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HONDA

CRF250R (18-21)

CRF450R (17-20)

IMS Tank ID # CR-28B

IMS Part #112254 / 212254

PARTS LIST

- (1) Fuel Tank
- *(1) Gas Cap-322100-BLK
- *(1) SEAL-322101
- (*Excluded on Dry-Break*)
- (1) 6x25 Washer
(MTP-9028106025)
- (4) 6x12 Big Flange For Front and
Rear Bracket
(MTP-5369106012)
- (6) 6x16mm Small Flange
(MTP-6999106016) *Fuel Pump*
- (2) 6x16mm Large Flange
(MTP-5369106016)
- (1) 6x25 Button Head
(MTP-7380106025)
- (2) 6x12 Button Head
(MTP-7380106012)
- (1) "CR-2000" Front Mount Bracket
(BRK-IMS-CR2000)
(With Rubber Grommet & Metal
Sleeve Assembled)
- (1) Grommets (MCM-9307K42)
- (1) Spacers (BRK-SP1006X8FK)
- (1) "CR-28" L Bracket
(BRK-IMS-CR28-L)
- (1) YB-1 Bracket (BRK-IMS-YB-1)
Seat Hook
- (1) O-Ring #R-341 Viton
(MCM-9464K156)
- (6) Flat Washer (MTP-SAE8171601)
Spacers *EFI Pump Sleeve
Washer Combination*

STOCK ITEMS TO USE

- EFI Pump Assembly &
Screws
- *OEM O-Rings Not Used.*
- Fuel Line
- Vent Hose

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. 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 the tank hardware kit.**

TANK INSTALLATION

Mount the supplied flat "YB-1" bracket to your IMS tank seat hook location using (2) 6 x 12mm button head bolts. Fit the IMS supplied O-ring onto the EFI pump assembly. Install pump assembly into IMS fuel tank using supplied (6) 6 x 16mm bolts. Four bolts are inserted thru OEM flat washer first. Two are inserted thru an OEM bracket next, then assemble all six in the following manner: aluminum collared sleeve, IMS provided flat washer, spring washer. Insert each screw assembly thru metal ring then plastic pump flange and into tank. Torque bolts to OEM specifications. IMS supplied washers provide additional clearance between OEM aluminum sleeves 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 25mm button head bolt with 1/4" x 1" flat washer and (2) 6 x 12mm large flange bolts.

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 (2) 6 x 12mm bolts. Turning the handlebars 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 rear of the tank and your frame using (2) 6x12 large flange bolts. 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