



700 S. Hathaway St. Unit E
Banning, CA. 92220
Web: <http://www.imsproducts.com>
Orders: (800) 237-9906
Information: (951) 653-7720
FAX: (951) 653-1060

YAMAHA:
YZ450F (18-22)
YZ250F (19-22)
TANK ID: YZ-27
IMS PART#
117339/217339

2.0 gal – 7.6 liters
“Dry-Break” fuel capacity
2.0 gal – 8.0 liters

PARTS LIST

- (1) Fuel tank
- (2) Side brackets (BRK-IMS-YB-1)
- (2) 6x16 L/flange (MTP-5369106016)
- (2) 6x16 buttonhead (MTP-7380106016)
- (4) 6x18 washers (9028106001)
- (6) 5x12 flange bolts (1189105012)

For Fuel Pump

Dry Break tank only:

- (1) Receiver gasket (#218332)
- (9) #10x1” Phillips head screws (MCM-90315A511)

STOCK ITEMS TO USE

Fuel pump & hardware
Tank rear mounting hardware
Shroud mounting hardware.
Seat hook fixture
Seat cap cover hardware

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 That Installation Be Performed By a Licensed Mechanic.
Improper Installation May Result in Severe Bodily Injury or Death.
Prior to Installation Read All Instructions.

Notice: *****Seat modification required on Dry-Break**
version only***

TANK REMOVAL

Drain the fuel from stock tank into approved gasoline container.
Remove the seat, radiator shrouds, OEM seat hook with bolt and OEM rear mounting bolt & bracket. Raise the tank up, disconnect the fuel line and power cable from the fuel pump and remove tank. ** The ty-wrap holding the fuel line on the right side of the frame must be cut to allow the fuel line enough length to reach the new pump spigot location. (See Fig. # 1 & 2) **

TANK INSTALLATION

Transfer the fuel pump, seat button, seat cap cover hardware, and rear mounting bracket to the IMS tank using the provided (6) 5x12 flange bolts.

Route the fuel line & power cable to the left side of the bike. Before installing the tank, the OEM rubber brackets will have to be removed from the frame, as they will not be used with the IMS tank In place of the OEM rubber brackets, the “YB-1” brackets will be installed (See Fig. #3) Hand tighten the bracket to the frame using the 6mm circle hole side in this order, “YB-1” bracket, 6mm x 18mm flat washer then 6mm x 16mm button head bolt. This process applies to both sides of the frame. *Perform these steps before installing brackets to the tank. * Next, set the tank into the frame and line up the “YB-1” brackets to the side inserts on the fuel tank itself, remove tank and tighten up the “YB-1” bracket installed to the frame. Place tank back into frame, then connect fuel line and power cable. Tighten the brackets to the tank using (1) 6mm x 16mm large flange bolt and (1) 6mm x 18mm washer; this process will also apply to both sides of the tank (See Fig.#4).

Attach the rear OEM rear mount bracket to the sub frame.

Be sure that the tank is mounted securely and does not bind or in any way inhibit the controls or function of the vehicle. Ensure that there are no sharp objects that rub against the tank that may eventually puncture the tank and that the fuel line is not kinked or touching anything that could get hot. Trim the seat pan to match the template provided. Fill the fuel tank, reinstall your shrouds & seat.

CHECK FOR ANY LEAKS AND ENJOY YOUR 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

Fig. 1

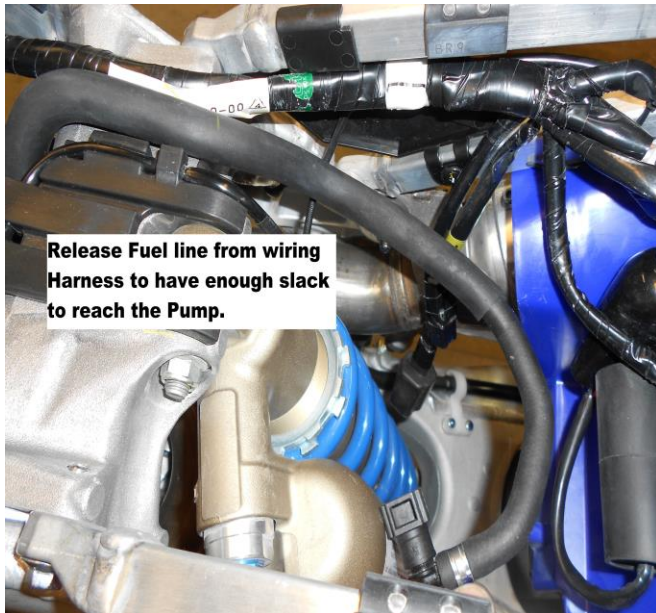


Fig. 2



Fig. 3

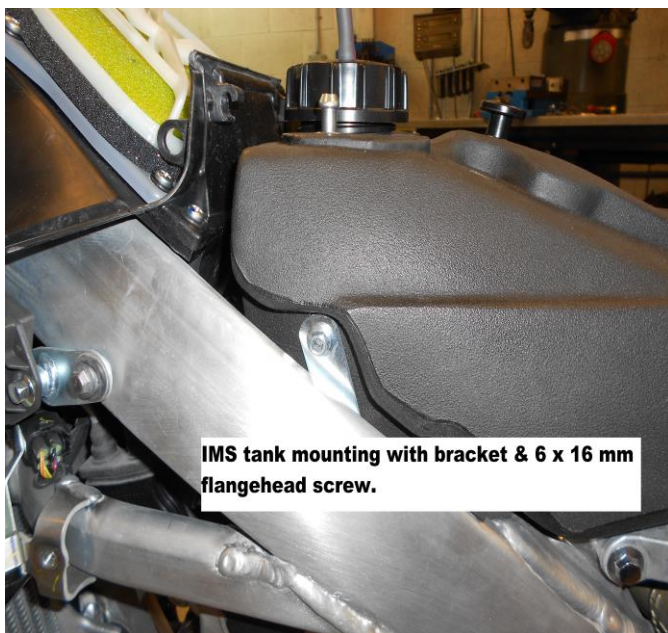
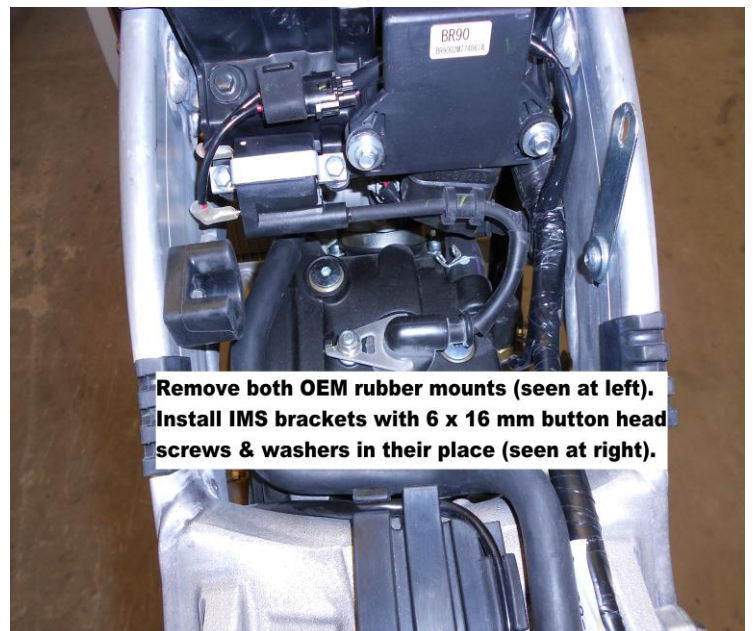
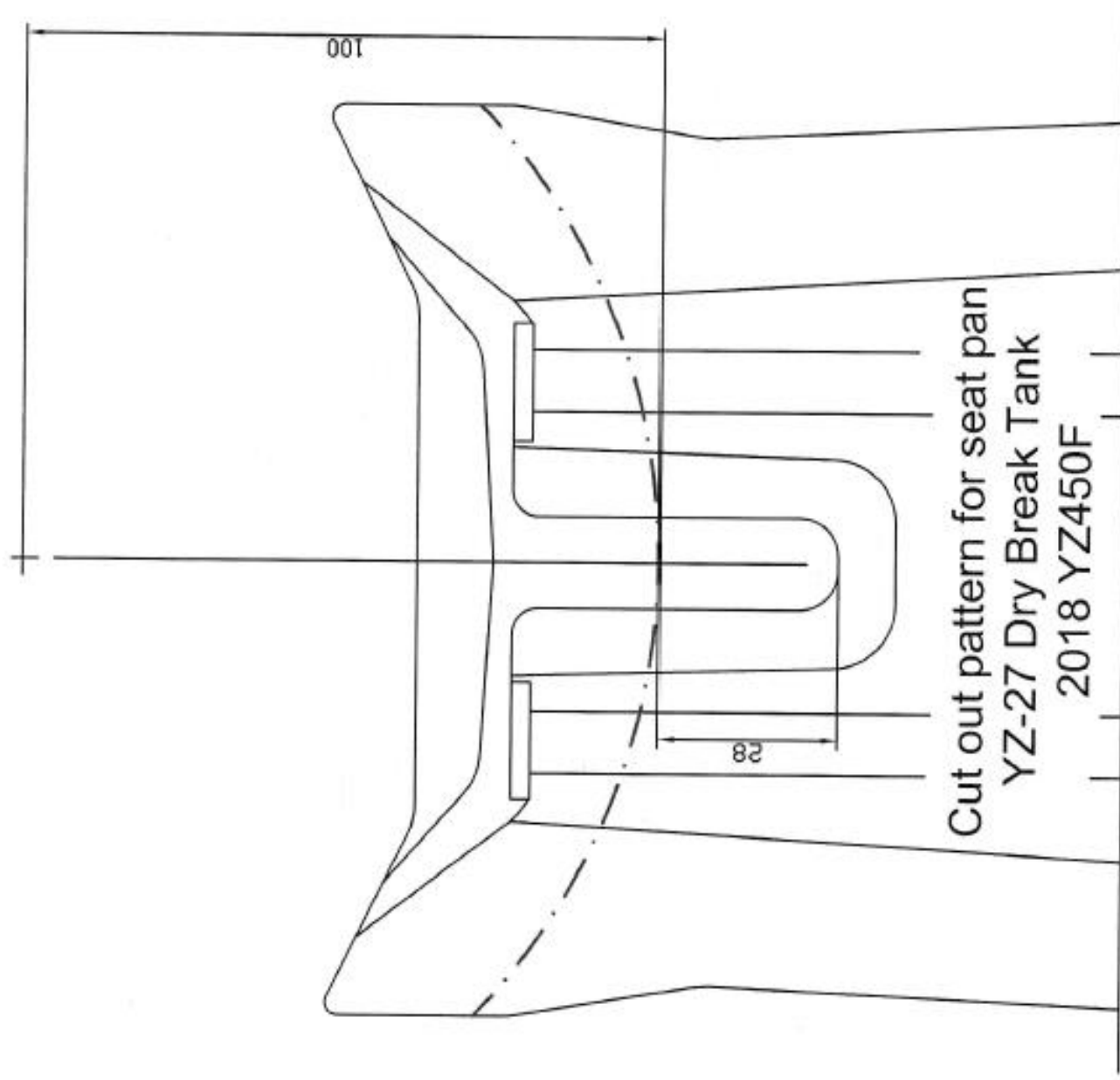


Fig. 4





Cut out pattern for seat pan
YZ-27 Dry Break Tank
2018 YZ450F