### The Tunnel Cooler Install Instructions

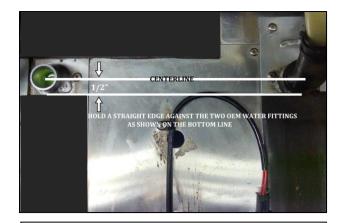


1. Remove rear suspension, track, seat, and fuel tank. Driveshaft & track removal not required but recommended. Remove left hand cooler hose and drain the cooling system. A clean shop vacuum set up for liquid works best.



3. Drill a small pilot hole first then using an 1-5/8" hole saw, drill out the larger hole. Clean all shavings and rivet mandrels before continuing.

**Look At Rivet Layout Sheet Before Proceeding** 



2. Use a straight edge to mark the OEM cooler fittings as shown. Measure up ½" and mark on both sides of the tunnel. Cut out attached template and lay between the OEM cooler extrusions. Center punch on each center marks.



4. Use the taillight wire guide to mark new locations for the rivets down the center. This will ensures correct location. Make sure the front is centered in the tunnel before marking. Insert Tunnel Cooler through the drilled holes.

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5. Secure the cooler with one rivet in the front and back. Align remaining rivets and secure. Rivet clamp plates under the tunnel as shown.



7. **('11-'15 ONLY)** Insert splice and tighten hose clamps. Rotate and install onto the right hand cooler fitting with clamp. Secure with Zip Ties



6. Use the Hose Cut Guide to cut the hose which comes off the cylinder head thermostat. Install and secure with hose clamps. ('11-'15 SEE STEP 7)



8. Install 180° hose and clamps with the long leg on the new cooler fitting. Make sure clamps are tight. Reinstall gas tank, seat, and track.

9. Fill with coolant. We have found the best method is to raise the right side of the sled while filling. The OEM system holds just over 1 gal of coolant. You should use 1.5 gal on a 3' cooler and almost 2 gal on a 5' cooler. Run the engine and watch the temperature. The thermostat opens at approximately 120°F. It may take several attempts to fill the entire system.

**Disclaimer:** Make sure the fuel lines are connected properly or it may result in fire, injury or loss of life! Check for leaks upon first starting the engine! By installing this aftermarket accessory the owner assumes all liability for malfunction or incorrect installation.

#### Kit Contents:

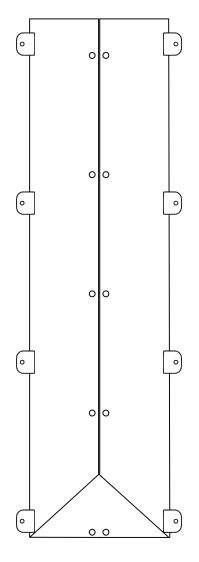
1 - Cooler Assembly 4 -Hose Clamps 8 - Clamp Brackets 22 - 3/16" Steel Rivets 1 - 180° Silicone Hose 1 - Plastic Hose Splice ('11-'15 ONLY)

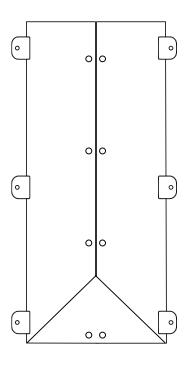
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### **5' COOLER RIVET LAYOUT**

### 3' COOLER RIVET LAYOUT





WHEN PRINTED TO ACTUAL SIZE - THIS DIMENSION SHOULD MEASURE 7-5/8"

Drill 1/2" 4 places

Cut Out Hatched Area

Drill 1-5/8" 2 places

ALIGN THIS BOLD CENTER LINE WITH

THE CENTER OF OEM COOLER CONNECTIONS