

REMOVAL OF #641286 PRESSURE REDUCING VALVES ON TAG AXLE BRAKING SYSTEM

MATERIAL

Kit #142167 includes the following parts :

Part No.	Description	Qty
507557	90 Elbow, M-F ½ NPT (brass)	2
501529	Union, ½ NPT F x ½ NPT F (brass)	2
641089	45 Elbow, ½ tube x ½ NPT M (brass)	2
641035	Sleeve, for ½ OD tube (brass)	4
503488	Black Nylon Tubing ½ OD X 72" long	1
IS-01012	Instruction Sheet	1
FI-01012	Feuille d'instructions	1

PROCEDURE

Warning: Park vehicle safely, apply parking brake, stop engine and set battery disconnect switch(es) to the OFF position prior to working on the vehicle.

Prior to working under an air-suspended vehicle, it is strongly recommended to support the body at the recommended jacking points.

1. Remove both rear wheel fenders.
2. From underneath vehicle, locate both tag axle pressure reducing valves (figure 1).

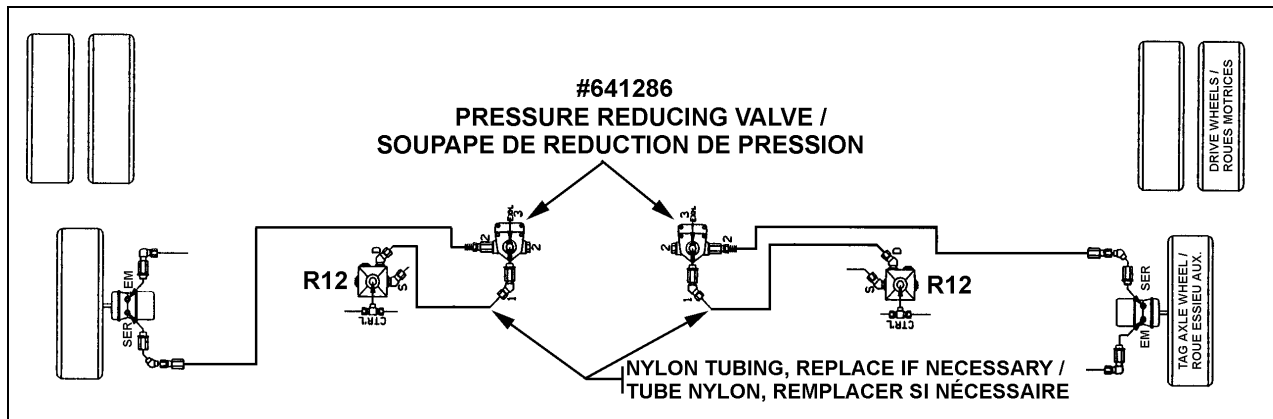


FIGURE 1 : LOCATION OF PRESSURE REDUCING VALVES ON TAG AXLE BRAKING SYSTEM

3. Remove and discard both #641286 valves.
4. Assemble two fitting assemblies with parts #507557, #501529, #641089. Use Loctite 567 thread sealant on NPT type thread (pipe thread) (figure 2).
5. If necessary, remove and replace both ½ OD black nylon tubing between pressure reducing valve and R12 relay valve (figure 1) with ½ OD nylon tubing included in kit. Use the new sleeves #641035 (figure 2).
6. Correctly tighten all fittings. If necessary, fix tubing with nylon ties.
7. Pressurize air system and check for leaks using a soapy water solution; retighten fittings if required.

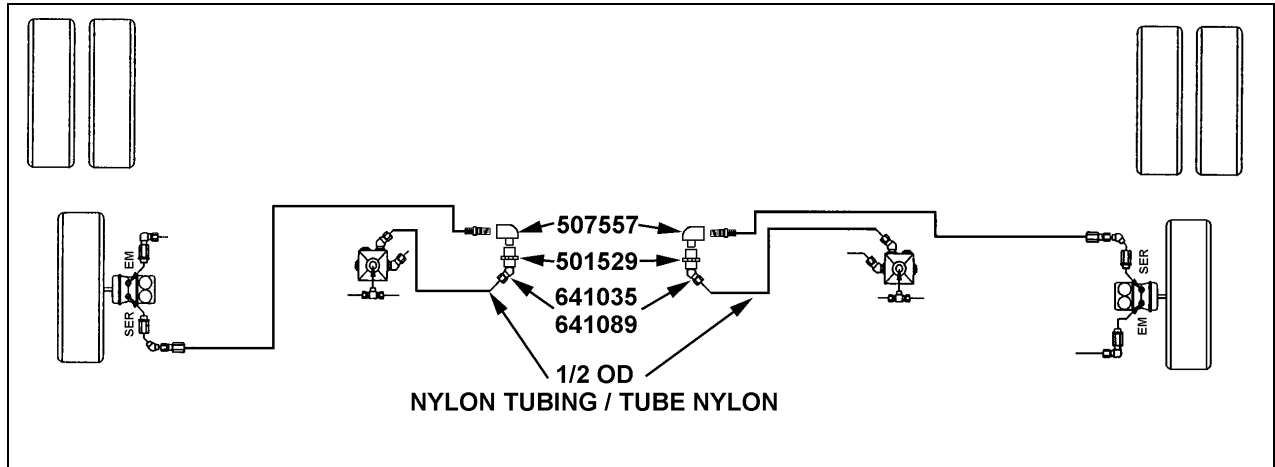


FIGURE 2 : FITTING ASSEMBLIES