



S&W Race Cars and Components, Inc.

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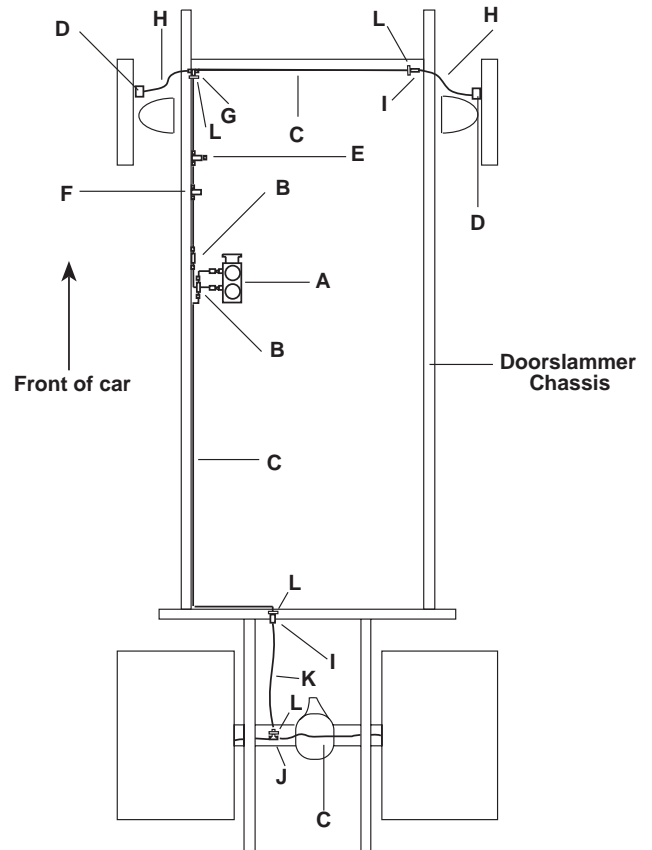
CAUTION!!! - The most important requirement for a successful installation of this, or any, S&W chassis component is that you take your time and use good common sense. Check & recheck all measurements before cutting or welding. If you have any problems, before or during the installation - STOP - and call 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!

Brake Line Installation Instructions for 4 Wheel Brake Applications

(for use with dual master cylinder part #55-359 or 55-363)

- A) Mopar style dual master cylinder will require 1 part# 94-2357, 9/16"-20 to #3 fitting for the front brakes and 1 part# 94-2356, 1/2"-20 to #3 fitting for the rear brakes **note: the rear brake lines should be installed into the out let on the master cylinder, closest to the push rod.** Secure the front and rear 3/16" steel brake lines to the #3 fittings on the master cylinder with a part# 94-3591, #3 tube nut and part# 94-3667 tube sleeves.
- B) In-line residual pressure valve **note: the residual valves should be installed as close to the master cylinder as possible, use a 2 lbs valve for disc brakes and a 10 lbs valve for drum brakes.** Use 2 of part# 94-4244, #3 to 1/8" pipe fittings to go into each valve, securing the 3/16" steel line with 2 of part # 94-3591 tube nuts and part# 94-3667 tube sleeve.
- C) 3/16" steel brake line.
- D) Brake caliper. Adapting the brake hose to the caliper with a part# 94-4244 #3 to 1/8" pipe fitting. **Note: this adaptor will vary for drum brakes wheel cylinders.**
- E) Adjustable proportioning valve. Use 2 of part# 94-4244 #3 to 1/8" pipe fittings to go into the proportioning valve, securing the 3/16" steel line with 2 of part # 94-3591 tube nuts and part# 94-3667 tube sleeves.
- F) Line lock. Use 2 of part# 94-4244 #3 to 1/8" pipe fittings to go into the line lock, securing the 3/16" steel line with 2 of part # 94-3591 tube nuts and part# 94-3667 tube sleeves.
- G) Part# 94-4330 #3 steel bulkhead tee and part# 94-4387 bulkhead nut. Securing the 3/16" steel line with 2 of part # 94-3591 tube nuts and part# 94-3667 tube sleeves.
- H) Part# 94-5606 24" #3 steel braided brake hose with straight female fittings on each end.
- I) Part# 94-2770 #3 steel bulkhead fitting and part# 94-4387 bulkhead nut. Securing the 3/16" steel line with part # 94-3591 tube nut and part# 94-3667 tube sleeve.
- J) Part# 94-4330 #3 steel bulkhead tee and part# 94-4387 bulkhead nut. Securing the 3/16" steel line with part # 94-3591 tube nut and part# 94-3667 tube sleeve.
- K) Part# 94-5603 15" #3 steel braided brake hose with straight female fittings on each end.
- L) Part# 60-314 mounting tab for bulkhead fitting. Trim to fit & weld in place.



Parts List for 4-Wheel Brake Line System

Qty.	Part Number	Description
2	94-2770	#3 steel bulkhead fitting
2	94-4330	#3 steel bulkhead tee fitting
4	94-4387	#3 steel bulkhead nut
18	94-3591	#3 steel tube nut
18	94-3667	#3 steel tube sleeve
14	94-4244	#3 to 1/8" pipe steel fitting
1	55-805	25' roll 3/16" steel brake line
1	94-5603	15" #3 steel braided brake hose
2	94-5606	24" #3 steel braided brake hose
1	94-2356	1/2"-20 to #3 steel fitting
1	94-2357	9/16"-20 to #3 steel fitting
4	60-314	Universal tab for bulkhead mounting