



700 S. Banning St. Unit E
Banning, CA. 92220

Web: <http://www.imsproducts.com>
Orders/Information: (951) 653-7720
FAX: (951) 653-1060

YAMAHA 3.8g TANK
Fits (09-26) YFZ450R
& (10-11) YFZ450X
Models

IMS TANK ID: YF-2

IMS Part #'s For
Screw Cap/Dry Break
Versions:

#127317 / 227317

IMS PARTS LIST

- (1) Fuel Tank
- (1) Gas Cap-322100-BLK*
- (1) SEAL-322101*
- (*Excluded on Dry-Break*)
- (2) YF-2 Brackets (BRK-YF-2)
- (1) PS-1 Rear Bracket
(BRK-IMS-PS-1)
- (6) 6x12 L/Flange (MTP-5369106012)
- (6) 6x16 S/Flange (MTP-6999106016)

OEM ITEMS TO USE

- Pump & Seal
- Rear Tank Mounting Hardware

WARNING!

Clean Tank Interior Thoroughly Before Installation. 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 That Installation Be Done By a Licensed Mechanic. Read All Instructions First Before Beginning Installation.

Note: THE USE OF THIS TANK REQUIRES A
MODIFICATION TO THE BODYWORK.

TANK REMOVAL

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

Remove the seat & bodywork that covers the tank. Disconnect the power & fuel line from fuel pump, unbolt OEM tank and remove.

TANK INSTALLATION

“The Top Cover of the bodywork must be cut out around the filler neck area to clear the IMS tank. Use the diagram provided as a guide.”

All fuel tanks must be vented to the atmosphere or the outgoing fuel will create a vacuum in the tank. This is especially important on a fuel-injected vehicle; the fuel pump could collapse the tank if there is not a proper vent. Most fuel tanks use a vented gas cap. If you are using a Dry Break Receiver or a non-vented gas cap you must provide a separate vent.

The vent must be installed as high on the tank as possible preventing the fuel from draining. It also must be flat against the interior wall of the tank for o-ring to seal. When drilling a vent hole in a location other than above, keep the hole away from all edges and brass inserts.

Attach the two YF-2 brackets to the front and the PS-1 bracket to the rear underside of the IMS tank with 6x16 bolts. Remove the grommet and sleeve from the OEM tank and install them into the PS-1 bracket. The IMS tank mounts to the frame just as the OEM tank. Make sure that the two front brackets are engaged with the mounting grommets on the frame. It will be a tight fit; you might have to work the tank back & forth to fully “seat” the brackets. Bolt the rear of the tank to the frame with the OEM hardware. Note the position of the pump before removing. Transfer the seal & pump into the IMS tank in the same position with the 6x12 bolts. Reconnect the power and fuel line to the pump. Add fuel to your new tank and check for any leaks before reinstalling the bodywork. Replace the seat and 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 manufacturer's original listed capacity



