



ASNU Battleship

Installation instructions

Run the vehicle until the fuel tank is nearly empty,

Perform the work in a well ventilated area away from high temperatures and forms of ignition

Disconnect vehicle battery.

Remove factory fuel system.

Split the factory tank module from the basket, leaving you with the basket



Fit fuel pump pre filters to the tank module taking care not to damage the filter itself. If it is difficult to fit push on to the nose of the pump, use a 18 mm spanner as shown



Insert the ASNU tank module, into the factory basket as shown





Undo jubilee clip retaining filter housing



Remove filter housing from Jubilee Clip and layout as shown

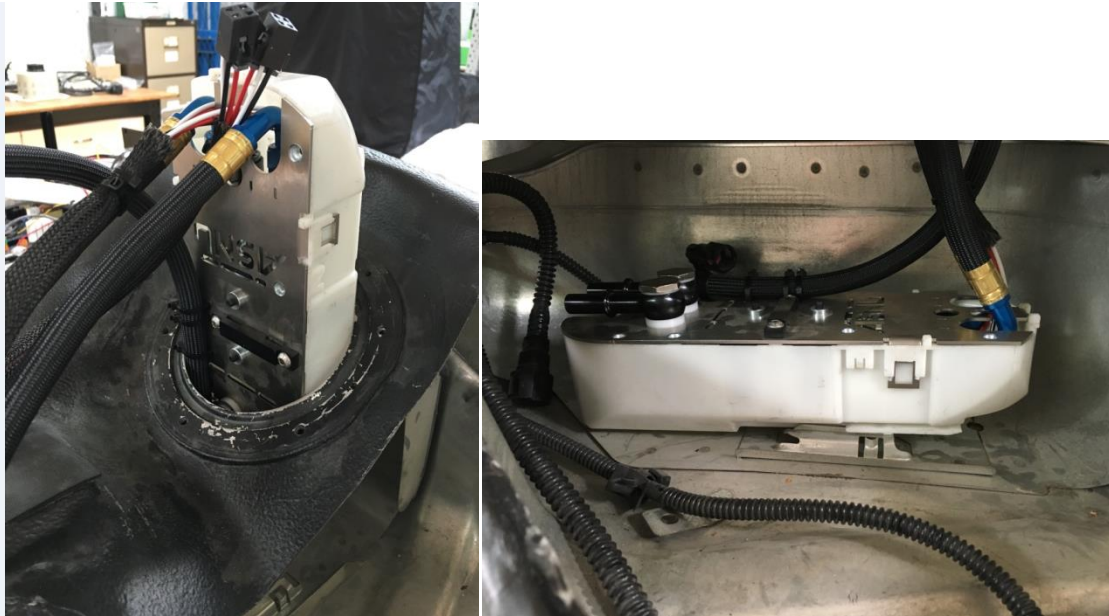


Using long nose Pliers spread return line and insert original fuel return line regulator and scavenge pipe work, and then fit to basket module.





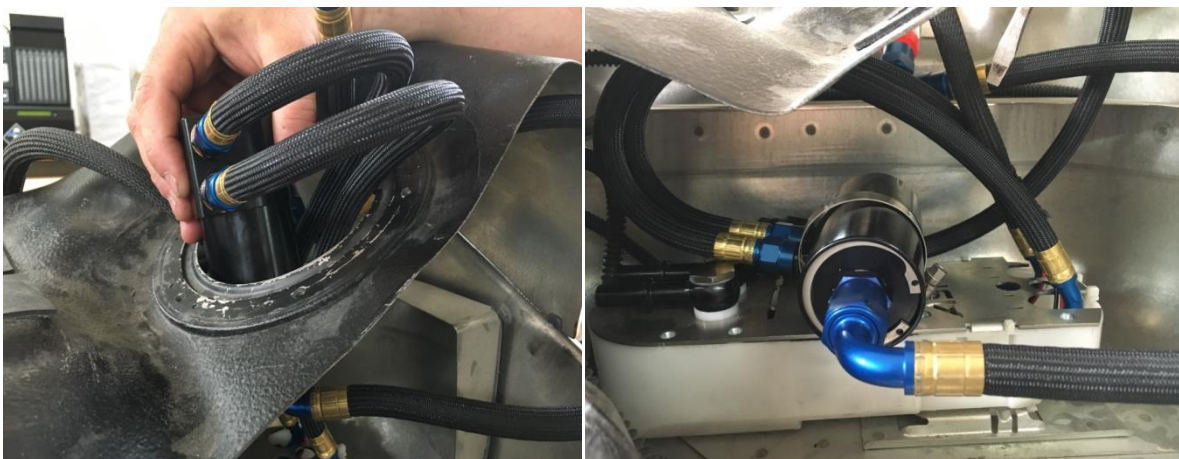
Insert completed fuel tank module into tank as shown



Lock tank module into the base of the tank,



Refit filter assembly ensuring pump to filter hoses are laid out as shown and tighten jubilee clip





Feed main fuel supply hose into tank ensuring layout as shown, this prevents kinks and allows high fuel flow.



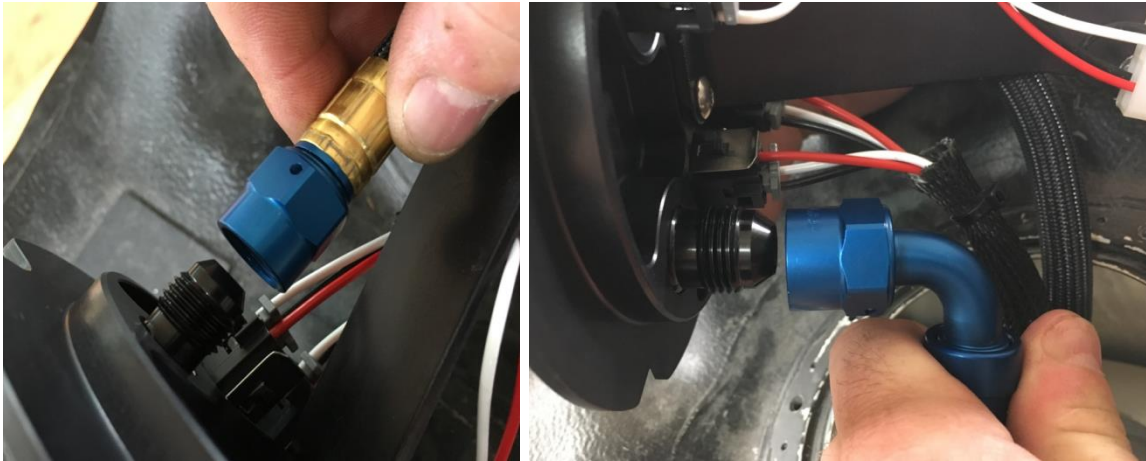
Connect pump connectors to the top plate assembly , these can be connected either way round



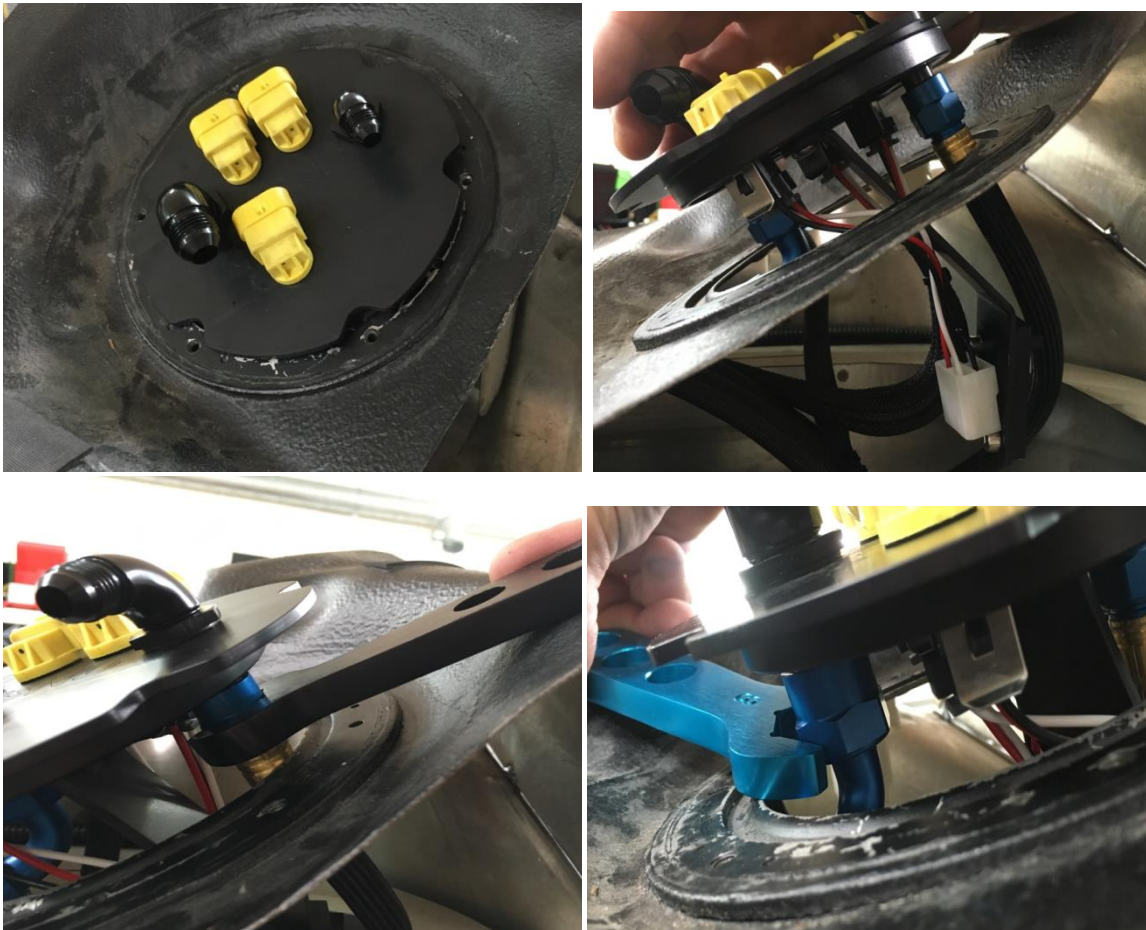
Fit tank level sensor to sender arm, trim original plug off. Using supplied 4 pin connector connect red to red & black to black on the sensor ves the 4 pin connector adjacent to the sender arm . if a tank temp sensor is fitted connect one black wire and the other to the white wire. And then fit the sensor bulb into the basket.



Connect - 6 fuel return line and -8 fuel feed lines to the underside of the top plate loosely



Lay top plate into place ensuring the correct orientation and tighten the fittings

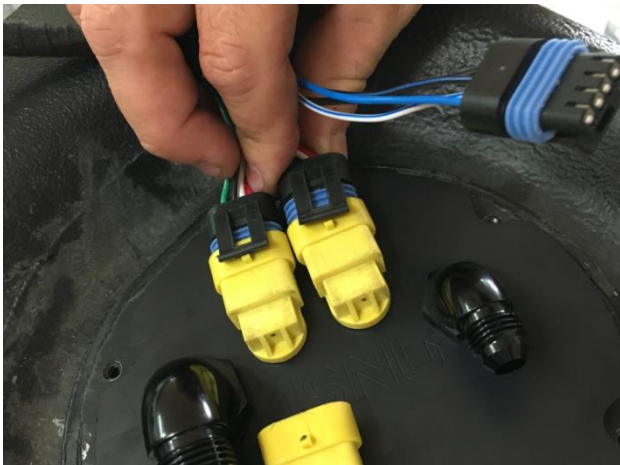




Connect long connector assembly to the single connector on the top plate. This is the fuel level sensor and temp sensor plug



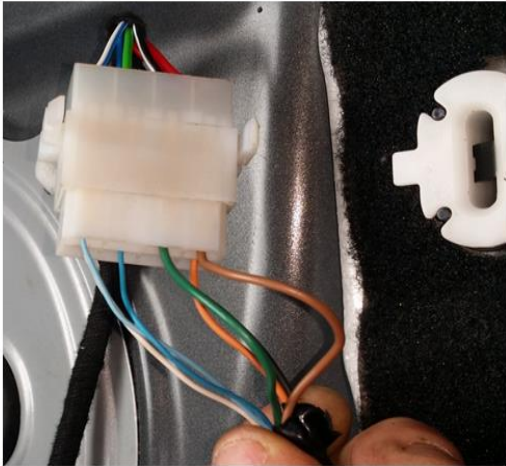
Connect twin short connectors as shown these are not orientation sensitive (shown with level sensor plug off for clarity) . These are the primary and secondary pump connectors



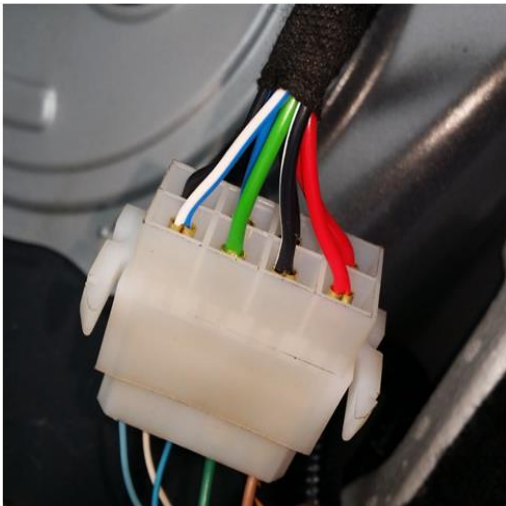
Unwind main harness assembly - the long section of wiring with a fuse box at the end requires a battery main feed it is designed to be run along the door sill under the carpet up the bulk head and thorough the firewall to the battery compartment, the fuse box can be disconnected to allow the wiring to pass through the bulkhead. There are 2 additional wires for additional ASNU upgrades that are not used these are left un-terminated (black with blue trace & green).

The pump controllers fit to the trim panel inside the B - C pillar area - please ensure they are not place in the area in front of the fuel tank below the seat base

In the connector pack you will find an additional 8 way connector this replaces the 2 original connectors to the Nissan fuel system , leaving 8 -15 cm of wire on the back of the OE connector cut the harness (8 - 15cm should allow the OE wiring to be reinstated if required) and terminate as shown below



Vehicle Harness Plug			
TOP			
Light Blue	Spare	Green	Brown
White	Darker Blue	Black	Orange



Battleship Harness			
TOP			
White/Blue	Green	Black/White	Red
Black/Blue	Blue	Black	Red