INTRODUCTION

Welcome to the Install Guide for the Visconti Tuning’s GTR FUEL HANGER UPGRADE. This guide is for those who are upgrading their existing Visconti Tuning dual 485 basket for a third pump.

When the gas gauge shows 1/2 your passenger side of the gas tank is 100% full, installation is best done when the car has less than half a tank of gas. We suggest having ETHANOL in the tank.

You will have problems if you do not use our plug and play fuel pump hardwire kit. Cutting up the factory wiring and applying direct battery voltage will cause the primary pump to run at 14volts during idle. This will overrun the venturi pressure relief valve causing fuel pressure to creep 15-20PSI HIGHER at idle. You can purchase our plug and play wiring kit from our website.Click Here

KIT CONTENTS

- 2x Fuel Feed Lines
- 1x Fuel Return Line w/ Clamp
- Fuel Level Bracket w/ 2 Bolts
- Holley Hydra Mat
- HIGH-FLOW Billet Hanger
- Hanger Wire Harness
- Hanger Harness Bolt (Harness Bag)
- Fuel Level Connector (Harness Bag)

- Third Fuel Pump already positioned in bracket with quick connect fitting installed
- 1x -10 ORB to 3/8 Quick Connect
- 1x -8 ORB to 5/15 Quick Connect
- 3x -8 ORB to 3/8 Quick Connect
STEP 1 - REMOVE BACK SEAT AND GAS TAUER

STEP 2 - START THE CAR, UNPLUG THE GREY 5-WAY CONNECTOR - LET THE CAR STALL.

STEP 3 - OPEN GAS CAP & DISCONNECT BOTH FUEL LINES FROM THE SENDING UNIT.
STEP 4 REMOVE SENDING UNIT & BASKET
**STEP 5 - REMOVE RETURN PRESSURE RELIEF**

Using a razor blade slice off the OEM return line from the OEM return pressure relief fitting.

**STEP 6 - REMOVE OEM LINE + INTERNAL FILTER FROM RETURN PRESSURE RELIEF**

Using a small flat head screw driver remove the internal filter.
STEP 7 - INSTALL THE PROVIDED RETURN FUEL LINE

Make sure the loose fuel line clamp is on the fuel line before putting the line on the BARB fitting.

Using a heat gun to warm up the end of the fuel line makes things easier.

Although you can use needle nose pliers “Ear Pinch Clamp Pliers” is the correct tool.

STEP 8 - REMOVE TWO OF THE FILTER HOUSING BOLTS
STEP 9 - INSTALL RETURN LINE PRESSURE RELIEF BACK INTO THE BASKET

STEP 10 - REMOVE OEM GROUND FROM THE CENTER OF THE BASKET

STEP 11 - RUN THE HANGER HARNESS THROUGH THE BILLET HANGER

STEP 12 - SECURE THE BILLET HANGER FITTING WITH THE PROVIDE BOLT

USE LOCTITE

STEP 13 - REMOVE THE FUEL LEVEL FROM OEM HANGER

STEP 14 - UNPLUG FUEL LEVEL/TEMP SENSOR CONNECT FROM THE OEM HANGER

STEP 15 - USING A PICK / SMALL FLAT HEAD SCREW DRIVER DEPIN THE OEM PLUG

STEP 16 - INSERT THE TERMINALS INTO THE PROVIDE 4WAY BLACK CONNECTOR

HANGER HARNESS BLACK → FUEL LEVEL / TEMP SENSOR COMMON

HARNES HARNESS PINK → FUEL LEVEL NON-BLACK WIRE (Sometimes Red, Orange, Pink, or Brown)

HANGER HARNESS WHITE → TEMP SESNOR
**STEP 17 - PUT THE BASKET INSIDE GAS TANK BUT DON’T LOCK IT IN YET**

**STEP 18 - CONNECT THE 90 DEGREE 5/16 VENTURI FEED TO BACK OF BASKET**

**STEP 19 - CONNECT THE TWO LARGE VENTURI FITTINGS TO THE BASKET**
Leaving the plastic fitting lock inside fuel line makes it easier to connect to the basket.

**STEP 20 - SECURE THE BASKET ON TANK RAIL**

**STEP 21 - CONNECT THE HOLLEY MAT TO THIRD FUEL PUMP**
The fuel pump is already correctly positioned, short end of the mat faces away from our billet fitting.

**STEP 22 - FOLD THE MAT AROUND THE PUMP AND PLACE INTO THE TANK**

**STEP 23 - PLACE THE PUMP BRACKET ON THE FILTER HOUSING**

- Third pump fuel filter should be directly alongside the basket.
- The long side the filter should be toward the rear of the car.
- The third fuel pump fitting should be facing the rear of the car.

You will need to tuck the filter under and to the side of the venturi fuel lines that’s fixed to the bottom of the gas tank.

**STEP 24 - ATTACH FUEL LEVEL TO BILLET BRACKET**
Place the Fuel Level into our billet bracket.
STEP 25 - PLACE THE FUEL LEVEL BRACKET ON TOP OF THE FILTER HOUSING

STEP 26 - USING THE NEW BOLTS LOCK DOWN THE THIRD PUMP ARM + FUEL LEVEL

STEP 27 - CAREFULLY ROLLUP THE FUEL TEMP SENSOR WIRE SLACK AND ZIP TIE IT

STEP 28 - ATTACH THE 3 FUEL FITTING TO THE BILLET HANGER (TANK SIDE)

RETURN - 5/16

FEED #1 - 3/8

FEED #2 - 3/8

STEP 29 - RUN THE HANGER WIRES INTO THE GAS TANK

Only the pump wires outside the gas tank are labeled, identify the third pump wires and make sure that connects to the third pump inside the gas tank.

All the wires should run between the filter housing and the third fuel pump and loop back to connect to the fuel pumps.

No wires should be anywhere near where the fuel level goes up/down.

STEP 30 - CONNECT THE FUEL LINES

The fuel feed straight end fittings will connect to the filter housing and third fuel pump. The 90-degree end of the fuel feed lines will connect to the billet hanger.

The last thing you connect is the return line (it has the least amount of slack)
STEP 31 - SECURE THE BILLET HANGER
Make sure the blue oring is in place before securing the billet hanger.

STEP 32 - INSTALL THE FEED AND RETURN FITTINGS
Install the last two fittings

STEP 33 - CONNECT THE OEM FUEL LINES TO HANGER

STEP 34 - HANGER WIRE SLACK
The fuel hanger purposely has a lot of slack so it’s easy to service.

DO NOT STUFF WIRE UNDER THE GAS TANK COVER

VISCONTI HARDWIRE KIT COLORS

PRIMARY - RED/BLACK
SECONDARY - YELLOW/BLACK
THIRD PUMP - PINK/BLACK
STEP 35 - CHECK FOR LEAKS

If you have EcuTek turn on the ignition and using the Fuel Pump Tool activate the fuel pumps to confirm none of the fittings / lines outside the gas tank are leaking.

If you don’t have EcuTek you can turn the ignition ON/OFF several times.

ADDITIONAL INFO & TIPS

The fuel level reading will be 100% OEM.

Half of tank = 8 Gallons of Fuel has been used

Gas Light on = 16 Gallons of Fuel has been used

Gas Light on = You have 3 gallons of fuel left

The filter housing fitting is AN, not ORB. You can use an ORB fitting if you’d like but that’s not how it was originally designed. This means the fitting must be tight.

All Fuel Baskets sold after March 20th 2017 have Loctite on the filter housing AN fitting. If your basket is older than that please unscrew and add it.

If you think we should add something to this guide feel free to email us with the information / photos.

If you have any questions or problems contact us via email, not facebook or some thread on a forum.

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