



Cutter Hose End Installation

- 60-13XXX-XX Cutter Swivel Hose Ends
- 60-58201 Stainless Steel Braided Hose - Synthetic Rubber Liner
- 60-58201-BLK Black Stainless Steel Braided Hose - Synthetic Rubber Liner
- 60-58202-BLK Black Nylon Covered Stainless Steel Braided Hose - Synthetic Rubber Liner

INSTALLATION INSTRUCTIONS

Tools Needed for Installation:

- AN Wrenches
- Fine Toothed Hacksaw/Cut-off Wheel/Hose Cutting Tool
- Low-residue Tape
- Marker
- Scissors
- Wire Cutters
- Assembly Lube (non-corrosive)
- Table Vise

Tips for Hose End Installation:

- When cutting your hose make sure to include the length of the hose end to your overall hose length.
- Give yourself a bit of extra hose to work with to ensure there is no tension on the hose end.
- Use the correct size wrenches to avoid damage to the fitting.
- Make sure that none of the hose casing material is hanging out from the hose end. If this happens remove the hose and reseal it within the Cutter hose end. This could be a sign that the hose is not assembled properly and could pose a safety risk.

If you need any assistance during installation or if you have questions about this process, call our Tech Help Line at (254) 848-4300.



Step 1 – Vehicle Disassembly

- Determine the correct length of your hose and mark the location for your cut.



- Using a low residue tape wrap the area of the hose that you want to cut and then mark your cut length on the tape.



Stainless Braided Hose (60-58201 & 60-58201-BLK)

- Once you have a clear mark on the tape, secure the hose in vise jaws (60-58364, 60-58365) or anywhere that you can safely use a fine toothed hacksaw or angle grinder's cutoff wheel.

NOTE: A clean cut will make the remaining steps go much more smoothly, so take your time to make a clean cut.

IMPORTANT: All appropriate safety equipment (gloves, tools etc.) must be used during the installation of this product(s).

Nitro Dave's LLC accepts NO responsibility for injuries or damages resulting during and/or from the installation of any product(s). All products are intended for off-road use only.

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Nylon Covered Stainless Braided Hose (60-58202-BLK)

- Use a Hose Cutting Tool to cut in the desired location.



Stainless Braided Hose

- Remove the tape on the hose. Use wire cutters to trim any frayed stainless steel exterior of the hose so that the hose can easily slide into the hose socket.



Nylon Covered Stainless Braided Hose

- Remove the tape on the hose. Use scissors to trim any frayed nylon on the exterior of the hose so that the hose can easily slide into the hose socket.



- Insert the hose straight into the hose end socket without fraying the outer hose material. You must screw the hose into the socket in a clockwise rotation.



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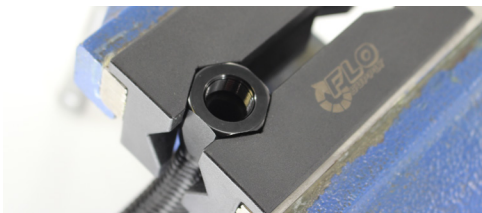
INSTALLATION INSTRUCTIONS



- Make sure the hose liner is flush with the inside of the Cutter Hose end.



- Put a small mark on the hose at the very base of the Cutter Hose End to ensure the hose is not pushed out as you assemble the rest of the hose end.



- Secure the hose and Hose end in a vise.



- Apply a small amount of non corrosive lubricant to the beveled edge and first few threads of the Cutter Insert side of the fitting.



- Carefully center the insert and begin to thread it in the sleeve. It may require a little force to push the fitting nipple into the hose far enough for the threads to engage.



- Once you are sure that the hose is not being pushed out of the hose end, use the correct AN wrench to tighten the two sides of the fitting together. Do not overtighten as this may push the hose out of the hose end.

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Conclusion

- Remove the hose and hose end from the vise and visually inspect the hose to make sure the hose has not been pushed out, that the liner is not obstructing the hose, or that you see any issues that might impact the hose. Use compressed air to blow out the hose before installation. Make sure to check for any leaks upon installation.

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