



WARNING!

Before installation Clean 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 Done By a Licensed Mechanic. Improper installation may result in Severe Bodily Injury or Death. Read All Instructions First Before Beginning Installation.

IMS FUEL TANK:
HONDA:CRF250 R (04-09)
CRF250 X (04-13')
4.0 Gallon
TANK ID #: CR-19
IMS PART #:
112237 / 212237

TANK REMOVAL

Drain the fuel from your stock tank into approved gasoline container. Remove the seat, rubber tank strap and the fuel line from the petcock. Unbolt the petcock from the frame. Remove the shrouds and unbolt the mount at the front of the tank. Pick the tank up off the bike and remove the petcock and remaining hardware.

TANK INSTALLATION

(R model only) Mount OEM front mount bracket to IMS fuel tank. (R & X models) Mount your stock fuel pickup and petcock, seat hook button, (rear rubber strap stay, R-upper brass insert, X- lower brass insert) Next attach the **IMS** fuel valve plates with o-ring in place, using the supplied 5 x 12mm flat head screws. Then attach supplied fuel valves with outlets facing inboard. Now remove plastic louvers and their mounting hardware from radiators. Replace louvers with clip-on nut in the top hole and the plastic rivet in the bottom hole, just opposite from stock. Attach **IMS** radiator bracket (so the bend is facing inward and slotted hole is forward) to each radiator with the 6mm bolt and newly positioned clip nut that originally attached your shroud to the radiator. Take the 6x16mm button head bolts and put them through the rubber bumpers so the head of the bolt is in the recess of the bumper. Next bolt the bumper to the frame where the stock shroud was attached, place the 6mm nut on the backside of the frame mount to "double nut" it. This bumper will keep the sharp edges of the frame bracket from damaging the tank. The "double nut" will prevent the button head from backing out and digging into the tank.

Place the **IMS** tank on the frame and bolt the stock petcock to the frame while the tank is loose. Connect fuel lines – SEE DIAGRAM PROVIDED. USE ONE HOSE CLAMP AT EACH CONNECTION. Bolt the stock front tank mount bracket to the frame. Attach the **IMS** radiator brackets to the tank using the 6x16 flange head bolts.

X Model requirement! Install the L brackets to side of tank below frame spar with covered leg "UP" using supplied 6x16 flange head bolts. Push up on leg with cover so frame is pinched between tank and cover on bracket. Tighten bolt. This process can be used on R-models for added stability.

Install tank strap, seat and place your vent line on **IMS** gas cap.

Be sure that tank is mounted securely and does not bind or in any way inhibit the controls or function of the vehicle. Ensure there are no sharp objects rubbing against tank that may eventually puncture tank. Fuel line must be without kinks and have sufficient clearance from exhaust pipe and engine that can get hot or wear thru fuel line. Fill fuel tank. **CHECK FOR LEAKS. EVERYTHING GOOD! ENJOY YOUR RIDE!!**

PARTS LIST

- (1) Fuel Tank
- (1) Gas Cap & Seal
- (2) 6x16mm Button Head
- (2) 6mm Hex Nuts
- (2) Rubber Bumpers
"9540K26"
- (4) 6x16mm Big Flange Bolts
- (2) Radiator Brackets "BRK-IMS-YB1"
- (2) Alum L Brackets W/Plastic Covering "KX-20-24"
- (2) O-Rings "D-204"
- (4) 5x12 Flathead-Phillips Screw
- (2) 1/8" Valve Plates "BRK-IMS-818-TVP"
- (2) 1/8" fuel Valves With Filter
- (5) Lengths of Fuel Line - 1-1 3/4", 1-5 3/4", 1-6 1/2", 2-7"
- (2) 1/4" Barbed "T" Fittings
"5116K36"
- (10) 7/16" OD spring action hose clamp

STOCK ITEMS TO USE

- Petcock & Fuel Pickup
- Front Tank Mount
- Vent Hose

"FOR COMPETITION USE ONLY"

"Legal in California ONLY for racing vehicles which may never be used upon a highway."

Check out the collection of motorcycle foot controls & pegs we offer.