



S&W Race Cars and Components, Inc.

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CAUTION!!! - The most important requirement for a successful installation of this, or any, S&W chassis component is that you take your time and use good common sense. Check & recheck all measurements before cutting or welding. If at any time before or during the installation you have any questions - STOP - and call our tech line at 610-948-7303 and we will gladly explain in more detail any step in the installation.

Please read complete instructions thoroughly before beginning!

Installation Instructions for part # 15-026 & 15-026B Brake Pedal Kit

- 1) With the driver sitting in the driver's seat with his hands on the steering wheel, locate where the brake pedal should be installed. **Note: after you have located where the pedal will be, check under the car to be sure the frame rail, connector, headers, etc. will not interfere with the pedal.**
- 2) Cut a hole in the floor in this location, so the pedal can come up through and will have room to move front to back. **Note: Keep in mind the distance from the back of the pedal to the firewall or floor at full throttle.**
- 3) Assemble the cross shaft support with tab, brake pedal, spacer tube, and cross shaft support with tube on the cross shaft. **See drawing.**
- 4) Raise pedal assembly into position from under the car. Position the pedal height for the driver's comfort.
- 5) Tack weld the tab of the cross shaft support to the frame rail, and the tube of the other shaft support to a crossmember in front of the pedal assembly. When doing this make sure the cross shaft of the pedal assembly is straight and level, front to back and top to bottom.
- 6) After the pedal is in the proper location drill a hole through the spacer tube and cross shaft for a 1/4" bolt. Secure the spacer tube to the cross shaft with a 1/4" x 1-1/2" bolt and 1/4" nylock nut.
- 7) Now you can locate where the master cylinder should be mounted. With the pedal pulled slightly back toward the driver, install the clevis brake link as shown in the drawing. **Note: when locating the master cylinder, keep the brake lines and master cylinder clear of the header, and excessive heat.**
- 8) Install the master cylinder in the master mount. The mounting holes may have to be drilled larger for your application.
- 9) Install the threaded master cylinder push rod (supplied with your master cylinder) in the brake link, see drawing.
- 10) Cut a hole in the floor at the back end of the brake link and master cylinder push rod, for the master cylinder to be raised up through the floor. **Note: Keep the brake link straight and level.**
- 11) With the master cylinder in position, tack weld the master cylinder mount with gusset to the frame rail.
- 12) Refer to the master cylinder instructions for adjustment.
- 13) With the brakes adjusted move the pedal through it's travel and check for clearance. If all clearance is okay, finish welding all brackets and mounts.

Due to the wide variety of race car frame construction, you may have to make alterations for your application.

Parts List for 15-026 or 15-026B

QTY.	Part #	Description
1	15-0261 or 15-0261B	Brake Pedal (Chrome or Black)
1	1x156domx12	Cross Shaft 1"x.156 wall dom 12" long
1	1250x120domx4	Spacer Tube 1-1/4"x.120 wall dom 4" long
1	15-0264	Cross Shaft Support/Bushing with Tab
1	15-0265	Cross Shaft Support/Bushing with Tube
1	15-0276	Aluminum Clevis Brake Link
1	15-0267	Rubber Pedal Pad
1	60-326-01	Dual Master Cylinder Mount Bracket
1	60-326-02	Dual Master Cylinder Mount Gusset
2	65-024	3/8-24 x 1" G8 Bolt
3	65-132	3/8-24 Nylock Nut
1	65-025	3/8-24 x 1-1/4" G8 Bolt
1	65-111	5/16-24 Jam Nut
1	65-008	1/4-28 x 1-1/2" G8 Bolt
1	65-130	1/4-28 Nylock Nut
1	40-2182	Gusset

