



## NISSAN PATROL ZD30

## DI PREMIUM INTERCOOLER FITTING

## INSTRUCTIONS



### **W A R N I N G**

WARNING: Failure to follow this procedure will void your warranty.

- Do not use this product in any other motor vehicle for which it is not designed.
- Do not use any other mounting location / method other than described in this instruction.
- It is advisable to seek assistance of another person when installing this product.
- Do not repair or modify this product and / or its mounting bracket in any way - repair or modification may affect proper operation of the vehicle or cause destruction of property.
- Be sure to clean and remove any loose debris before removing pipe work as debris entering the engine could be detrimental to the engine and or components.

REMOVE ENGINE COVER. LOOSEN INTERCOOLER HOSE CLAMPS. DISCONNECT MAP SENSOR.

UNBOLT THE 4 BOLTS MOUNTING THE INTERCOOLER AND REMOVE INTERCOOLER.

REMOVE THE MAP SENSOR FROM THE FACTORY INTERCOOLER AND INSTALL ON THE CROSS COUNTRY INTERCOOLER USING BOLTS SUPPLIED. RUN BOOST LINE FROM INTERCOOLER TO MAP SENSOR.

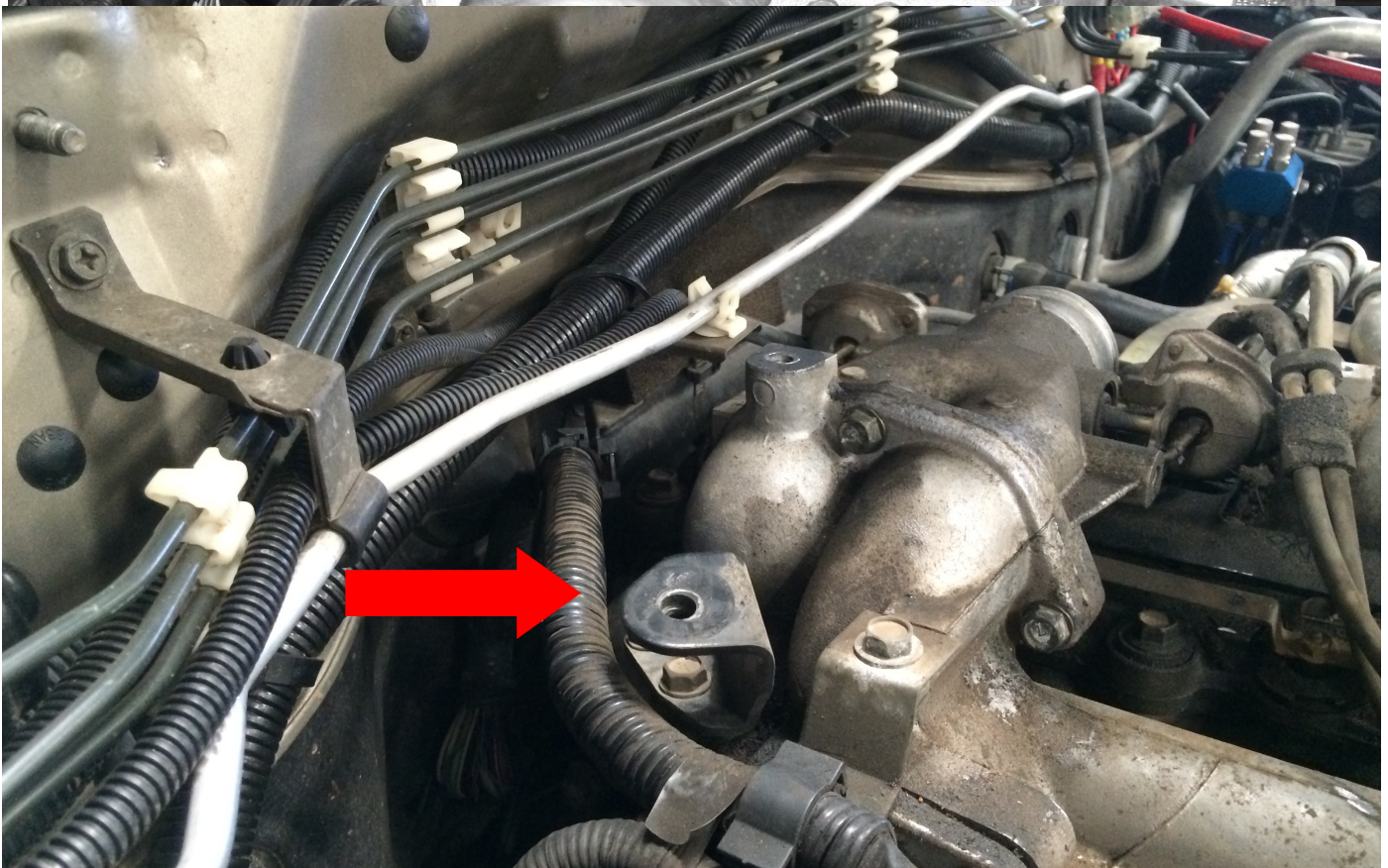
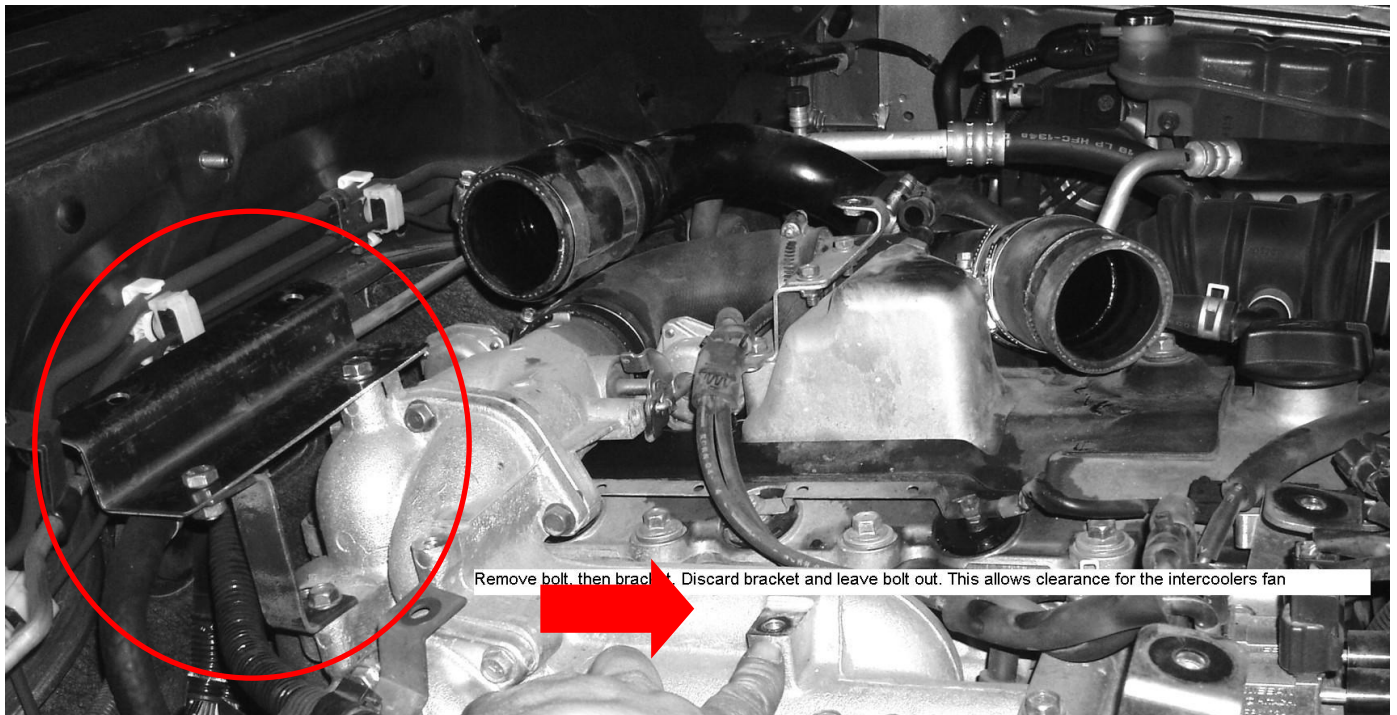
REMOVE THE FACTORY MOUNTING RUBBERS AND CRUSH TUBES AND INSTALL ON THE CROSS COUNTRY INTERCOOLER.

IF THE RUBBERS ARE WORN THEY CAN BE PURCHASED FROM NISSAN. PART NO NI-21506-15S00.



REMOVE THE TWO BRACKETS SHOWN.

INSTALL THE TWO BRACKETS SUPPLIED LEAVING THE NUTS AND BOLTS FINGER TIGHT. SIT THE INTERCOOLER IN PLACE TO LOCATE THE POSITION OF THE REAR BRACKETS. ONCE IN PLACE REMOVE THE INTERCOOLER AND TIGHTEN REAR MOUNTING BRACKETS. NOTE THE BRACKETS HAVE BEEN UPDATED AND ARE DIFFERENT TO THE ONES SHOWN.



CLEAN ANY OIL RESIDUE FROM INSIDE THE ENDS OF THE PIPEWORK AND INSTALL INTER-COOLER AS SHOWN. TIGHTEN MOUNTING BOLTS AND HOSE CLAMPS. CONNECT MAP SENSOR.

CHECK CLEARANCE TO THE SMALL AIRCON LINE AT THE REAR OF THE INTERCOOLER. ADJUST AIRCON LINE IF NEEDED.

INSTALL WIRING LOOM AS SHOWN BELOW. THE IGNITION FEED CAN BE SOURCED FROM THE WIPER MOTOR WIRING LOOM.



Fit factory boost sensor to the sensor plate mounted to the cooler with supplied M6 bolts and Nyloc nuts. Plumb fitted vac hose up to the boost sensor, your nearly done!

**25 AMP FUSE**



**RELAY**

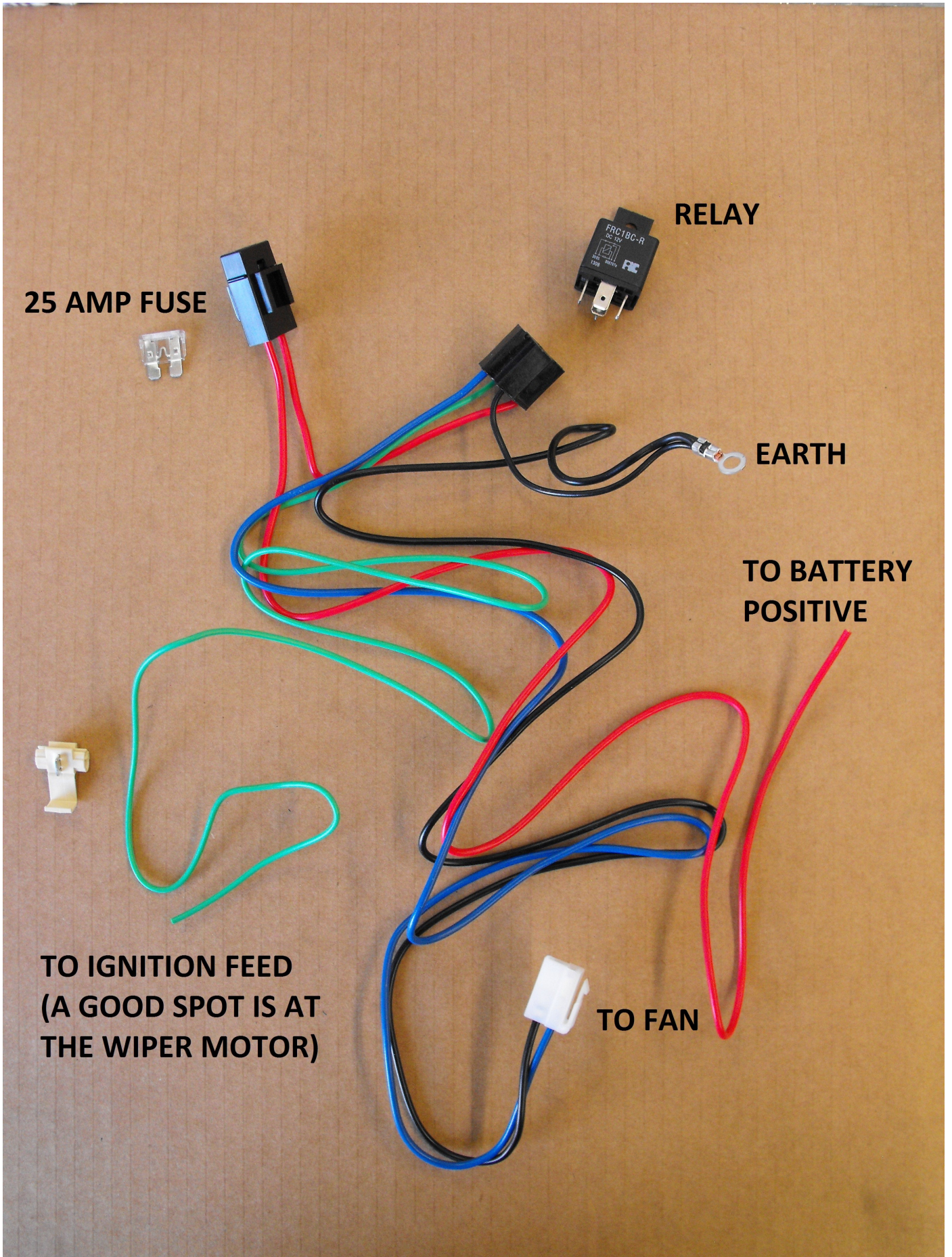


**EARTH**

**TO BATTERY  
POSITIVE**

**TO IGNITION FEED  
(A GOOD SPOT IS AT  
THE WIPER MOTOR)**

**TO FAN**



THE FACTORY DUCTING NEEDS TO BE TRIMMED TO ACCOMMODATE THE LARGER INTER-COOLER. USE A SHARP RAZOR BLADE TO TRIM AS SHOWN.

WITH THE INTERCOOLER INSTALLED. CHECK EVERYTHING IS TIGHT AND CONNECTED. CHECK THAT NOTHING IS FOWLING ON THE INTERCOOLER AND THE FAN IS WORKING. TEST DRIVE THE VEHICLE.

