Rusted Fuel Tank Filler Neck Repair Procedure

Applies To: All aluminized steel fuel tanks with steel filler necks

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DESCRIPTION

The work instruction below details what is necessary to repair rusted fuel fill necks on all aluminized steel fuel tanks with steel filler necks.

TOOLS REQUIRED

- 1 inch foam brush
- Extra Long Needle Nose Pliers
- Diagonal Cutters
- Clean Rags
- Neoprene or Nitrile Gloves
- Masking Tape

PARTS REQUIRED

The product quantity below will repair approximately 25 filler necks.

- 1 qt. POR - 15 Metal Ready
- 1 qt. POR - 15 U.S. Standard Fuel Tank Sealer

The above supplies can be purchased directly from POR 15 - Website Here

US Standard Fuel Tank Sealer Application Guide

Metal Ready Guide

WARNING:

DO NOT MIX ANY OF THE POR-15 TANK CLEANING OR SEALING PRODUCTS WITH THE FUEL.

PROCEDURE

SIDE MOUNT TANKS

Remove the fuel cap and inspect the neck for rust.

If rust is present the cap and chain assembly must be removed. Use a pair of needle nose pliers remove the retainer clip that holds the cap and chain assembly to the tank.

Clean the interior of the fuel neck with the POR-15 Metal Ready product. Spray a clean rag with the cleaner and swab the interior of the neck to remove any loose rust. Be careful not get any of the cleaner or rust into the tank.

Remove excess cleaner with a dry towel. Allow the fuel neck to dry before proceeding to the next step.

NOTE:

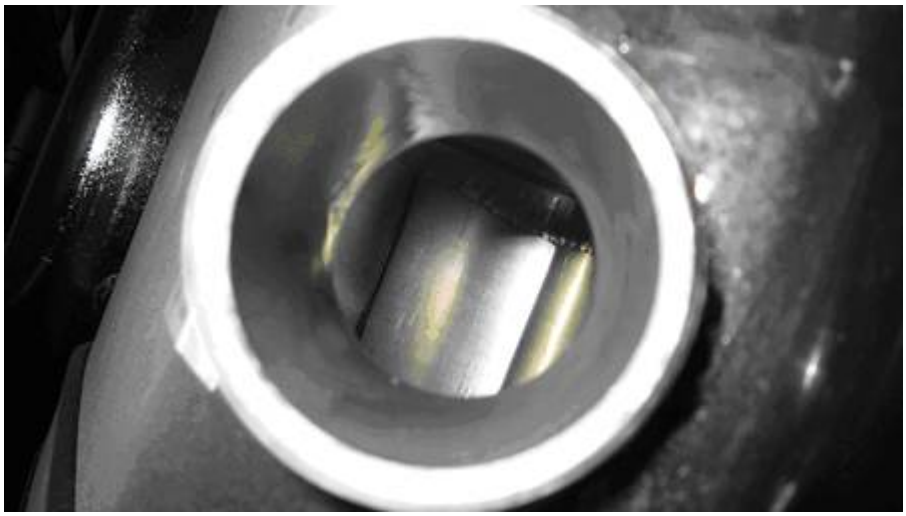
The Metal Ready product provides a zinc phosphate coating that promotes adhesion of the US Standard Tank Sealer.

5. Open the can of POR-15 US Standard Fuel Tank sealer and stir the product. Do not skip this step, the tank sealer will separate and not adhere correctly if not mixed before application.

NOTE:

Wear gloves while applying the tank sealer. This product will not wash off your hands.

Dip the brush in the fuel tank sealer and wipe off excess. Using a circular motion, coat the interior of the neck. Be careful not to drip any excess material into the tank.



When correctly applied, the fuel neck should have an even silver appearance.

The tank sealer will dry to the touch in 1 ½ to 2 hours. The fuel cap can be replaced after the tank sealer is dry to the touch. The product takes 96 hrs. before the full cure is reached. Do not fill with fuel until the product is fully cured.

BTR Tanks 65 & 100 Gallon

Remove fuel cap and inspect for rust.

If rust is present, locate the tie strap that is holding the neck into the receiver.

Cut the tie strap loose and remove from the fuel neck.

Remove the six screws that hold the fuel neck cover onto the body.

Loosen the hose clamp that attaches the steel fuel neck to the rubber hose. Remove the fuel neck by rotating the end of the part downward and pulling out.

Clean the interior of the fuel neck with POR-15 Metal Ready. This can be done by using the spray bottle provided with the cleaner. Soak the interior of the neck thoroughly and rinse with water. Allow the fuel neck to dry.

NOTE:

The Metal Ready product provides a zinc phosphate coating that promotes adhesion of the US Standard Tank Sealer.

Once the neck is fully dried, the fuel tank sealer can be applied. Tape the one end of the fuel neck and the vent line closed. Holding the neck upright position with the taped end down, pour approximately 1-2 ounces of the fuel tank sealer into the neck.

Close the open end of the fuel neck with masking tape and rotate the part until all surfaces are coated evenly. Pour the remaining product back into a separate container. This product can be re-applied to another neck if you use it immediately. If not discard the remaining material.

NOTE:

Wear gloves while applying the tank sealer. This product will not wash off your hands.

Allow the fuel neck to dry for 1 ½ - 2 hours before re-installing.

Full cure is reached after 96 hours. The fuel neck should not be immersed in fuel until full cure is reached.

A correctly coated part should have an even silver appearance.

Re-install the fuel neck in reverse order.