



**Installation Instructions for CK2500DCA
Chevrolet Silverado K2500
80L Auxiliary Tank**

This tank fits forward of the standard tank on the LH side. The standard filler neck is replaced with a dual filler neck. Fuel is transferred via an electric pump that will pump fuel from the auxiliary tank into the OEM tank. A combination switch/gauge will be located into a suitable position in the dash. When the switch is in operation an **ORANGE** light will be ON, indicating that the transfer pump is in operation. A series of lights will also indicate fuel level. All **GREEN** lights on showing FULL, one **RED** flashing light showing EMPTY.

(DO NOT OPERATE TRANSFER PUMP WITH NO FUEL IN AUXILIARY TANK OR PUMP FAILURE WILL OCCUR.)

1. Carry out mounting the switch gauge unit and run the twin core to the rear of the vehicle to connect the sender and transfer pump.
2. Mount the secondary bracket to the top of the torsion bar mount cross-member with M12 x 30 bolt washers and Nyloc nut. A second M10x30 bolt can be added to fix this bracket in place once its location has been determined.
3. Fit the brass to the tank; P6 5/16 x 1/4 elbow to the fuel pick up. P6 5/8 x 3/8 elbow to fast fill vent and the P6 1/4 x 1/8 elbow to the vent in the top of the tank. Connect the 6mm hose to this vent fitting. Lift the tank into position. (**NOTE:** Don't forget the sender wires). Drill out the original holes to take M10 bolts. Secure the rear of the tank with M10 x 80 bolt washers and Nyloc nuts and the front with M10 x 30 bolt washers and Nyloc nuts.
4. Remove the original filler, fit the 2 x P6 5/8 x 3/8 elbows to the new twin filler and fit filler in place. Trim hoses to suit and fit 16 x 8 tee into fast fill vent, this becomes the fuel transfer port. Using the mandrel hose bend and 38mm hose, connect the fill pipe from the auxiliary tank to the twin filler. Fix fill pipe in place with mounting tag welded to pipe.

5. Fit off the transfer pump in a suitable location and complete connection of all hoses. The 6mm line from the top of the auxiliary tank tees into vent line from standard tank.

6. Fill auxiliary tank with fuel and check transfer pump and gauge operation.



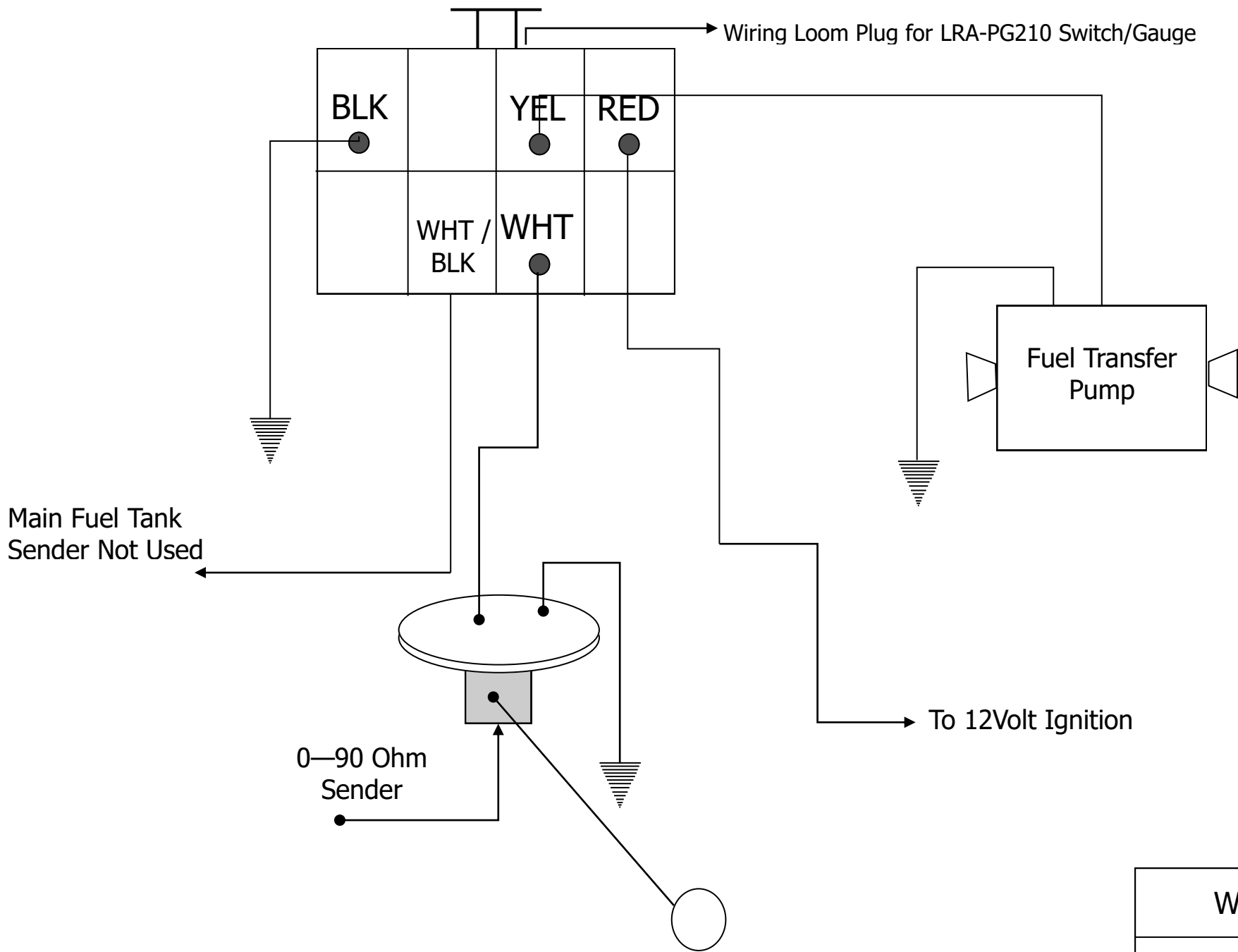
FITTING KIT CONTENTS CK2500DCA

Brass	Electrical
<ul style="list-style-type: none"> ○ 1 x P6 5/16 x 1/4 Elbow ○ 3 x P6 5/8 x 3/8 Elbows ○ 1 x P6 1/4 x 1/8 Elbow ○ 1 x P14 1/4 x 1/4 Tee ○ 1 x 16 x 8 Reducing Tee 	<ul style="list-style-type: none"> ○ 1 x LRAPG210 Switch Gauge Unit ○ 1 x 3mm Two Core @ 5000mm ○ 1 x 4mm Single Core Blue Wire @ 300mm ○ 1 x 5 AMP Fuse ○ 1 x Fuse Holder ○ 2 x Fuse Holder Terminals ○ 2 x Red Terminals ○ 1 x Red Eye Terminal ○ 3 x 6mm Blue Eye Terminals ○ 1 x Red Male Terminal ○ 3 x Heat Shrink
Bolts / Nuts	Misc Parts
<ul style="list-style-type: none"> ○ 3 x M5 Washers ○ 3 x M5 x 10 Pan Head Screws ○ 3 x M6 Washers ○ 2 x M6 Nuts ○ 2 x M8 x 20 Bolts ○ 4 x M8 Flat Washers ○ 2 x M8 Nyloc Nuts ○ 4 x M10 x 30 Bolts ○ 3 x M10 x 80 Bolts ○ 14 x M10 Flat Washers ○ 7 x M10 Nyloc Nuts ○ 2 x M12 x 30 Washers ○ 1 x M12 Nyloc Nut ○ 1 x M12 x 30 Bolt 	<ul style="list-style-type: none"> ○ 1 x Twin Filler ○ 1 x Secondary Bracket ○ 1 x Fill Pipe with Mounting Tag Welded
Hose Clamps	Hose
<ul style="list-style-type: none"> ○ 10 x 1/4" Hose Clamps ○ 5 x 5/8" Hose Clamps ○ 2 x 1 1/2" Hose Clamps ○ 2 x 1 1/4" Hose Clamps 	<ul style="list-style-type: none"> ○ 1 x 6mm Hose @ 1600mm ○ 1 x 8mm Hose @ 2000mm ○ 1 x 38mm Hose @ 100mm ○ 1 x 16mm CMP Hose @ 1500mm ○ 1 x UHB 44 Mandrel Hose Bend
Pumps and Filters	Cable Ties
<ul style="list-style-type: none"> ○ 1 x Fuel Pump & Filter ○ 1 x Fuel Pump Mounting Plate 	<ul style="list-style-type: none"> ○ 10 x 7" Cable Ties ○ 5 x 11" Cable Ties

Sender	5 Pages of Fitting Instructions consisting of:
<ul style="list-style-type: none">○ 1 x 0-90 OHM Sender Unit C/W 700mm Earth, Installed Using:<ul style="list-style-type: none">- 5 x M5 x 10mm Pan Heads- 5 x M5 Spring Washers	<ul style="list-style-type: none">○ 2 x Fitting Instructions○ 2 x Fitting Kit Contents○ 1 x WDSGPG210 Wiring Diagram

Kit Packed By _____

Kit Checked By _____



WDSGPG210