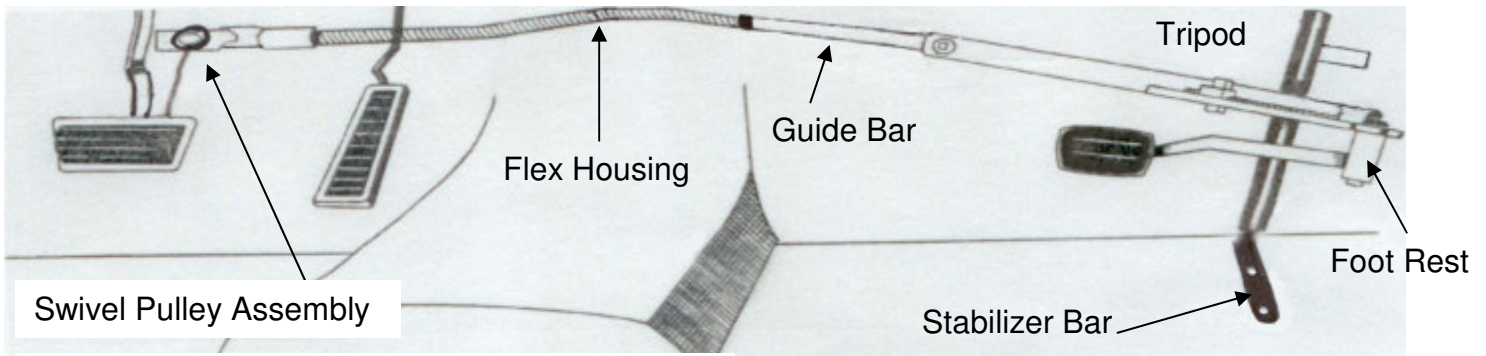


INSTALLER GUIDE



Place **brake** in approximate installation position and determine if housing requires shortening or lengthening.



Flexible Cable Housing
4" Extension

To add the 4" flexible cable housing extension, unscrew housing from guide bar, insert housing extension and screw sections back together until hand tight.

Tip. You may have to fish guide bar through several different openings to find the optimum angle for positioning the brake on the passenger side (photo #1).

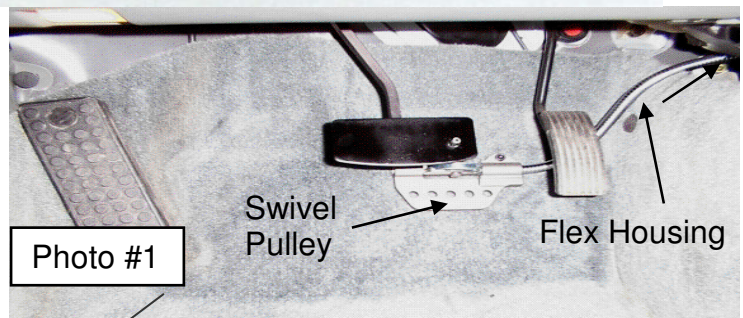


Photo #1

Step 1 - Photo #1

Take the driver's side swivel pulley assembly and fish guide bar through center console to passenger side. (For best results remove plastic panels on center console.) Position the swivel assembly under the brake pedal in an approximate position and form flexible housing along the floor and under the accelerator pedal. On passenger side, check to see that guide bar extends out most of its length. *If necessary, connect the 4" housing extension.* Slide stabilizer bar into the vertical stem of the brake tripod, seat tripod as far right as possible.

Step 2 - Photo #2

To align the swivel assembly beneath the brake pedal, start the car and depress brake pedal so that the swivel is under it during its entire travel. The cable has to travel from the brake pedal to the pulley in as straight a line as possible while the brake is being depressed. Mark the swivel assembly with a temporary chalk line. Remove rubber cover on driver side brake pedal and drill a 1/4" hole. We recommend the lower right side of the pedal. However, the swivel can be placed under either side of the pedal depending on your situation. You may have to slightly countersink the hole for the ball to reduce the lump in rubber cover. (**Excessive countersinking or enlarging of the hole may cause ball to drop through.**) Lubricate cable with light grease or spray lubricant and then thread the cable through hole until it is seated on the ball stop. Replace rubber cover.

DRIVER-SIDE SWIVEL ASSEMBLY

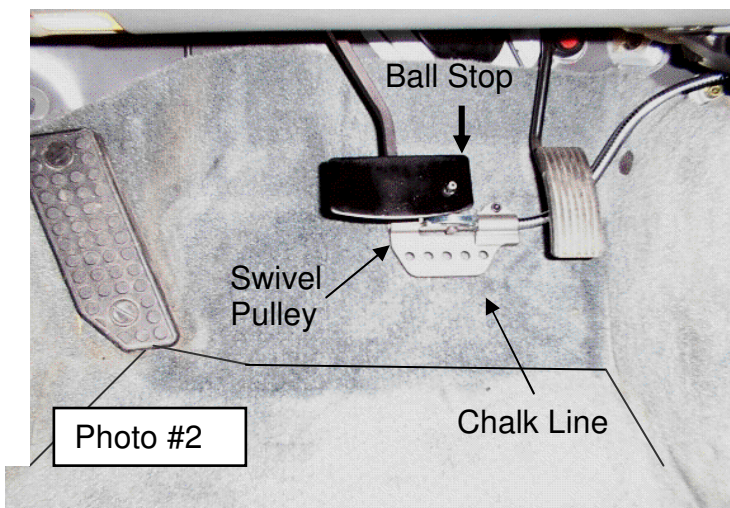
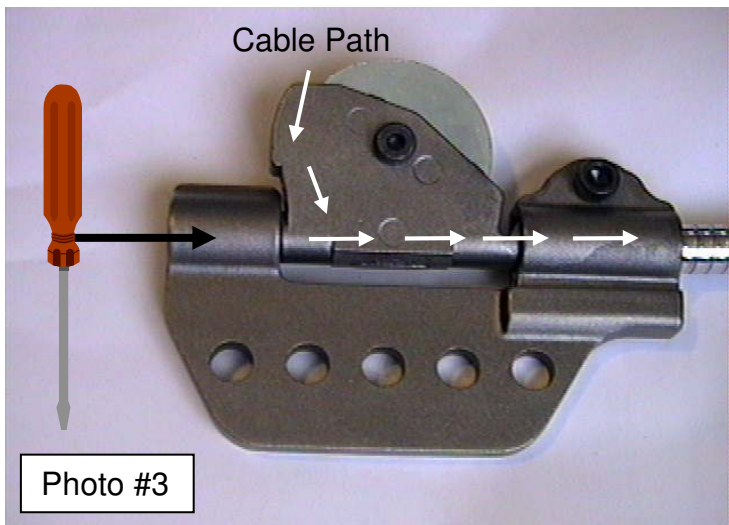
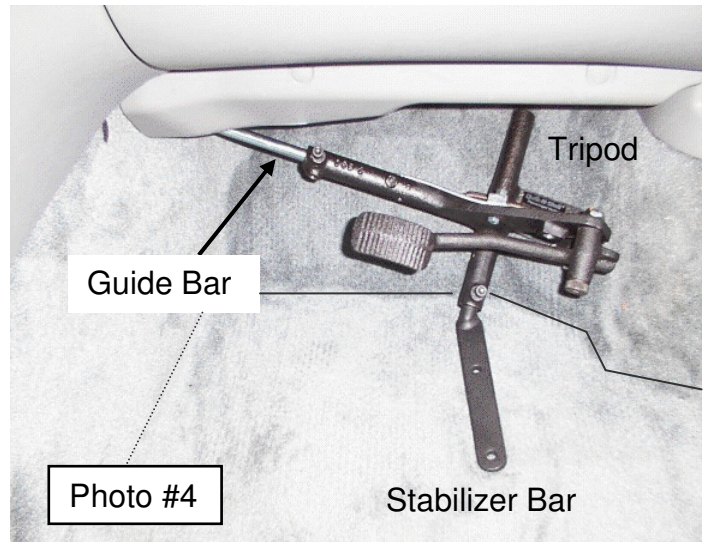


Photo #2



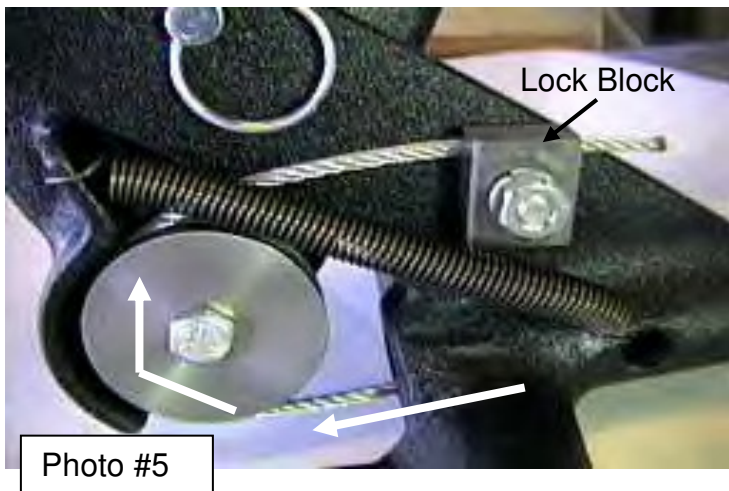
Step 3 – Photo #3

Thread cable through back end of pulley assembly using a small screwdriver to start the cable through. See photo.



Step 4 – Photo #4

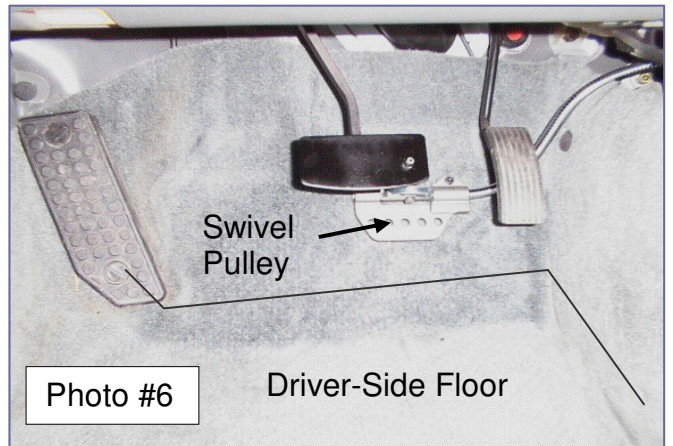
Push entire cable through the swivel pulley assembly and continue pushing until it exits out the passenger-side brake tripod. Insure that the guide bar has been inserted into the horizontal stem of the tripod first.



Step 5 – Photo #5

After the cable has passed through the tripod, feed it up through the pulley from the bottom behind the spring, then pull the cable out until the slack is removed.

Tip: To avoid unraveling the carpet fibers, cut an "x" in the carpet with a razor blade or wrap electrical tape around the end of the drill bit.

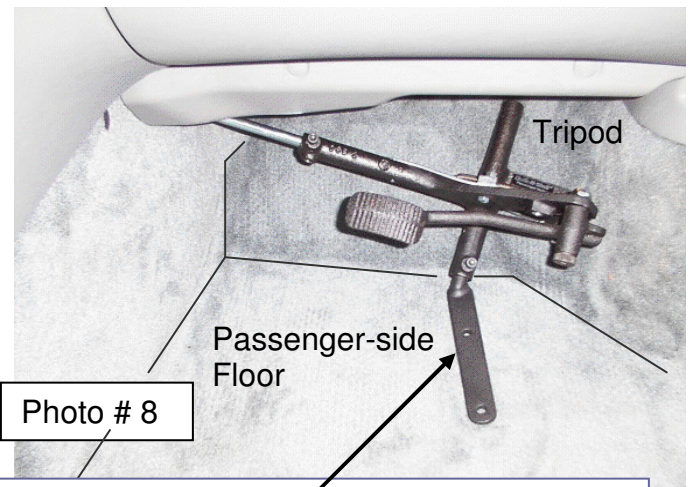
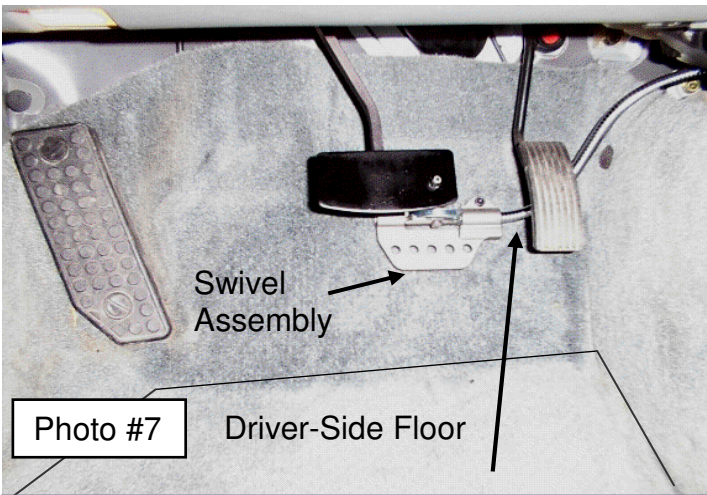


Step 6 – Photo #6

Start vehicle. Line up the swivel pulley under the brake pedal so that the cable is aligned with the swivel pulley as straight as possible. Note: When the passenger-side brake is applied, cable on the driver side should feed through pulley smoothly and in a relatively straight line. Use drill with 3/8" socket drive to secure swivel pulley with two **SELF TAPPING SCREWS** and lock washers, until snug. Finish tightening with a ratchet wrench. Do not over tighten. Alternate tightening of screws.

*****IMPORTANT NOTE*****

Take extreme care to avoid puncture of a hydraulic, fuel or electrical line. Check underside of vehicle to locate approximate exit point of drill bit prior to drilling through floor board or firewall.

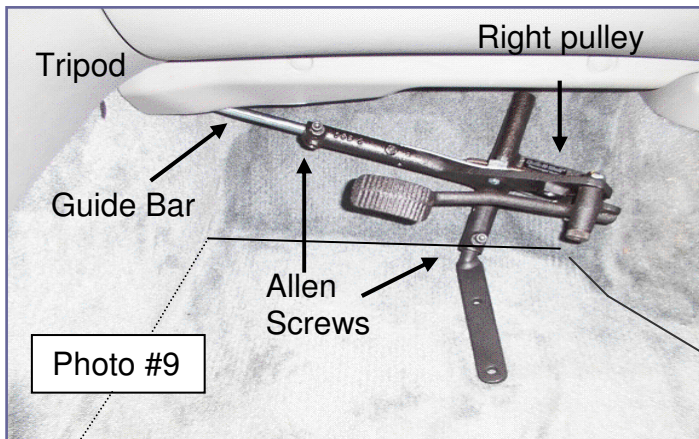


Step 7 – Photo #7

Make sure to re-conform flex line under accelerator pedal so as not to interfere with the accelerator pedal's operation.

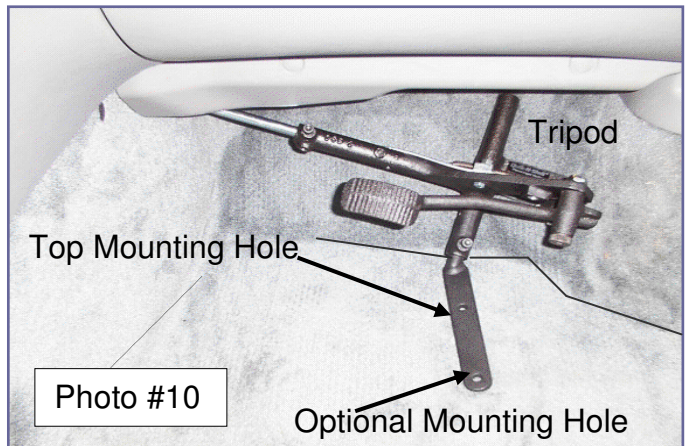
Step 8 – Photo #8

Make sure foot adjustment bar is inserted into tripod. It should lie flat on the floorboard.



Step 9 – Photo #9

Move the tripod back and forth on the guide bar until it is in a comfortable and stable position: (*as far right as allowable with the guide bar supported on the center console.*) (Note: Tripod can be moved over on the steel guide bar within an inch of the tip). Make sure when you depress the instructor brake pedal that the right pulley does not rub or hit against the right side of the passenger compartment or carpeting. Lightly tighten both allen screws.



Step 10 – Photo #10.

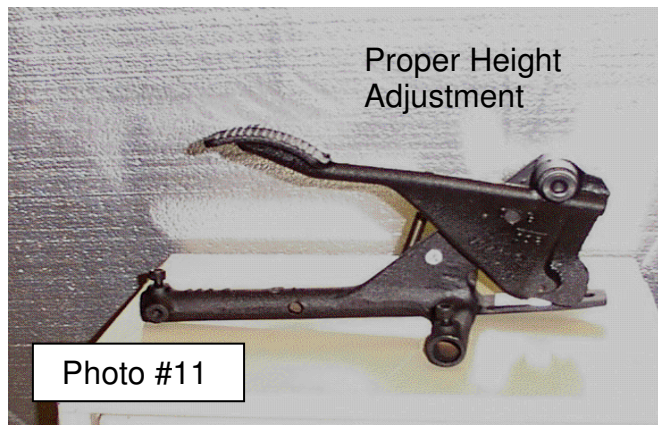
Drill a 5/16" hole into the floor through the top mounting hole of stabilizer bar and secure stabilizer bar to the floor with a 5/16" bolt and nut.

The top mounting hole on the foot adjustment bar **MUST** be used to insure the security of the tripod. The secondary mounting hole is optional depending on your application. See Photos #10 and #12. Do not over tighten bolt if using optional mounting hole.

Complete by tightening both allen screws.

*****IMPORTANT NOTE*****

Take extreme care to avoid puncture of a hydraulic, fuel or electrical line. Check underside of vehicle to locate approximate exit point of drill bit prior to drilling through floor board or firewall.



Step 11 – Photo #11

Start vehicle to activate power brake system. Pull end of cable, gently until tripod brake pedal is at a comfortable height for braking. Pedal must be horizontal or slightly above horizontal for maximum efficiency. Pedal should *NOT* be at the highest point, which is the locking position only. Then secure cable under lock block (in groove) and tighten with two 7/16th box wrenches.

Lastly, tighten all allen screws. Once tightened, insert safety-lock pin and check that brake lights are off. If lights are on, adjust brake pedal down.



Caution

If your vehicle is equipped with adjustable gas and brake pedals, **disable feature** prior to adjusting cable lock block.

Cable Lock Block

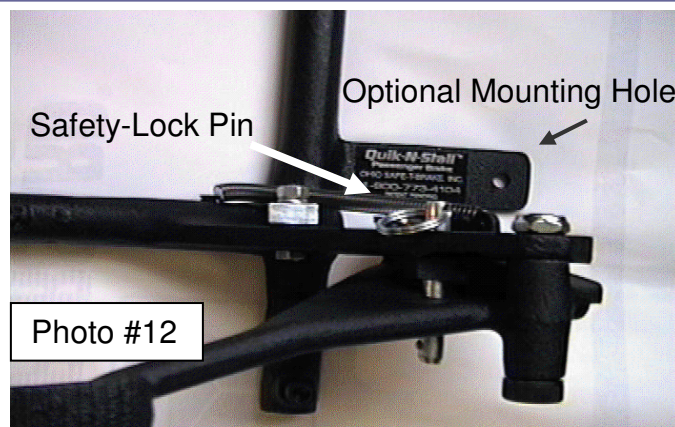
Before tightening cable lock block, make sure to seat cable in (either of the two) lock block grooves to prevent crushing.



OS Brake
OS Brake, Inc.

2509 Krisko Circle S.W.
Canton, Ohio 44706
www.osbrake.com
sales@osbrake.com

Technical Support
800.773.4104



The **safety-lock pin** should be completely removed and stored while in service. It can be hung on the allen screw on horizontal stem of brake tripod.

Note: Make sure floor mat does not interfere with the operation of the swivel assembly on the driver's side.

Parts List

- (1) 1/8" Aircraft Cable - w/ball stop
- (1) Stabilizer Bar
- (1) Safety Lock Pin
- (1) Tripod Assembly
- (1) Swivel Pulley / Flexible Cable Housing / Guide Bar Assembly
- (1) Hardware Packet
 - (2) self-tapping screws
 - (2) bolts - 5/16" x 2.5"
 - (2) nylon lock nuts
 - (2) split lock washers
 - (1) cable housing extension - 4"

Tools

Offset Hand Drill;
7/16" box wrenches (two)
1/4" Allen Wrench
1/2" Box Wrench
1/2" Socket w/ratchet
1/4" Drill Bit
5/16" Drill Bit
Countersinking Drill Attachment;
3/8" Socket Drive (for drilling self tapping screws.)
3/8" Ratchet Wrench