



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 result in Severe Bodily Injury or Death.
 Read all instructions prior to installation.

IMS FUEL TANK
HONDA: CRF450R 05-08
CRF450X 05-13
TANK ID: IMS PART NO.
CR-22 : 112240/212240
PARTS LIST

- (1) Fuel tank
 - (1)*Gas cap & seal
 - (2) 6x16mm Button head-socket
 - (2) 6mm Hex nut
 - (2) Rubber bumpers
"9540K26"
 - (4) 6x16mm screw/8 hex -13 flg
 - (2) Alum L-Brkt w/Clear Cover
"KX-20-24"
 - (1) Alum Front Mt Brkt 08-UP
"IMS-22"
 - (2) Fuel valve O-rings D-204
 - (4) 5x12 Phillips head flat screw
 - (2) 1/8" Univ fuel valve plate
"BRK-IMS-818-TVP"
 - (2) 1/8" Univ fuel valve w/filter
 - (5) Lengths of fuel line -
1-9", 1-5 3/4", 1-6 1/2", 1-14"
1-1 3/4"
 - (2) 1/4" Barbed "T" fittings
"5116K36"
 - (10) Spring Action Hose Clamps
7/16"
- *(Excluded on Dry-Break Series)

STOCK ITEMS TO USE

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

TANK REMOVAL

Drain the fuel from your OEM tank into approved gasoline container. Remove seat, then rubber tank strap. Remove completely the single fuel line from petcock valve to carb & save with OEM tank. Remove screw holding petcock to frame. Remove shrouds and front tank mount screw. Lift tank off frame. Remove fuel pickup-ON/OFF valve assembly and remaining hardware

TANK INSTALLATION

Mount your stock fuel pickup-ON/OFF assembly, seat button, rubber strap stay and front mount bracket to IMS tank. 2008-10 X-models must use IMS front mount bracket fitted with OEM grommet. Fasten bracket to tank with (2) 6 x 16 Hex flange screws. Next attach IMS fuel valve plates with o-ring to tank, using the supplied 5 x 12mm flat head screws. Screw in supplied fuel valves. Outlets to face inboard. Insert 6x16mm button head screw (2) through recessed side of rubber bumper so head of bolt is in recess of bumper. Next, install bumper to frame where stock shroud attached. Place 6mm nut on backside of frame mount to "double nut" it. This bumper will keep sharp edges of frame bracket from damaging tank. The "double nut" will help prevent button head screw from backing out and digging into tank.

Place IMS tank on frame and screw stock petcock to frame while tank is loose. Connect fuel lines – SEE DIAGRAM PROVIDED. USE ONE HOSE CLAMP AT EACH CONNECTION. Using OEM screw and washer fasten front tank mount bracket to frame. Install L-brackets to side of tank w/ plastic cover "UP" (one per side) below frame spar using supplied 6x16 flange head screw. Push plastic covered leg against frame and tighten screw. Install the tank strap, seat and place your vent line on the IMS gas cap.

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