



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.

HONDA: CRF450R

2009-2012

FUEL TANKS:

IMS Tank ID # CR-25

IMS Part #112243, 212243

PARTS LIST

- (1) Fuel Tank
- (1)*Gas Cap & Seal
(*Excluded On Dry-Break)
- (1) ¼" x 1" Flat Washer
- (2) 6 x 12mm, 13mm Flange,
8mm Hex Head Bolt
- (1) 6 x 20mm, 10mm Flange
Hex Head Screw
- (1) "CR-25" Front Mount
Bracket (With Rubber Grommet &
Metal Sleeve)
- (1) O-Ring #D-339 Viton
MCM #1201T949
- (6) Flat washer/SAE8171601
Spacers for EFI pump sleeve
washer combination

STOCK ITEMS TO USE

- EFI pump assembly & screws
OEM O-rings not used. Place
O-rings in sealed container and
Store with stock fuel tank
- Fuel Line
- Vent Hose

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 tank hardware kit.

TANK INSTALLATION

Mount OEM seat button and rubber strap stay to the IMS tank. Fit the IMS supplied O-ring onto the EFI pump assembly. Install pump assembly into IMS fuel tank. Pump assembly attachment screws, Four screws are inserted thru OEM flat washer first, Two are inserted thru an OEM bracket first, 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 washer provides additional clearance between OEM aluminum sleeve and the brass fittings in IMS tank. Next attach the IMS mounting bracket at location on frame where OEM tank fastened just below steering head. Use the supplied 6 x 20mm flange head screw with ¼" x 1" flat washer.

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 rear hold down strap. Install OEM radiator shroud attachment screws in the following order. 1) tank-left 2) tank-right 3) frame center 4) radiator-bottom. Be sure to leave the screws loose until all are started before you tighten them. 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."**