

REPLACE GHIBLI FUEL HOSES

By CLAUD GROTH

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REQUIREMENTS:

1. 20 -Feet of 5/'16" (8 mm) fuel hose. Buy good quality hose, ie: Gates.
2. 22- hose clamps.
3. Electrical tape.
4. A pan to catch dripping gas.
5. 5 gallon gas can, empty.
6. Drive until the tanks are as empty as you dare. Dirt does not leave the tanks because the hose connection is above the bottom of the tank.

ALSO CONSIDER:

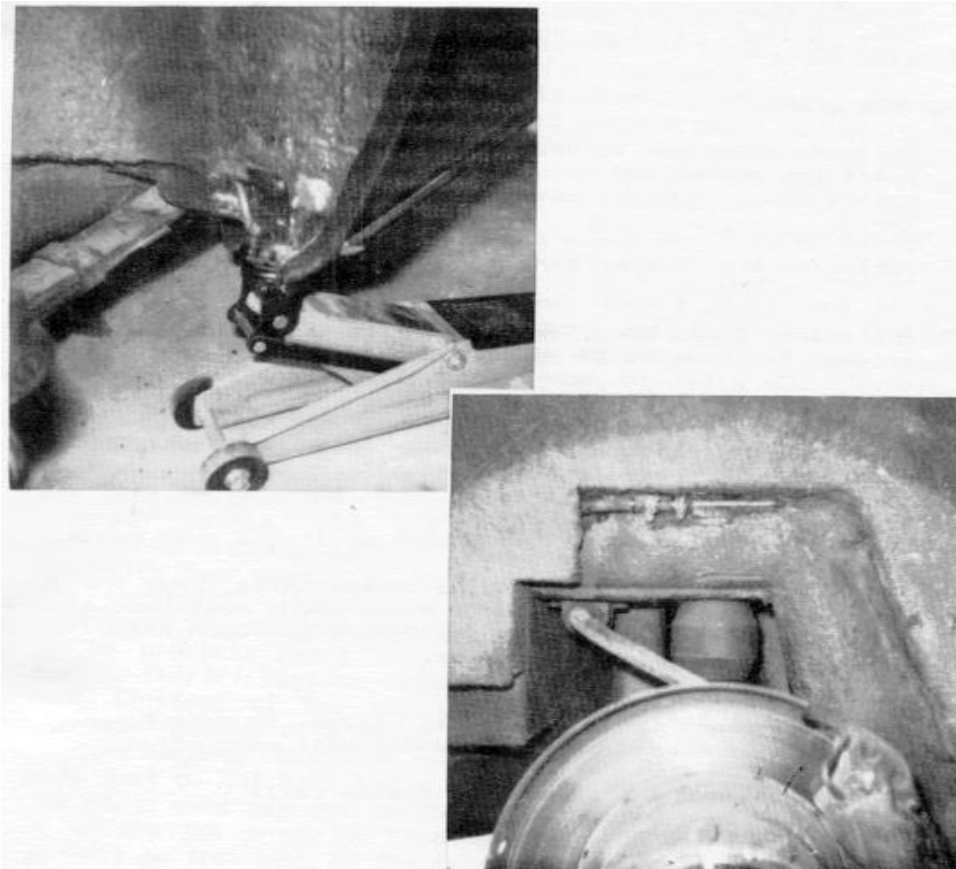
1. A new pressure regulator is recommended (see MOCNA, Summer 1984). CR PRO-FUEL is commonly available and has a dial for pressure setting.
2. New gas tank filters (2). Tanks must be removed to replace the hoses anyway. A 22mm socket and breaker bar are required.
3. Gas tank etching and sealing.
4. New fuel pump filters (2).
5. New pressure regulator filter.

DRAIN TANKS & REPLACE FRONT HOSES:

1. Remove the rear section of the right front wheel well. The copper fuel line runs through the right door sill and enters into the engine compartment just above the jack pad.
2. Remove the clips holding the hose between the copper line and the pressure regulator/filter and cut the hose in half.
3. Carefully bend the copper tube horizontal so that any trapped dirt will exit with the remaining gas.
4. Ground the coil and have someone turn the ignition key on.
5. Pump the gas from each tank to a large can.
6. Use electrical tape under the hose clamps to prevent cutting the hose as Maserati did. Use clamps everywhere even though Maserati didn't.

REPLACE REAR HOSES

1. Remove the spare tire cover and spare tire, the rear leather cover and both rear side leather panels.
2. Remove fuel pumps and check-valve tee and cut hoses in half. Have paper towels available for leaking gas.
3. Remove each gas tank by removing the gas cap and the retaining strap. Sketch the tank level sending unit orientation and wire colors before removing.



4. Remove the right rear wheel.
5. The hose that runs from the center of the tee along the right fuel tank and into a welded compartment, joins, the copper tube inside the wheel well. The fuel line is horizontal and is tucked into an inside corner of the sheetmetal above the axle. Undercoating must be chipped away to reveal the hose and two clamps.
6. Fasten the new hose to the old so as to pull the new hose through the welded compartment. I used a short piece of tube inside of the hoses but taping them together should also work.

CHECK FOR LEAKS:

1. Replace enough gas to drive to your gas station. Start the engine and check for slight leaks, first in the engine compartment. Use a flashlight to check around the tanks.
3. Drive to fill the tanks and check for leaks carefully before replacing the leather Panels.

NOTE The spare parts book, Table 29, Item 29, shows a short hose between two lengths of copper tube. My '69 does not have this piece although your car might. I confirmed the absence of this piece in the following manner:

There is an access panel hidden beneath the undercoating inside the right rear wheel well just above the jack pad. It reveals the channel under the door sill, through which the copper tube runs from the engine compartment. The tube is bent tight to enter another compartment inboard, of the wheel well and then exits into the well as indicated above.

I pushed a wire into the copper tube from the front wheel well until it stopped. Measurement confirmed that it stopped where the tube bent. If there had been a section of hose, it would not have done so.

Acknowledgement and thanks is given to Kyle Fleming for locations of access panel and wheel well connection.

If I may answer any questions, please call:

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