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Universal Emergency Brake Cable Installation Instructions

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General Installation Notes:

Please read these instructions completely before beginning the installation. If you have any questions, please call.

Before starting the installation, use wheel chocks to block the wheels. Disconnect the negative battery cable before beginning the installation.

Make sure the engine, transmission, body and frame are properly grounded. We recommend applying anti-seize lubricant to all aluminum threads before final assembly.

These Emergency Brake Cables are designed to be used with either Lokar's Connector Cables or Lokar's Floor Mount Emergency Hand Brake. Some brake systems also require a special clevis (sold separately) in order to connect to the brake caliper:

- 1984-up Corvette
- Jag rear end with Wilwood brakes
- Wilwood stand-alone E-brake caliper
- Baer Brakes
- SSBC with Integrated E-brake
- SSBC with Stand-Alone E-brake caliper

Please see the Lokar catalog or website, or call Lokar for more information.

Refer to Fig. 1 and Fig. 2 for the component names.

Step 1: Remove the inner wires, brake cable springs, and the 7/16"-20 thin nylock nuts from the backing plate fittings on the new Brake Cable housings.

Step 2: Insert the backing plate fittings into the original cable holes in the backing plates (drum brakes) or the original cable mounting brackets (disc brakes), and secure each with the 7/16"-20 thin nylock nut.

Step 3: Determine where the double cable adjuster bracket is going to be mounted. The double cable adjuster bracket must be positioned so that the cables are being pulled in a straight line between the double cable adjuster bracket and the brake cable clevis (if using a Floor Mount Emergency Hand Brake) or single cable adjuster bracket (if using a Connector Cable).

Mount the double cable adjuster bracket securely to the vehicle floor or frame. Adjust the position of the cable adjusters so that they are threaded about three-quarters of the way into the double cable adjuster bracket.

Step 4: Route the cable housings up to the double cable adjuster bracket.

Step 5: It will be necessary to shorten the new brake cable housings. **Make sure that the inner wires are removed from the cable housings.** Mark the cable housings where they line up with the double cable adjuster bracket. If the cable housings are braided stainless steel, slide the ferrules back towards the rear end, away from the ends that are being cut. **DO NOT remove the ferrules from the braided stainless steel housings!** Fig. 3 If the cable housings are black universal, remove the ferrules.

If the Brake Cables have the braided stainless steel housings, wrap tape around the area to be cut and use a cutoff wheel or fine-toothed hacksaw to cut the cable housings at your mark. If the Brake Cables have the black universal housings, cut the cable housings at your mark using heavy duty 8" diagonal cutting pliers or a hacksaw. Lokar recommends Klein brand Diagonal Cutting Pliers, # D2000-28 available at The Home Depot or through W. W. Graingers, Part # 4A838.

After cutting the cable housings, put the ferrules back in place at the end of the cable housings. The ferrules do **NOT** need to be crimped or otherwise attached in place.

Step 6: Insert the cable housings and ferrules into the cable adjusters on the double cable adjuster bracket.

Step 7: If you have rear drum brakes OR rear disc brakes that do not use a return spring on the caliper, install the brake cable springs onto the inner wires. If you have rear disc brakes that already use a return spring on the caliper, the brake cable springs in the Lokar Brake Cable Kit will not be used.

Install the inner wires into the cable housings, starting from the backing plate fittings.

Step 8: Insert the cable ball ends into the emergency brake levers inside the brake drums or on the brake calipers.

Step 9: Make sure the emergency brake is in the fully off position. If you are using a Lokar Floor Mount Emergency Hand Brake, connect the brake cable clevis assembly to the hand brake using the 5/16" clevis pin, flat washer and cotter pin. Fig. 4 If you are using a Lokar Connector Cable, remove the tension adjuster and clevis from the cable union block, and install the 5/16"-28 threaded rod with jam nuts from the connector cable kit into the cable union block. Fig. 5

Step 10: Loosen the set screws in the cable union block, and insert the inner wires into the cable union block. Tighten the set screws in the cable union block.

Step 11: The Cables should be adjusted evenly. Adjust the cable tension at the brake cable clevis assembly so that there is no slack, but making sure that the brakes are not applied when the emergency brake is released. Generally, you will want the Cables adjusted so that three clicks of the emergency brake will prevent the vehicle from moving (although your braking system may be different).

Step 12: Once the Emergency Brake Cables are properly adjusted, cut off the excess inner wires. It is recommended that you leave approximately one inch of extra inner wire extending beyond the cable union block to allow for future adjustments.

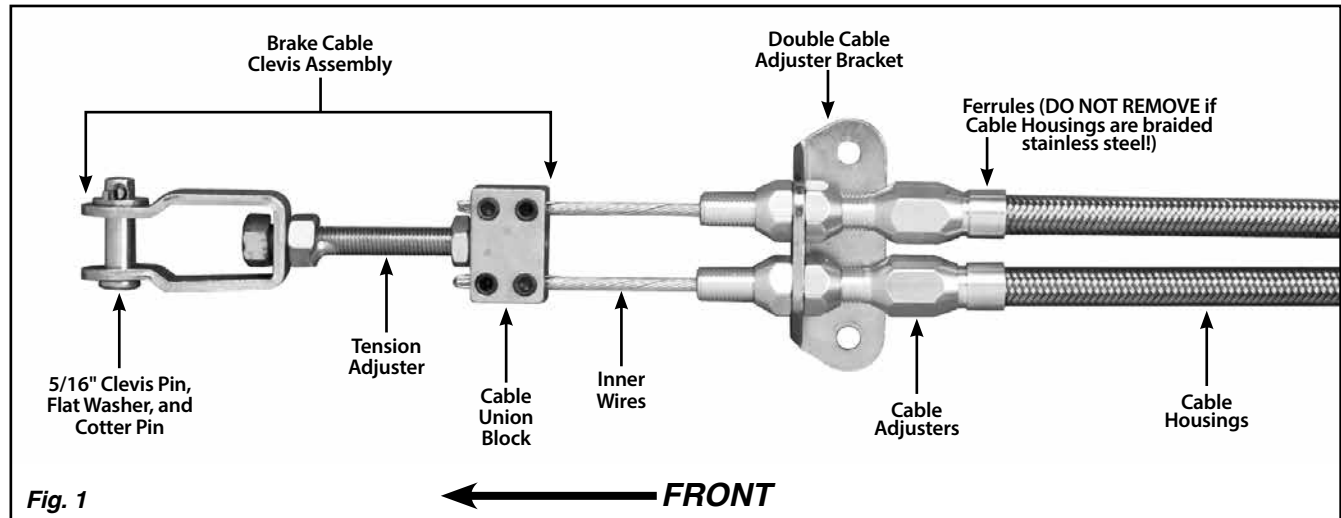


Fig. 1

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