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**YAMAHA:**  
**YZ250FX (15-16)**  
**YZ450FX (2016)**  
**(NO Fuel Sensor)**

**TANK ID:**  
**"WR-5A"**

**IMS PART #: 117336 &**  
**217336**

Fuel capacity 3.0 gal – 11.3 liter

### **PARTS LIST**

- (1) Fuel Tank
- (1) Bracket (BRK-IMS-110698)
- (3) 6x16 S/Flange(MTP-6999106016)
- (2) ½"steel spacer (McM-93441A215)
- (2) 6x20 buttonhead(MTP-7380106020)
- (2) 6x18 washer(MTP-9028106001)
- (1) 6x40 S/Flange(6999106040)
- (1) 6x45 S/Flange(MTP-6999106045)
- (1) 9/16" nylon spacer  
(McM-94639A174)

### **Dry Break tank only:**

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

### **STOCK ITEMS TO USE**

- Fuel pump & hardware
- Tank mounting hardware
- Gas Cap & Vent Hose
- Seat Hook Fixture
- Seat plug & fittings

## **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.

***\*The GYTR Radiator Braces will NOT work with this fuel tank.\****

**Notice:** You must remove your sub frame and trim both radiator louvers to install the IMS tank.

**Dry Break tanks** require seat modification.

### **TANK REMOVAL**

Drain the fuel from stock tank into approved gasoline container.  
Remove the seat, radiator shrouds, filter cover, front and rear mounting bolts.  
Raise the tank up, disconnect the fuel line, power cable and remove tank.

### **TANK INSTALLATION**

Transfer the fuel pump, front tank mounting brackets, seat button & seat plug fittings to the IMS tank with the stock hardware. Bolt the two 6x20 button heads & steel spacers to the front top of each wing. Detach the fuel line & power cable from the sub frame to get enough slack to reach the new fuel pump position.

Unbolt the sub frame & swing the back end to the right to get access to slide the IMS tank into the sub frame backend first. While sliding the tank into the sub frame route the fuel line & power cable under the pump. Now swing the sub frame & IMS tank back to the left and place into position. Start but don't tighten two sub frame bolts. Reconnect the fuel line & power cable to the fuel pump. Move the tank around to line up the front mounting bolts, install the last two sub frame bolts & tighten all four bolts to manufacturer's specs. Remove the steel bushing and rubber grommet from the OEM rear tank bracket & install them into the IMS bracket. Install the rear IMS bracket to the tank (6x16 bolts) & sub frame (6x16 bolt). Trim the radiator louvers to the template shapes. Bolt the left wing to the radiator with the 6x40 bolt & fender washer, right wing use the 6x45 bolt, washer & 9/16" nylon spacer.

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. Fill the fuel tank, reinstall your stock gas cap & vent, 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



