



VAC-SYS-KIT

Base Vacuum System for Locker/Decoupler Controls

Mounting the Reservoir

For 4WD Syncro

There should be two 5mm studs welded to the angled floor reinforcement piece in the center of the vehicle, approximately 18" forward of the rear cross member. Position the reservoir with the output pointing rearward and the mounting holes inboard. Use the regular nuts to act as a positioning stop for the reservoir and the nylock nuts to secure it once it is positioned.

2WD

1. Locate the angled floor reinforcement piece that runs fore to aft, just outboard of the center of the vehicle. You will be drilling through the horizontal lip to mount the reservoir.
2. Roughly position the reservoir with the output pointing rearward and the mounting holes inboard.
3. Drill two 7/32" holes, approximately 2-23/32" apart, up through the horizontal lip, roughly 18" forward of the rear cross member.
4. Mount the 5mm bolts down through the holes and tighten a regular nut down to secure the bolt in place on the metal lip. Use the additional regular nuts as a positioning stop for the reservoir and the nylock nuts to secure it once it is positioned.

Plumbing the Vacuum Lines

1. Locate the vacuum line running from the engine, forward to the brake booster. It is 3/8" plastic tubing that is in the bundle of wires running along the inside of the left inner frame rail.
2. Cut the silicone vacuum hose into three 2" pieces.
3. Cut a 2" piece from the hard nylon vacuum line, attach one of the 2" pieces of silicone tubing to it and insert the other end of the hard line into the vacuum reservoir.
4. Connect the T-fitting to the line from the reservoir and connect the check valve to one branch of the T-fitting with another piece of silicone tubing.
5. Connect the reducing T-fitting to the other end of the check valve with the rubber vacuum line and curve it over to meet the brake booster line (trim the lines as necessary to get a clean fit).
6. Cut the brake booster line and insert the reducing T-fitting and secure with the clamps.
7. Attach the long run of nylon line to the other branch of the T-fitting and route it up to the dash.

