



FL526-7 - EFI FUEL SYSTEM KIT - BRAIDED STAINLESS INSTALLATION GUIDE



QTY:	ITEM	DESCRIPTION
1	GSL392	Inline High Performance External Electric Fuel Pump (13.5V 255LPH@43PSI 11A)
2	PTFE5	20' Braided Stainless Flex Fuel Hose
2	KT01153AN6	HW-Return-6AN to 6AN Male Flare Coupler Union Fuel Hose Adapter Fitting Aluminum Black
8	KT01334D0	6AN Straight PTFE E85 Hose Fitting Aluminum Black
1	KT01885AN6	6AN Male to Male 90 Degree Bulkhead Flare Fitting Union Adapter Aluminum Black
2	KT01268S13	6AN Male Flare to M10 x 1.0mm Male Metric Fitting Adapter Aluminium Alloy
2	KT01381S0604	6AN Male Flare to 1/4" NPT Pipe Fitting Adapter Aluminum Straight Black
2	KT01823S1BK	6AN Male to 3/8" Hardline Compression Fitting Adapter Aluminum Black
2	KT01823S2BK	6AN Male to 5/16" Hardline Compression Fitting Adapter Aluminum Black
2	KT01388AN6BK	6AN Male to 3/8" Quick Connect/Disconnect Female Push EFI Connector Aluminum Black
1	HWK-5372	24 Peice Hardware Kit; Stainless Flex Fuel Line
1	33484	Fuel Filter 3/8 straight QD
1	2963CVT	10MM X 10.5" FLEX TUBE
1	KT01757S1BK	6AN Female to 3/8" Hose Barb Fitting Straight Swivel Aluminum Black

GSL392



PTFE5



KT01153AN6



KT01334D0



KT01885AN6



KT01268S13



KT01381S0604



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HWK-5372



33484



KT01381S0604



KT01757S1BK



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INSTALLING/MOUNTING FUEL PUMP AND FUEL FILTER

1. Find a suitable location to mount the supplied Inline Fuel Pump that will be as close to the fuel tank feed port and away from the exhaust any moving parts.

1.1 Use provided brackets and Hardware, mount the Inline Fuel Pump (Part #GSL392).

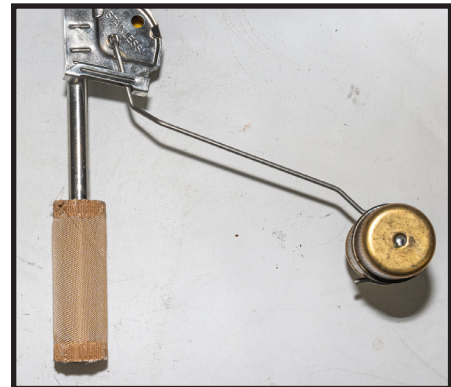


2. Finding a suitable location for the Fuel Filter that will be close to the Fuel Pump.

2.1 Use provided brackets, mount the Fuel Filter (Part #33484) close to the Inline Fuel Pump.

INSTALLING RETURN FUEL BULKHEAD

1. Using a 14MM or 9/16” drill bit, drill a hole on THE TOP OF FUEL Tank or In Sending Unit. IF A SENDING UNIT IS BEING USED, MAKE SURE FUEL SOCK IS INSTALLED CORRECTLY. THIS IS THE PRE-FILTER FOR THE EXTERNAL PUMP.



*METAL PLATE IS REFERENCING TOP OF FUEL TANK

2. Clean all debris out of fuel tank and make sure no burrs are in Drilled Hole.



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INSTALLING RETURN FUEL BULKHEAD CONT.

3. Install the 90° Fitting :Part # KT01885AN6:

NOTE: Make sure O-Ring is installed AFTER installing BulkHead fitting.



4. Attach the provided corrugated nylon hose to the Barbed Fitting,

This will be fastened inside the Fuel Tank to the 90° PTFE Fitting installed in the last step.

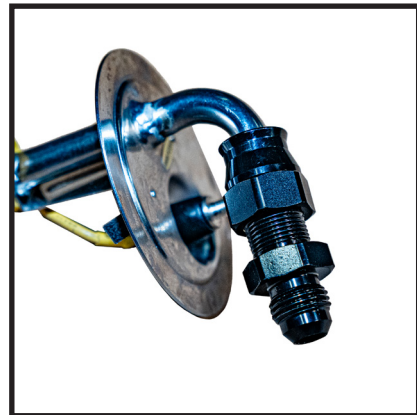
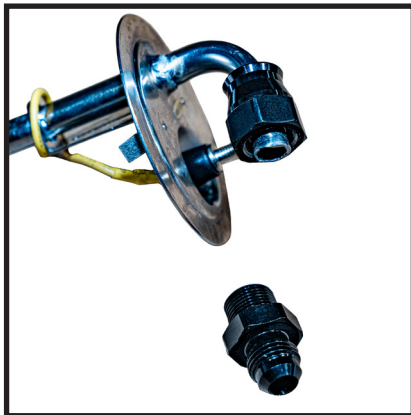
4.1 FOR EASE OF ASSEMBLY USE A DAB OF OIL ON THE FITTING AND/OR NYLON HOSE.



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SENDING UNIT

1. Included is a 3/8 TUBE to 3/8 Compression to Female and 5/16 TUBE To 5/16 Compression.
2. CUT THE NIPPLE OFF OF THE SENDING UNIT SO THAT THE TUBE IS STRAIGHT AND DEBURED.
3. SLIDE FITTING SHOCKET OVER THE HARD TUBE AND THE COMPRESSION FURREL AND THE -6AN FITTING, MAKE SURE THE HARD TUBE IS BOTTOMED OUT IN THE COMPRESSION FITTINGS BEFORE YOU TIGHTEN.

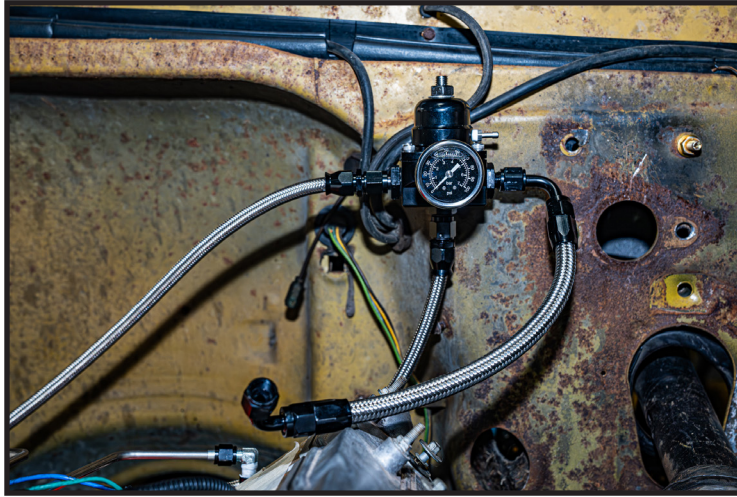


!!!WARNING!!! !!!WARNING!!!
FAILURE TO MAKE SURE THE HARD TUBE IS TO THE BOTTOM OF THE COMPRESSION FITTING MIGHT CAUSED A LEAK IN THE FUEL SYSTEM. THIS CAN LEAD TO FUEL SMELL, HARD STARTS, OR FIRE. BEFORE STARTING CHECK ALL FITTINGS FOR LEAKS!

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FUEL PRESSUE REGULATOR

1. If Fuel Pressure Regulator was added to kit, Mount in a sutible location at this time.
2. There are 3 ports on the regulator 2 side ports and one bottom port.
The 2 Side ports are for the fuel in and out. The Bottom port is for the Fuel Return.



ROUTING FUEL HOSE

1. Carefully route the FUEL LINES, paying close attenion not to run fuel hose near HOT SURFACES or SHARP OBJECTS!
2. Once satisfied remove PTFE HOSE.



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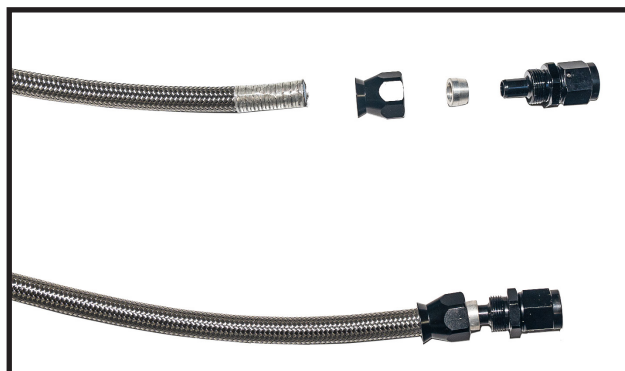
CUTTING BRAIDED SST PTFE HOSE

1. Measure the PTFE hose and using a permanent marker, mark the PTFE hose.
2. Wrap the PTFE hose where marked with Tape.
3. Use a Cut-Off-Wheel/Hack-Saw to Cut the PTFE Hose in a Straight Line.



ASSEMBLING PTFE FITTINGS ON PTFE

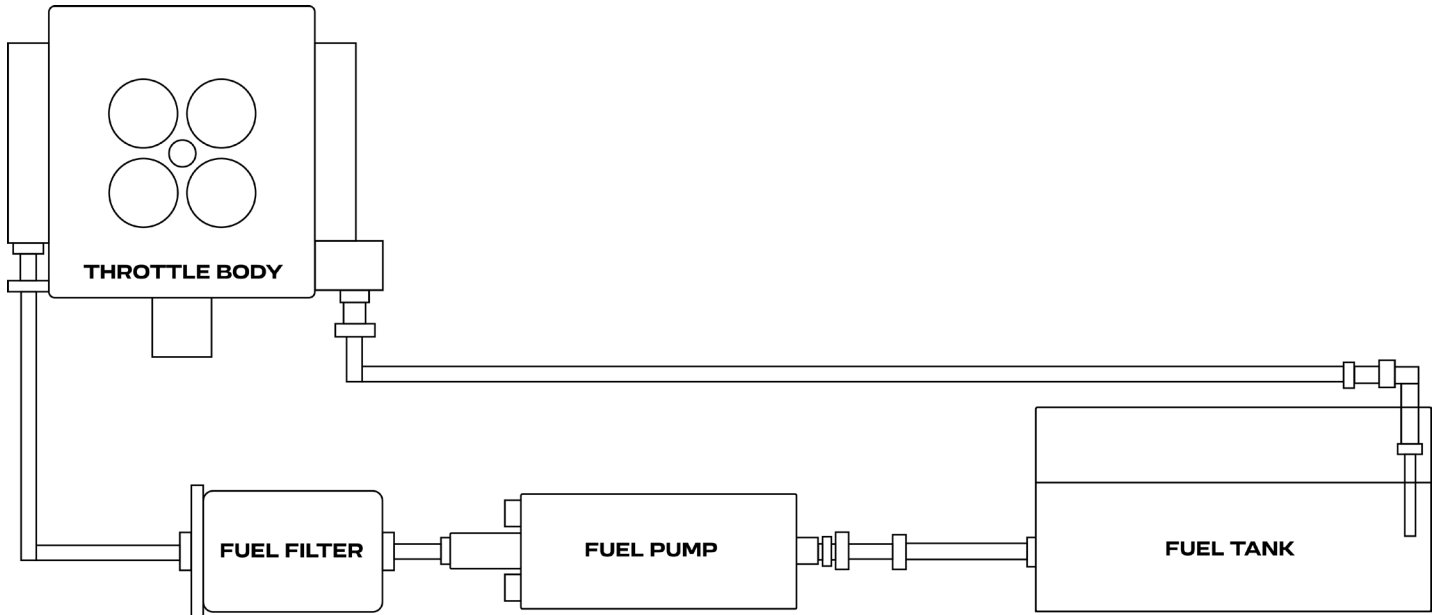
1. With the tape still on the Fuel Hose, Slide the PTFE hose fitting socket nut on to the PTFE hose.
2. Remove the tape and slide the Ferrule over top of White PTFE hose, "The braided will go over top of the Ferrule."
3. Apply a small amount of oil to the PTFE fitting end and slide it into the PTFE hose.
4. Once Fully seated, use a vise to hold the PTFE FITTING Socket and use a wrench to tighten PTFE FITTING. (Make sure not to over tighten.)



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FINISHED PRODUCT

1. Install the New PTFE HOSE to the correct locations and fasten using the supplied clamps and hardware.
2. Prime the fuel system and check for leaks.



DANGER!

Take precautions to ensure that all fuel components are away from heat sources, such as the engine or exhaust pipes. A fire or explosion hazard could cause serious injury or death!

DANGER!

Before disconnecting or removing fuel lines, ensure the engine is cold. Do not smoke. Extinguish all open flames. An open flame, spark, or extreme heat near gasoline can result in a fire or explosion causing property damage, serious injury, and/or death.

DANGER!

Never get under a vehicle supported only by a jack. Serious injury or death can result from vehicles falling off of jacks. Before working underneath a vehicle, support it solidly with jack stands.

WE RECOMMEND USING A PROFESSIONAL AUTOMOTIVE LOCATION FOR INSTALLATION.

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