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HONDA:CRF450RX (17-20)
CRF250RX (19-21)
3.0g FUEL TANK
IMS Tank ID # CR-29
IMS Part #112249 / 212249

PARTS LIST

- (1) Fuel Tank
- * (1) Gas Cap-322100-BLK
- * (1) SEAL-322101
- (*Excluded on Dry-Break*)
- (1) 6x25mm Flat Washer
(MTP-9028106025)
- (4) 6x12mm Big Flange for Front and Rear
Bracket
(MTP-5369106012)
- (6) 6x16mm Small Flange for Fuel Pump
(MTP-6999106016)
- (1) 6 x 25mm, Button Head
(MTP-7380106025)
- (1) CR-2000 Front Mount Bracket
(BRK-IMS-CR2000) (With Rubber Grommet &
Metal Sleeve)
- (1) Grommet (MCM-9370K42)
- (1) Spacer (SP-1006X8FK)
- (1) CR-28 L Bracket
(BRK-IMS-CR28-L)
- (1) O-Ring Viton MCM #D-339
(MCM-1201T149)
- (6) Flat Washer
(MTP-SAE8171601) Spacers for EFI Pump
Sleeve Washer Combination
- (1) Recessed Rubber Bumper
(MCM-9540K34)
- (1) 6x16mm Button Head
(MTP-7380106016)

STOCK ITEMS TO USE

- EFI pump assembly & screws
OEM O-rings not used.
- Fuel Line
- Vent Hose
- *Seat Hook

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.

Read all instructions prior to installation.

TANK REMOVAL

Drain the fuel from your stock tank into approved gasoline container. Remove the seat, then the rubber tank strap. Remove shrouds and screw holding mount at front of tank. Pick tank up off the frame to disconnect fuel line and power cable from EFI pump. Remove rear tank pad bracket (this bracket holds the lower portion of the seat strap). When tank is empty remove EFI pump taking note, order of washers and sleeves on attachment screws. Store the two OEM O-rings from pump in a sealed container with OEM fuel tank. IMS application only requires one O-ring and it is supplied in tank hardware kit.

TANK INSTALLATION

Fit the IMS supplied O-ring onto the EFI pump assembly. Install pump assembly into IMS fuel tank using supplied 6x16 bolts. Four screws are inserted thru OEM flat washer first, & Two are inserted thru the OEM cable guide/bracket next. After that, assemble all Six in the following manner, OEM Aluminum collared sleeve, IMS provided flat washer, OEM Spring washer. Insert each screw assembly thru metal ring then plastic pump flange and into tank. Torque bolts to OEM specifications. IMS washer provides additional clearance between OEM aluminum sleeve and the brass fittings in IMS tank. Next attach the **IMS** CR-2000 mounting bracket at location on frame where OEM tank fastened just below steering head. Use the supplied 6 x 25 Button head screw with ¼" x 1" flat washer.

Attach CR-28 L bracket to left hand mounting location for the previously removed tank pad bracket. Insert 6x16mm button head bolt through supplied recessed rubber bumper. Install bumper to the right hand mounting location of the previously removed tank pad bracket. Frame rail grommets must be positioned to align with recessed areas in IMS tank bottom. Connect fuel line and power cable to EFI pump assembly. Place **IMS** tank onto frame. Attach tank to mounting bracket with the two 6 x 12mm bolts. Turning the handle bars to the stop (left or right) will give you a straight shot to fasten screws with a tee handle etc. Attach CR-28 L Bracket to the tank and your frame in the appropriate location. Install your OEM Seat hook to the IMS Tank using OEM hardware. Install seat. Push OEM vent hose onto vent nipple of **IMS** gas cap.

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 or other items that rub against the tank which may eventually be damaged or puncture the tank. Check tank to engine clearance. Fill the fuel tank and install IMS gas cap. **CHECK FOR ANY LEAKS. NO LEAKS. 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