



QUALITY... PLAIN & SIMPLE®

## Under-The-Dash Hand Operated Emergency Brake Installation Instructions

### General Installation Notes:

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

Before beginning the installation, disconnect the negative battery cable and use wheel chocks to block the vehicle's wheels.

Make sure the engine, transmission, body and frame are properly grounded. We recommend using anti-seize lubricant on all aluminum threads.

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

This Emergency Brake is designed to work with Lokar Connector Cables (sold separately).

**Step 1:** Remove any existing or original parking brake mechanism.

**Step 2:** Decide exactly where and how you want to mount the Hand Operated Emergency Brake. The Emergency Brake is designed to be mounted between the firewall and the dashboard, and the mounting brackets are designed to be cut-to-fit. The bracket assembly can be mounted within a span from 11" to 15".

**Step 3:** Reroute any wiring, vacuum hoses, etc. that may interfere with the operation of the Emergency Brake. Measure the distance from the firewall to the bottom lip of the dashboard where you are mounting the Emergency Brake.

**Step 4:** Separate the left and right main brackets from the front brackets and cable bracket, and set the cable pulley, spacer, and gear plate aside. Measuring from the firewall end of the main brackets, mark the distance you measured above on the main brackets, and cut off the dashboard end of the main brackets at your mark using a band saw or cutoff wheel.

**Step 5:** Reassemble the left and right main brackets with the cable pulley, spacer, cable bracket, and front brackets. Make sure the thinner jam nuts are used on the bolts that pass through the cable bracket. DO NOT overtighten the bolt that passes through the cable pulley! The cable pulley must be able to turn freely.

**Step 6:** Place the bracket assembly into position between the firewall and the dashboard. Mark and/or center punch the location of the four mounting holes on the firewall and two mounting holes on the dashboard. Drill four 1/4" diameter holes in the firewall and two 1/4" holes in the dashboard at your marks.

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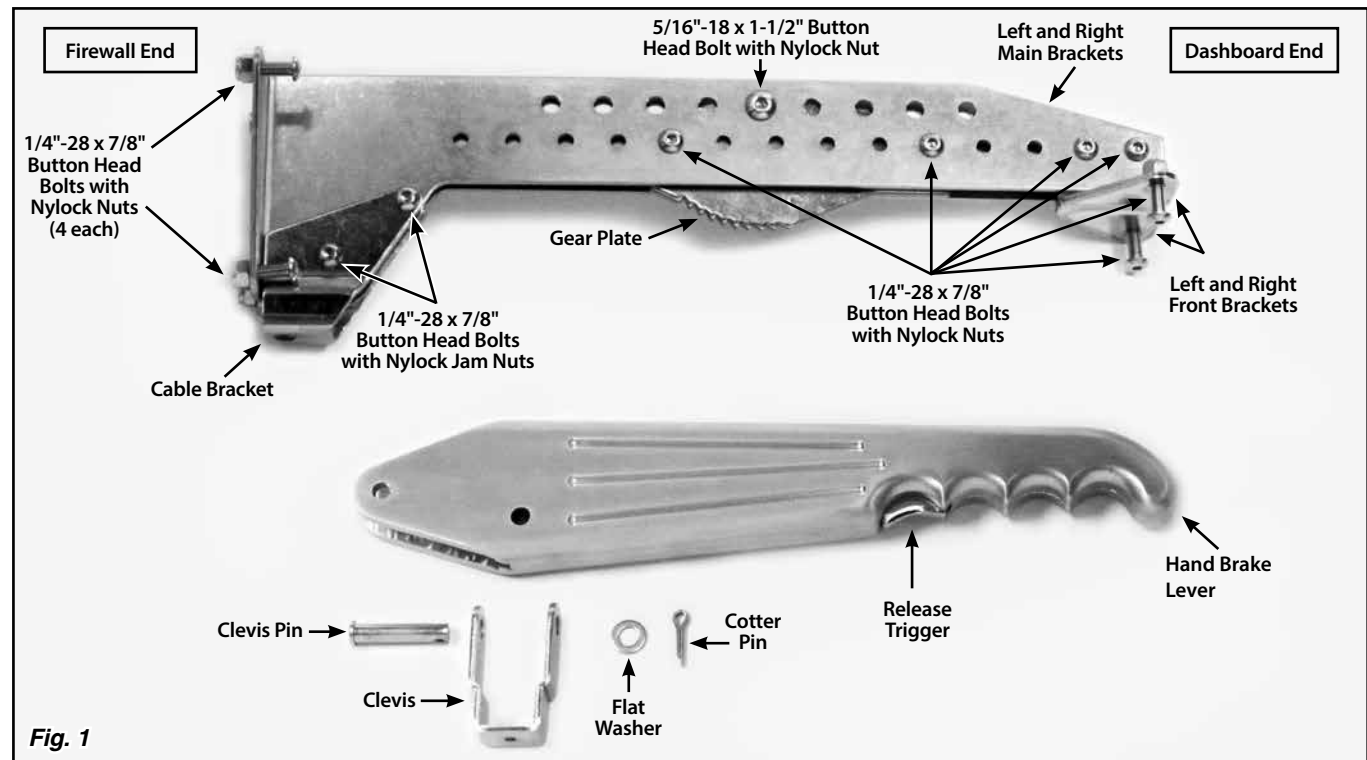


Fig. 1

**Step 7:** Install the bracket assembly into the vehicle using six (6) 1/4"-28 x 7/8" button head bolts and nylock nuts.

**Step 8:** The front-to-rear position of the gear plate in the main brackets will determine the position of the hand brake lever. Decide where you would like the hand brake lever to be located, and install the gear plate using two of the 1/4"-28 x 7/8" button head bolts and nylock nuts.

**Step 9:** Place the hand brake lever into position on the main brackets, with the release trigger towards the firewall. Depress the release trigger on the hand brake lever and align the holes at the top of the hand brake lever with the top center hole in the gear plate. Reinstall the 5/16"-18 x 1-1/2" button head bolt through the top of the hand brake lever. Install the nylock nut onto the bolt, but do not tighten. **Fig. 3**

Check the front-to-back position of the hand brake lever and verify that it is in the location you want. If it is not, remove the hand brake lever and the gear plate. Reposition the gear plate where you want it to be, and reinstall the hand brake lever.

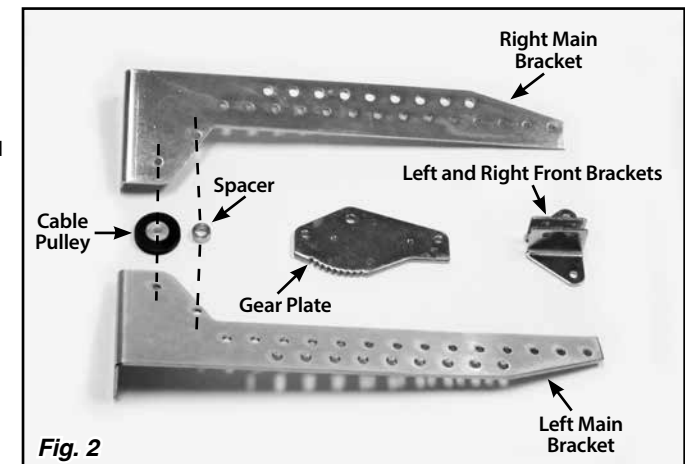
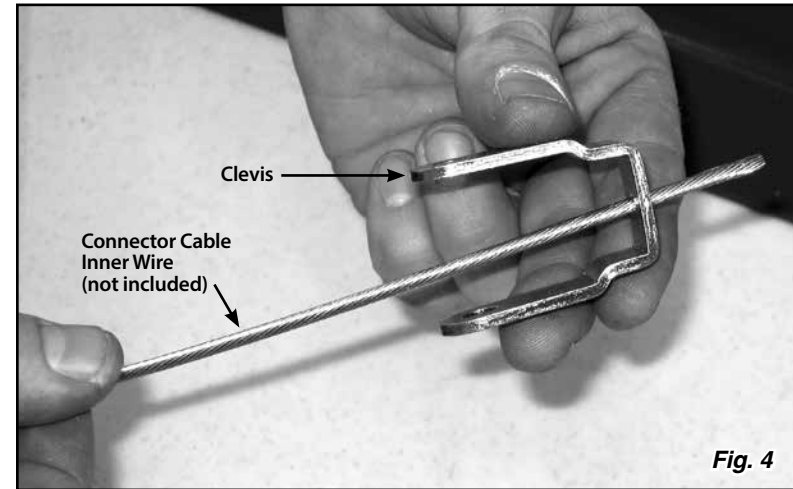


Fig. 2

## Under-The-Dash Hand Operated Emergency Brake Installation Instructions



**Step 10:** When you are satisfied with the location of the hand brake lever, tighten the 5/16"-18 x 1-1/2" button head bolt and nylock nut at the top of the hand brake lever. Then, back the nylock nut off just enough to let the hand brake lever pivot freely.

Check the Emergency Brake for proper operation before installing the Connector Cable (not included). When the hand brake lever is pulled towards the passenger compartment without depressing the trigger, it will click on each gear tooth and lock. To disengage the brake, pull back slightly on the hand brake lever, depress the release trigger, and then push the lever towards the firewall. (When the cable is attached and adjusted correctly, spring tension will pull the hand brake lever towards the firewall once the release trigger is depressed.)

**Step 11:** Install the Connector Cable (not included) now, following the instructions that came with that part. **NOTE: The Connector Cable's cable housing MUST be cut to length before installing the inner wire!**

Once the connector cable housing has been cut to the correct length and installed on the vehicle, route the Connector Cable's inner wire through the hand brake clevis. **Fig. 4** Install the hand brake clevis onto the hand brake lever, using the clevis pin, flat washer, and cotter pin. Pass the other end of the inner wire below the spacer in the Emergency Brake assembly and over the cable pulley, into the cable housing. Make sure the Connector Cable's inner wire is routed over the cable pulley correctly.

**Step 12:** Feed the inner wire through the Connector Cable housing, underneath the vehicle, and connect the inner wire to the rear brake cables. Follow the instructions that came with the Connector Cable to finish the installation and make adjustments.

**NOTE: The Hand Operated Emergency Brake does not have its own return spring. It relies on the return springs on the Emergency Brake Cables.**

