



## Pure Stealth Reduced Barrier Fitting Instructions

[www.purechoicemotorsports.com](http://www.purechoicemotorsports.com)

**Fitting Placement** – Start with the fittings. Loosely install all hose ends in their respective locations. If you need to take advantage of our exchange program, please do so before proceeding further. (Service ports typically are installed on the compressor, 45° hose ends are typically placed on the condenser, 90° hose ends are typically placed on the drier & firewall/evaporator.)

**Cutting Hoses to Length** - Use a single wrap of masking tape around the Pure Stealth hose. Measure and mark the cut location with a marker. Our preferred cutting tool is a Milwaukee ratcheting PVC pipe cutter. This efficient cutter leaves a



nice, clean cut through the nylon braided hose. After the hose is cut to length, remove the masking tape from the end of the hose. Trim any stray nylon threads with scissors.



**Preparing the Fittings for Crimping** – Cut the 1” wide cloth strip included with each fitting to length so that it wraps around the crimp barrel of the fitting and just slightly overlaps. Use a small piece of masking tape to hold the cloth strip tightly around the crimp barrel. The cloth wrap prevents the dies from polishing the coating as the “dimples” are created and prevents scratches on the crimp barrel.



Pure Stealth Reduced Barrier Fittings are coated with our proprietary ceramic coating that is engineered to withstand the crimping process. The coating is extremely durable but it can be scratched. Care should be taken during the crimping and installation process to prevent damaging the coating.

**Clocking the Fittings** – Use a wrap of masking tape on the hose and the fittings. Mark each piece of tape to ensure the clocking of the fitting stays consistent throughout the crimping process.

**Witness Hole** – This hole in the crimp barrel will indicate when the crimp fitting is properly seated on the hose.



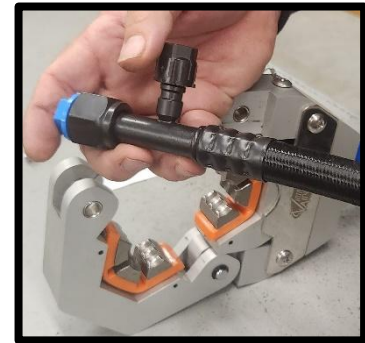
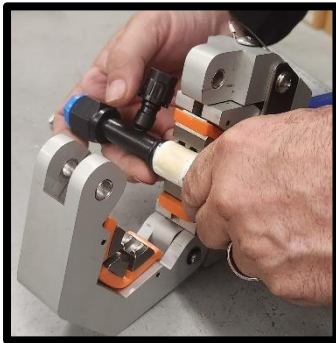
**Crimping Tool** – This hose kit contains REDUCED BARRIER beadlock-style fittings. Fittings must be crimped with an automotive air conditioning beadlock hose crimping tool and correct reduced barrier dies. Crimping this hose with any other crimping tool will damage fittings and hoses, and may void warranty.



**Die Selection** – Crimper dies are specifically designed for certain hoses and fittings. Make sure to verify the dies are REDUCED BARRIER and are sized correctly for each of the hose ends.



**Crimping** – Align the fitting in the crimping dies so the crimp barrel is centered in the dies. Follow the crimping tool manufacturer's instructions.



**Line Clean Out** - Use an air hose to blow out any debris from inside the hose. Debris, such as a single nylon strand, can plug an expansion valve.



**Refrigerant Oil** – Apply a couple of drops of the provided oil onto each o-ring before final assembly.

**Final Assembly** – Reinstall hoses and tighten the fitting nuts to 15-20 ft-lbs. Do not over-tighten.

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Visit our YouTube Channel for installation videos – [www.youtube.com/@Pure-Stealth](http://www.youtube.com/@Pure-Stealth)

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