



700 S. Hathaway St. Unit E
Banning, CA. 92220
Orders/Information: (951) 653-7720

KAWASAKI
KLR 650 (87-18)

FUEL TANK:
6.6 GALLONS

IMS TANK ID: KLR-650
(Fits 08-18 Models W/O
Shrouds/Plastics)

IMS Part #: 113144

IMS PARTS LIST

- (1) Fuel Tank
- *(1) Gas Cap-322100-BLK
- *(1) SEAL-322101
- (*Excluded on Dry-Break*)
- (4) Front Attachment L Brackets
(BRK-IMS-KLR811)
- (1) Rear Attachment Bracket
(BRK-IMS-KLR-19)
- (4") 5/32 Vac. Line (PA-27042)
- (1) 1/8" T Fitting (MCM-5116K187)
- (1) Petcock Gasket (322141-VITON)
- (2) 6x16 Hex Head (MTP-9338106016)
- (6) 6x12 Hex Head (MTP-9338106012)
- (2) Side Panel Attachment Brackets
(Assembled by IMS)
- (2) BRK-IMS-KLR811A
- (2) BRK-IMS-KLR811)
- (2) 6x12 Hex (MTP-9338106012)
- (2) Lock Washers (MTP-1278106001)
- (2) 6mm Nuts (MTP-9348106001)

OEM ITEMS TO USE

- Petcock & Bolts
- Tank & Shroud Mounting Bolts
- Front & Rear Tank Mount Grommets
- Radiator Shroud

WARNING!

Prior to installation clean IMS tank interior thoroughly.
Install This fuel tank **ONLY** in a well ventilated area, as gasoline fumes are **EXTREMELY** dangerous. **DO NOT START OR OPERATE THE VEHICLE IF THERE ARE ANY FUEL LEAKS** IMS recommends installation be performed by a licensed mechanic. Improper installation may Lead to severe bodily injury or death or death

TANK REMOVAL

REMOVAL: Drain all fuel from OEM fuel tank into a government approved fuel container with a greater capacity than the fuel tank on the vehicle.

Remove OEM seat and side panels. Disconnect radiator shrouds at the radiator. Identify all fuel lines & vent tubes, then disconnect the lines at tank for the removal.

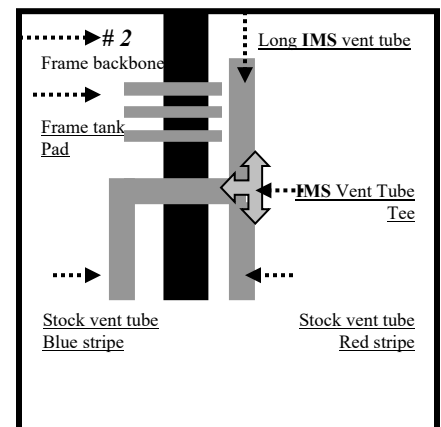
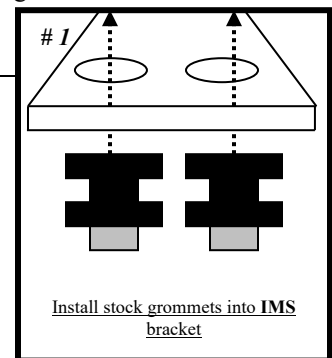
Once the tank has been removed from the bike, remove the petcock & the rear tank mount grommets from it. These OEM parts will be used on the **IMS** tank. **TIP:** Remove the steel sleeve from the grommets before removing them.

TANK INSTALLATION

Install grommets and sleeves into IMS bracket as they were in OEM tank. Install grommet then sleeve (see illustration # 1). **TIP:** It's easier to put the grommets into the bracket while the bracket is off the tank. Be sure that the arc of the bracket is curving downward at the sides before you tighten the bracket firmly.

Fasten the side panel attachment bracket assemblies to tank, one per side at right & left rear using the 6 x 12 hex head screws. The oval slot on the long leg will go against the tank with bolted connection to front of chassis. Short leg with threaded nut is to be flipped inward before the **IMS** tank is placed on the bike. Modifications must be made to the OEM vent tube configuration. There are 2 tubes that connected to the rear of the stock tank. Both are black, one has a red stripe, and one has a blue stripe. Connect the blue tube to the bottom of the plastic "T" that is supplied. Connect the left arm of the "T" to the longer cap-vent tube supplied (see Illustration # 2). Zip tie the vent tube to the frame backbone about an inch above the rubber tank pad.

Make sure that all vent tubes are routed correctly & install the **IMS** tank. **There are 4 "L" brackets used to attach the tank wings to the radiator at screen attachment screws. The L-brackets can be flipped to mate properly with the tank and radiator. Use (4) 6 x 12 hex screws at tank connections and OEM screws at radiator.** Make sure everything is fastened securely & that the **IMS** tank is properly mounted. Connect the fuel line & turn the petcock to the closed position. Attach the seat, fill up your new **IMS** gas tank, check for any leaks & enjoy your longer ride!



"FOR COMPETITION USE ONLY"

"Legal in California **ONLY** for racing vehicles which may never be used upon a highway?"

DISCLAIMER:

Due to uncontrolled variables in the manufacturing process of rotationally molded fuel tanks, the fuel tank may vary in size and shape by up to 7% of the