

# IDEAL Stop Universal Brake

#9602 & #9602PB

This Brake Comes Assembled to avoid error and reduce Installation Time.

**Any Alteration to this Unit will void our Warranty**

*Please note to avoid undue strain on cable in van installation, cable assembly must go through the motor housing, not around it. Installation of cable around housing will void warranty and all liability on this product.*

**PLEASE READ INSTRUCTIONS CAREFULLY BEFORE INSTALLATION**

## REAR – WHEEL – DRIVE

1A. On rear wheel drive (RWD) vehicles, place the pulley assembly bracket on the vertical firewall below or along side the steering column as appropriate. Align the left side of the pulley assembly bracket as close as possible to the right side of the driver brake pedal arm without interfering with normal brake pedal travel. (See illustration #1) The height of the pulley assembly bracket on the vertical firewall should be positioned to provide a pulling force perpendicular to the brake pedal arm. (See illustration #3) \*see note below

## FRONT-WHEEL-DRIVE

1B. On most front wheel drive (FWD) vehicles, place the pulley assembly bracket on the vertical fire wall below and as close as possible to the steering column, aligning the right side of the pulley wheel as close as possible with the left side of the driver brake pedal arm without interfering with normal brake pedal travel. (See illustration #2) The height of the pulley assembly bracket on the vertical firewall should be positioned to provide a pulling force perpendicular to the brake pedal arm. (See illustration #3) \*see note below

### \*NOTE

*Check to make sure that when fully depressed the brake pedal arm does not contact the pulley assembly bracket. To obtain greater clearance between the pulley assembly bracket and the pedal clamp attached to the driver brake pedal arm; it is recommended that you cut away the padded insulation/carpet immediately under the pulley assembly bracket. This allows approximately 3/4 inch more clearance and a more stable mounting. (The brake pedal clamp should pass above the pulley assembly bracket when the brake pedal arm is fully depressed.) (See illustration #3)*

2. Attach the pedal clamp to the driver's brake pedal arm in such a position that when the driver brake pedal is fully depressed, the cable clamp will be at the same height as the pulley on the pulley assembly bracket. (See illustration #3)

## REAR-WHEEL-DRIVE

2A. On the RWD vehicles, the pedal clamp must be attached to the driver pedal arm in such a position that the cable clamp attached to the pedal clamp is on the right side of the driver brake pedal arm. (See illustration #1)

## FRONT-WHEEL-DRIVE

2B. On FWD vehicles, the pedal clamp must be attached to the driver brake pedal arm in such a position that the cable clamp attached to the pedal clamp is on the left side of the driver brake pedal arm. (See illustration #2)

3. The cable clamp may be inserted into the pedal clamp either from the top or bottom in order to prevent any interference between the pedal clamp and inner cable. (See illustration #3)
4. After locating pulley assembly bracket and before drilling holes, check engine side of fire wall for any wire or tubing which may be damaged when drilling holes to mount pulley assembly bracket with bolts, washers and hex-head cap screws provided. If bolts cannot be used, pulley assembly bracket can be mounted with a 1 inch, no. 14 self-tapping screw. Punch 3/16-inch holes for these screws.
5. With the pulley assembly bracket in place, position the dual brake assembly on the instructor's side of the vehicle producing as straight a line as possible for the cable. **THERE CAN BE NO SHARP BENDS BETWEEN THE PULLEY ASSEMBLY BRACKET AND THE DUAL BRAKE ASSEMBLY.** The straighter the cable assembly, the more feel the instructor has of the braking action. The metallic cable casing is loosely contained in the pulley assembly bracket and the dual brake assembly by set screws. If the cable casing is too long making it impossible to obtain a straight line with the cable assembly as provided, loosen the set screws and remove inner cable casing to the dual brake assembly and pulley assembly bracket, make sure that the cable casing does not contact pulleys. (See illustration #1, #2 or #4)
6. Locate dual brake assembly on instructor's side as high as possible on the sloped portion of floorboard without contacting heat/air ducts. Use the metal step\* to raise the dual brake assembly to provide a better pedal angle for the instructor. The metal step should be mounted on the sloping floorboard as far to the right as possible. Check engine side of firewall and under carriage of the sloping floor for and wires or tubing which may be damaged with drilling holes to mount metal step. Using the bottom and top center holes of the metal step, use the two 1-1/2-inch screws to secure the step. Punch 3/16-inch holes for these screws. (See illustration #5)
7. Mount the dual control brake assembly securely to the metal step\* using the three- (3) 1-inch no. 14 self-tapping screw provided. (See illustration #5) After dual brake assembly has been mounted, check cable to be certain it operates freely within the casing.

\*NOTE: Though recommended to be utilized, the metal step is only necessary for comfort of the instructor when vehicle floor slopes require it.

8. With the dual control brake pedal at its highest point, and the drivers' brake pedal arm fully released, attach the inner cable to the pedal clamp using the cable clamp. Make sure to double the cable with the looped end facing the driver before tightening the cable clamp. (see illustration #6) remove all slack. A spring is provided to add additional tension and may be attached, if required, from the end of the pedal clamp to the under side of the dash. NOTE: The spring pulls the brake pedal completely back and prevents brake ride and additional wear on brake linings.
9. Check the action of the instructor's brake with the engine running. Test brake several times with full pressure applications to instructor's brake as in a panic stop.
10. Check installation for cable wear frequently. (Replace cable every 3-6 months) When transferring dual control cable brake to another vehicle install a new inner cable. The six-foot (6-foot) replacement cable, part number is 9691. These are available separately from Driver Training Products. ([www.drivertrainingproducts.com](http://www.drivertrainingproducts.com))

**ATTENTION: THESE UNITS ARE ADAPTABLE TO MOST VEHICLES.**

*NOTE: THIS UNIT, IS A UNIVERSAL UNIT, ADJUSTMENTS MUST BE MADE TO FIT DIFFERENT MAKE AND MODEL VEHICLES.*

See illustrations on the following pages.

**PLEASE NOTE**

FOR DUAL BRAKE/CLUTCH SETS THE SAME INSTRUCTIONS APPLY. HOWEVER, THE CLUTCH PLATE FOR THE UNIT SHOULD BE SLIGHTLY HIGHER THAN THE BRAKE PLATE. (THIS CAN BE DONE BY ADDING SHIM STOCK, NOT SUPPLIED)

**IMPORTANT: CERTIFIED AUTOMOBILE TECHNICIANS SHOULD COMPLETE ALL INSTALLATIONS.**

If any additional information is required please feel free to contact us between the hours of 8:00 AM and 3:00 PM Monday through Friday.

If any additional information is required please feel free to contact us between the hours of 8:00 AM and 3:00 PM Monday through Friday.

**NOTE**

THE ONLY REPLACEMENT ITEMS AVAILABLE ARE LISTED WITH PART NUMBERS, ON THE LAST PAGE OF THE MANUAL.

**DRIVER TRAINING PRODUCTS**  
606 BOSLEY AVE  
SUITE 2E  
TOWSON MD 21204





## KEY FACTORS FOR A SUCCESSFUL INSTALL:

- ✓ **Cut the Housing to Fit – but not the cable**
  - If there is extra housing that bunches up around the mounts, it can cause a loop, which causes binding in the cable and faulty braking.
- ✓ **Make sure the cable runs in as straight of a line as possible**
- ✓ **Make sure the Pulley Wheel is positioned on the left side (at 9'o clock):**
  - If the pulley is turned around in another position other than 9'o clock, it will cause faulty braking
- ✓ **Make sure the Cable runs into the floor mount on the right side (at 3'o clock)**
  - SEE ABOVE

**Correct Driver's Side Position**

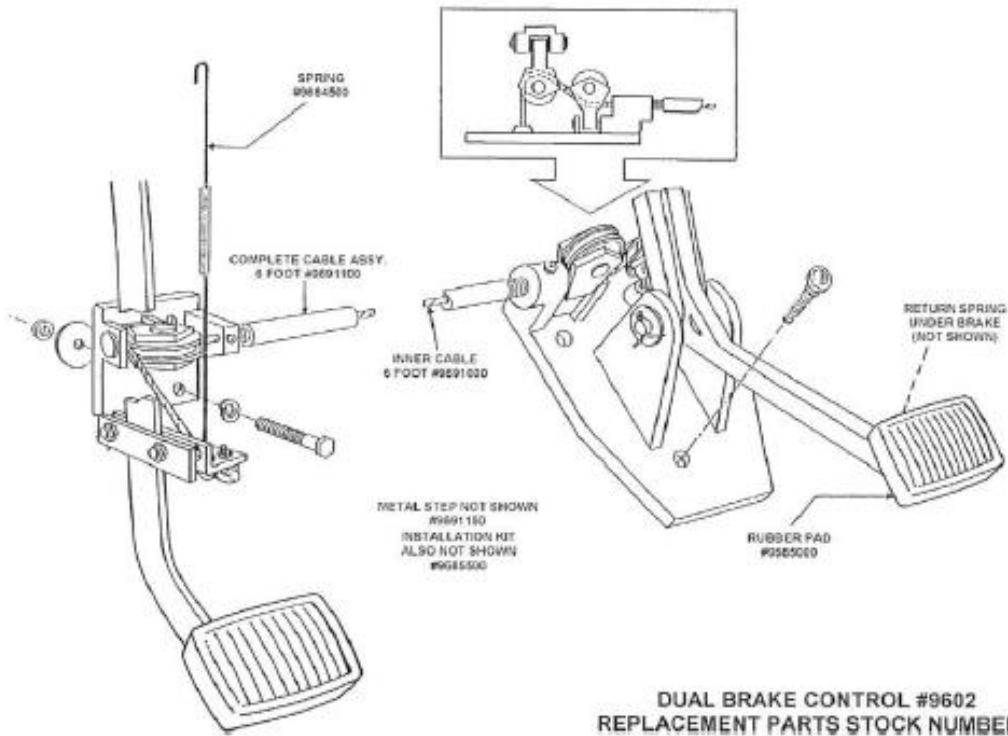


**Correct Passenger Side Position (PLATFORM)**



**(DRILL-IN)**





**DUAL BRAKE CONTROL #9602  
REPLACEMENT PARTS STOCK NUMBERS**

