

Hose Assembly Instructions

High Pressure Hose Specs

Howe Performance recommends using the Eaton Aeroquip High Pressure Cloth Braided hose with Reusable field connect steel fittings for the high pressure hoses on your power steering system. We only use the Blue Hose due to higher temperature rating than the black hose.

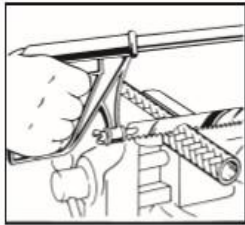
-6 High Pressure Hose Specs: Hose I.D. 5/16", Hose O.D. 43/64", 2,250 working PSI, 9,000 Burst PSI, 302 degrees Fahrenheit.

-8 High Pressure Hose Specs: Hose I.D. 13/32", Hose O.D. 49/64", 2,000 Working PSI, 8,000 Burst PSI, 302 degrees



High Pressure Hose Assembly Instructions

For Aeroquip High Pressure cloth braided hose with field connect re-usable fittings.



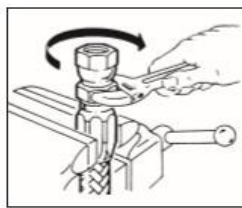
Step 1 – Cut hose square with a hack saw or cut off wheel

Step 2 – Put the Fitting Socket into vise, screw hose counter clockwise into socket until it bottoms out. You may have to back the socket off ¼ turn to get the fitting started. Make sure you tighten it back up once fitting is fully installed into hose



Step 3 – Apply Lube to the threads of fitting (You may use grease or power steering fluid.)

Next thread the fitting clockwise into the hose and socket by hand



To ensure no cross threading. Once tight by hand finish tightening fitting into hose with wrench. Note there may be a small gap between the hex of the fitting and the socket on the hose approximately .03125" and .0625".

****Be sure to clean out the hose after installing the fitting to ensure no rubber pieces are trapped in the hose and avoid sending debris through your system.****

Hose Assembly Instructions

Low Pressure Push-Loc Style Hose



Howe Performance recommends using Eaton Aeroquip Low Pressure Push Lock style hose for all return lines. This is because the low pressure hose has a larger I.D. than high pressure hose and is less restrictive on the return line. It is similar to taking your thumb off the garden hose and letting the water free flow out. We use this in -8,-10 and -12 sizes.

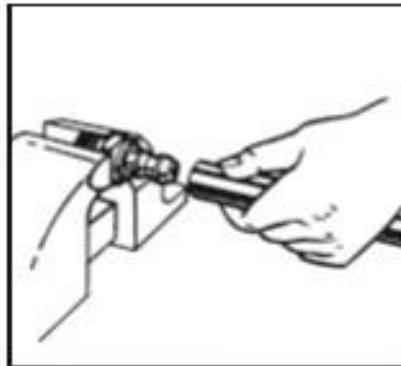
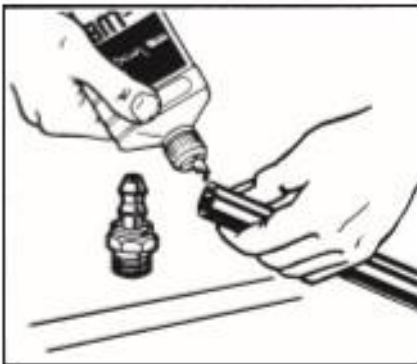
-8 Low Pressure Hose Specs: Hose I.D. .50", Hose O.D. .75", 250 PSI, 300 degrees Fahrenheit

-10 Low Pressure Hose Specs: Hose I.D. .63", Hose O.D. .91", 250 PSI, 300 degrees Fahrenheit

-12 Low Pressure Hose Specs: Hose I.D. .75", Hose O.D. 1.03", 250 PSI, 300 degrees Fahrenheit

Assembly Instructions

Step 1 – Cut hose to length with sharp knife or hose cutter. Make sure it is square. Apply lube in to hose and on fitting.



Step 2 – Secure fitting into Vise and begin pressing hose onto the fitting. Press the hose all the way on to the fitting until it is tight against the collar. You may use a heat gun to soften up the hose for easier installation.

****Be sure to clean out the hose after installing the fitting to ensure no rubber pieces are trapped in the hose and avoid sending debris through your system.****