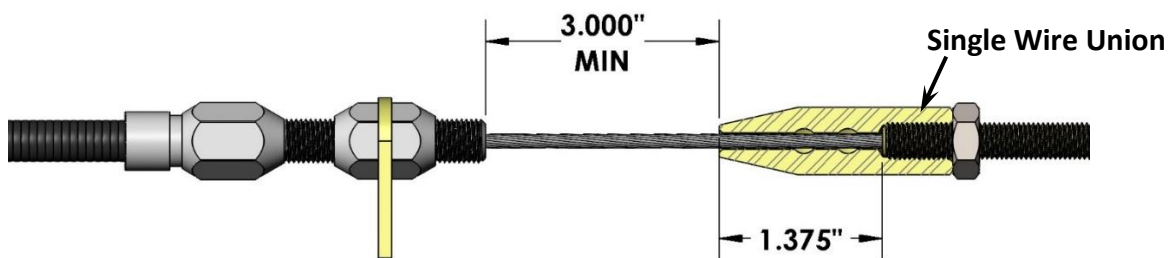


Figure 4 – Inner Wire Minimum Clearance Length (Cross Section View)

8. Once marked, the Inner Wire can be removed from the Cable Housing to be cut. The Inner Wire can be cut with a hacksaw, heavy duty diagonal cutters, or for best results use a cut-off wheel. **NOTE: We recommend wrapping a few rounds of masking tape on the Inner Wire prior to cutting to help reduce fraying.** Once cut, re-install the Inner Wire into the Cable Housing as done in Step 6.

**\*\*\*IMPORTANT\*\*\***

**Double check the length of the Inner Wire BEFORE cutting it. If you cut the Inner Wire too short, a replacement will have to be purchased. (P/N: HWC2500-INR)**

9. Place the Single Wire Union Assembly over the end of the Inner Wire and tighten the set screws with a 1/8" Allen wrench. The 5/16"-24 threaded rod that inserts into the Single Wire Union may be shortened to allow for adjustment. If needed, an OEM Cable Attachment Bracket has been provided to attach the Universal Emergency Brake Cable Kit to the factory cables. Tighten the jam nut securing the 5/16"-24 threaded stud into the Single Wire Union along with the two jam nuts securing OEM Cable Attachment Brackets if they are used. Refer to Figure 5 below for reference on using the provided connectors.

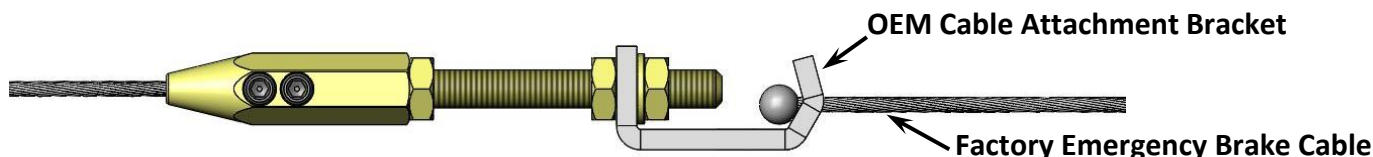


Figure 5 – Attachment to Factory Park Brake Cables w/ Provided Connectors

10. Depending on the attachment style of your OEM emergency brake cable, the previously shown Single Wire Union to the OEM Cable Attachment Brackets may not work in your application. Shown below in Figure 6 is another possibility that can be used. Both Cable Housings can be routed to a central location and secured to the provided Dual Cable Mount. This will allow the supplied Clevis and Dual Cable Attachment Block to be used to pull both cables at the same time from a single source. **NOTE: The wire still will need at least 3.000" of total wire travel in this configuration to allow for adequate movement of the emergency brake lever at the caliper.**

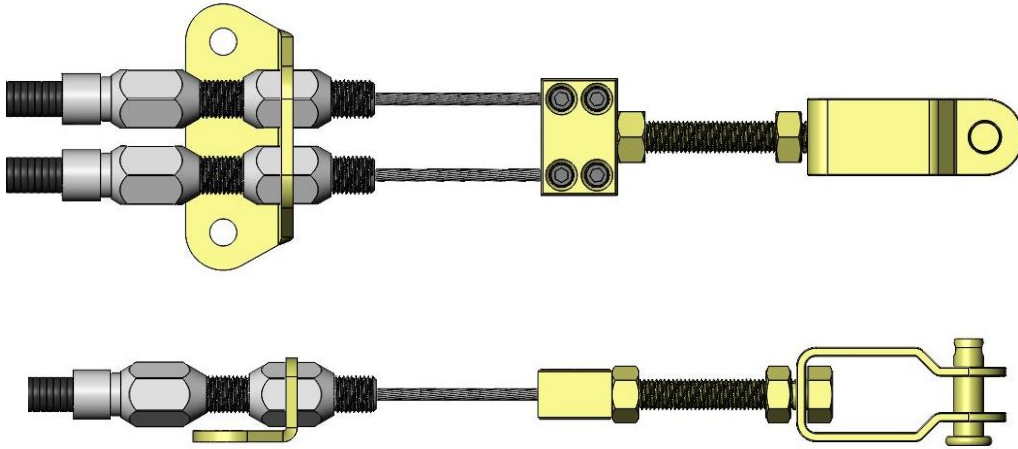


Figure 6 – Dual Cable Attachment Using Clevis

11. Adjust all cables as necessary to remove any slack and to allow for proper operation of the emergency brake system.

If you have any questions or comments, please call Master Power Brakes at (888) 351-8781.