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HONDA 3.0g FUEL TANK
CRF450R/RWE (21-26)
CRF250R/RWE (22-26)

IMS Tank ID # CR-36B
IMS Part #112261 / 212261

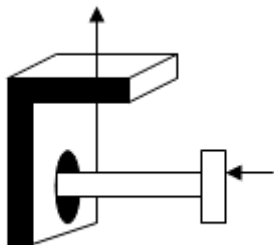
PARTS LIST

- (1) Fuel Tank
- * (1) Gas Cap (322100-BLK)
- * (1) SEAL (322101)
- (*Excluded on Dry-Break*)
- (4) 6x16 Small Flange for Fuel Pump
(MTP-6999106016)
- (1) O-Ring Viton #D-335
(MCM-5267T286)
- (4) Flat Washer/ Spacers for EFI
Pump, Sleeve-Washer Combination
(MTP-125819043001)
- (4) Plastic Collar Washer For Shrouds
(MCM-90061A015)
- (2) "L" Brackets w/Plastic Cover Pre-
Installed (BRK-KX-20-24)
- (1 ½") Clear PVC Cover-2 Pieces Cut
Into ¾" each (MCM-5233K69)
- (8) 5x12 Small Flange Bolt
(MTP-1189105012)

STOCK ITEMS TO USE

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

L-Bracket Diagram Below



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 the tank is emptied, remove EFI pump taking note of the order of washers and sleeves on attachment screws. Store the two OEM O-rings & OEM Screws from pump in a sealed container with OEM fuel tank. **IMS application only requires one O-ring and it's supplied in tank hardware kit with new screws.**

TANK INSTALLATION

***Requires Separate Purchase of "RX" Radiator Shrouds That Match The Year of Your Bike & Honda Seat Hook P/N: #17513-MKE-AG0**

Fit the IMS supplied O-ring onto the EFI pump assembly. Install pump assembly into IMS fuel tank using supplied (4) 6x16 bolts. Four screws are inserted thru OEM aluminum collared sleeve first, then assemble all four 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 washer provides additional clearance between OEM aluminum sleeve and the aluminum fittings in IMS tank.

Set the tank on the bike, splitting the clutch and throttle cables on the left- and right-hand side of the original mounting location. Ensure that cables may move freely. Attach KX-20-24 L-Brackets to the tank securing under the frame in the appropriate locations on the left- and right sides using a 5x12 bolt on each side (**SEE FIG. 3**). Thread them loosely into the stock mounts on the frame while pushing the brackets firmly up against the frame rails, tighten them firmly (**see illustration on Bottom Left Hand Corner**).

OEM shrouds will need to be slightly modified/trimmed on the interior (**See FIG. 1 & FIG. 2**). After trimming OEM shrouds, reinstall using the supplied hardware (2-Plastic collar washers and 2 - 5x12mm bolts) on each side. Install the "RX" Model OEM Seat hook to the IMS Tank using the remaining (2) 5x12mm bolts, then re-attach the rear rubber tank strap to it. Install the OEM 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

FIG. 1



FIG. 2



FIG. 3 (Left Side)

