



700 S. Hathaway St. Unit E
Banning, CA. 92220
web: <http://www.imsproducts.com>
Orders/Information: (951) 653-7720

SUZUKI FUEL TANK:

2.7 GALLON

RMZ450 (18-24), RMZ250 (19-24)

IMS Tank ID: RM-20

IMS Part #115530 / 215530

PARTS LIST

- (1) Fuel Tank
- (1) Gas Cap-322100-BLK*
- (1) SEAL-322101*
- (*Excluded on Dry-Break*)
- (5) 6x12 L/Flange (MTP-5369106012)
- (2) 6x16 Buttonhead (7380106016)
- (5) Rubber bumpers (MCM-9540k26)
- (1) KX-44 Bracket(BRK-IMS-KX-44)
with Rubber Grommet & Metal Sleeve
- (1) GROMMET(MCM-9307K42)
- (1) SPACER(BRK-SP1006X8FK)
- (2) 6x16 S/Flange (6999106016)
- (1) Flat Bracket (BRK-IMS-RM-20)
- (2) Small Spacers (BRK-IMS-0831)
- (2) 6x40 Hex Head Bolt
(MCM-9338106040)
- (3) 5x12 Buttonhead (7380105012)
- (1) 6x12 Buttonhead (7380106012)
- (1) 6x25 Washer (MTP-9028106025)
- (1) 6x20 Button Head Bolt
(MTP-7380106020)
- (2) Shroud Washers (BRK-IMS-0832)
- (1) Seat Hook (BRK-IMS-DR-2)
- (2) 6x12 S/Flange(MTP-6999106012)
- (2) L Brackets/w Cover
(BRK-KX-20-24)
- (2) ½. Clear PVC-Pcs.
(MCM-5233K69)
- (1) L Bracket w/ slotted hole
(BRK-113123)
- Capacitor Relocation Kit**
- (2) 6x30 Buttonhead Bolt
(MTP-7380106030)
- (1) XR-600 Bracket
(BRK-IMS-XR600)
- (2) ¼ Aluminum Spacer
(AluminumSpacers.com (AS75-14-16))
- (2) 6mm lock washer
(MTP-1278106001)
- (2) 6mm nut (MTP-9348106001)

STOCK ITEMS TO USE

- EFI pump assembly
- Fuel lines
- Vent hose

WARNING!

Clean IMS Tank Interior Thoroughly Prior to 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 Installation Be Performed By a Licensed Mechanic. Improper Installation May Lead to Severe Bodily Injury or Death. Read All Instructions Prior to Installation.

TANK REMOVAL

Drain the fuel from your stock tank into approved gasoline container. Remove the seat, rubber tank strap, shrouds and unbolt the mount at the front of the tank. Lift the tank and disconnect the fuel hose & power cable. Once the tank is off the bike remove the EFI pump and remaining hardware.

TANK INSTALLATION

Mount your EFI assembly to the IMS tank using the supplied (5) 6x12mm large flange hex head bolts in place of the OEM Fuel pump screws. Grab "L" bracket w/ rubber covering, 6x16mm button head bolt, and rubber bumper as shown in Figure A. Attach to the tank as shown on left and right hand sides. Grab supplied mounting bracket with rubber grommet and sleeve, and attach to front of tank using supplied (2) 6x16mm small flange hex head bolts as seen in Figure B. ***RMZ-250 Only – The capacitor will need to be relocated. See included "Capacitor Relocation Instructions" and then continue installation.*** Grab flat black bracket, supplied "L" bracket, and two small spacers. Spacers are installed underneath the two outer holes of the flat black bracket. Attach these pieces to your frame using (2) 6x40mm hex head bolts as shown in Figure C – NOTE – Leave "L" bracket slightly loose, to be secured in a later step. Attach (3) rubber bumpers to flat black bracket as shown using (3) 5x12mm button head bolts.

Place the **IMS** tank on the frame aligning "L" bracket installed in Figure C with the appropriate insert on your IMS Tank. Carefully remove tank without moving "L" bracket, and tighten "L" bracket at proper alignment. Place your IMS tank back into the frame while reconnecting the fuel hose & power cable. Attach rear "L" bracket to the side of your IMS tank using (1) 6x12mm button head bolt. Attach front mount bracket to your tank using (1) 6x25mm flat washer and (1) 6x20mm button head bolt. Place 2 shroud washers into your radiator shrouds as shown in Figure D. Secure shrouds to your IMS tank using stock hardware. Install supplied seat hook to your IMS tank using (2) 6x12 small flange hex head bolts. Install seat to your IMS tank and check that the tank and other affected items are mounted securely and do 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. Fill the fuel tank & **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

Figure A



Figure B



Figure C

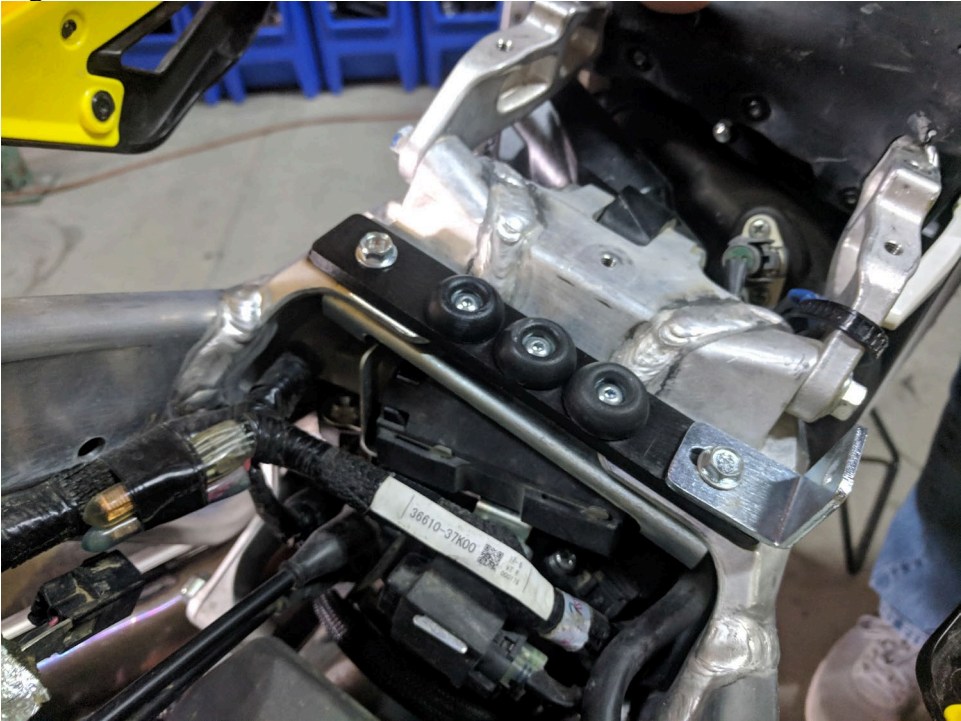


Figure D



RMZ-250 Only – Capacitor Relocation Instructions

The Capacitor on your RMZ-250 will need to be relocated to the airbox using the included Capacitor relocation kit. (see Fig 250-A).

First take the included XR-600 Flat Black Bracket and align as shown in Fig 250-B (3/4" up from the bottom and 1" in from the rear). Mark locations on the airbox using the included flat bracket as a template and drill with a 9/32" Drill Bit.

Relocate the Capacitor into the airbox as shown in Fig 250-A and leave unattached.

The Capacitor will be mounted in the following order from the outside in (See Fig 250-C)

- 2 x 6x30mm Button Head Bolt
- XR600 Flat Bracket
- Airbox
- 2 x 1/4" Aluminum Spacer
- Capacitor Bracket
- 2 x 6mm lock washer
- 2 x 6mm nut

Secure the brackets in the order listed above carefully tightening until secure.

There is a small section of the side panel that will protrude into the airbox when reinstalled, this section may need minor trimming after the capacitor is relocated.

Fig 250-A



Fig 250-B

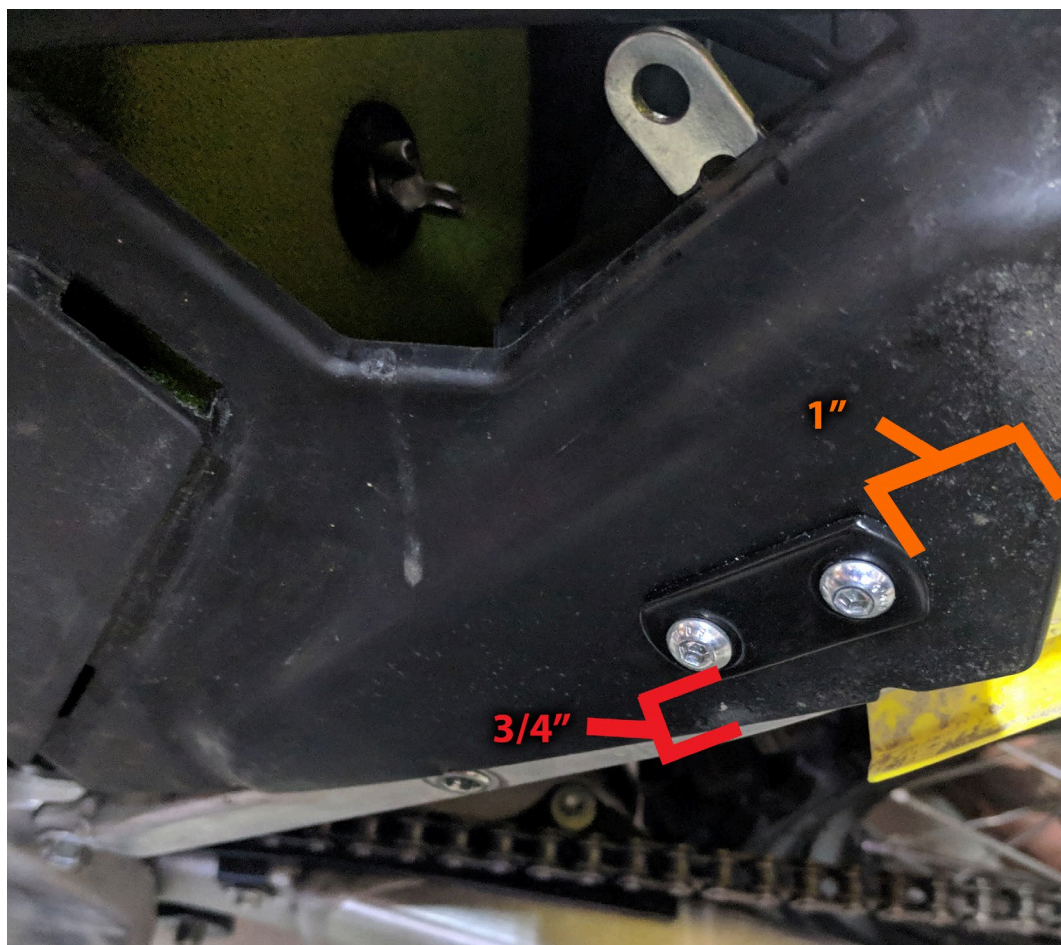


Fig 250-C

