



C2R2MAX

Revision 06 – 02 November 2009

Z9J LOOMS



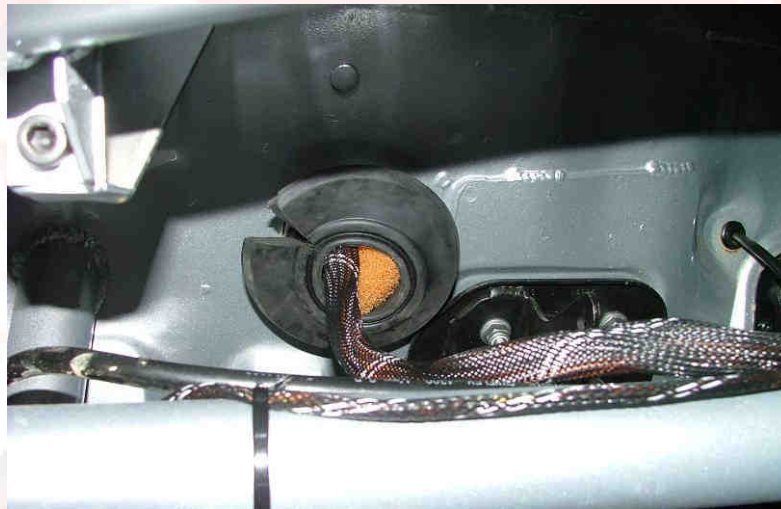
Inside loom assembly :

The inside side of the loom must go through the body hole, as shown on the opposite picture.

Be carefull to don't injure wires and connectors !



Clip the grommet, and verify the keeping, inside and outside as well.



**Z9J
Looms**



**ZS
ELECTRICITY**

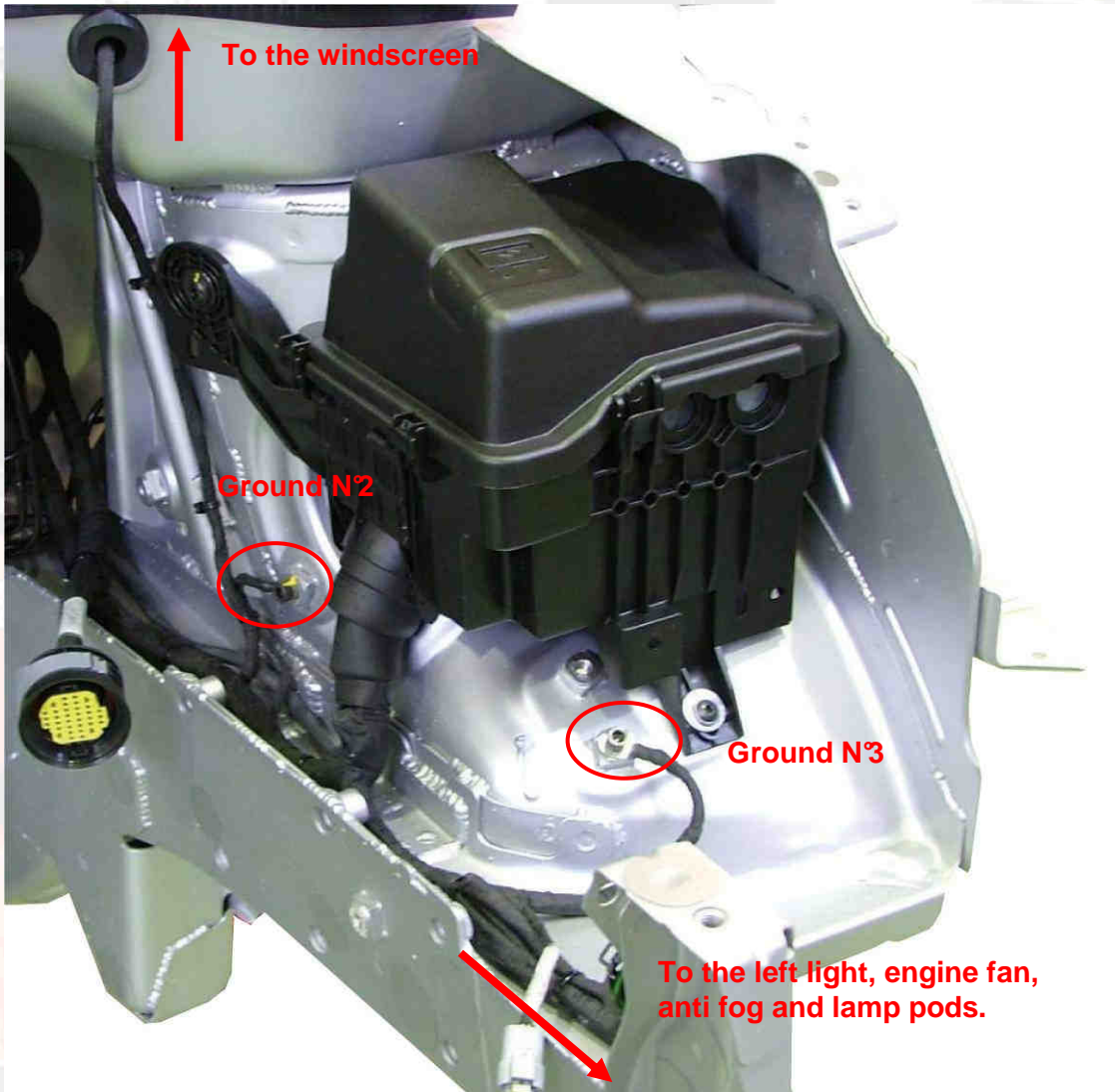


Front side, engine location :

Assembly, right side :



Assembly, left side :

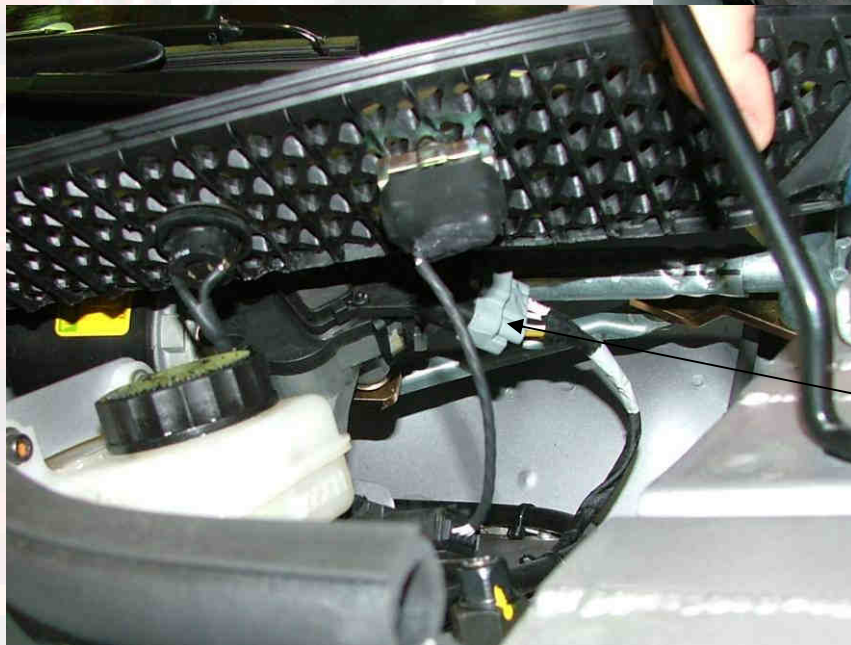


Windscreen side assembly :

Connect the external circuit breaker loom.



Connect the wiper engine.

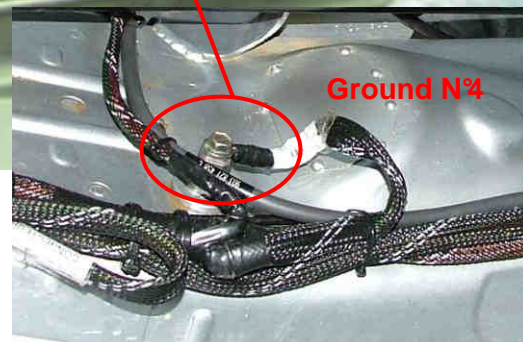


Inside, central location :

You can find hereafter some pictures concerning location and positions :



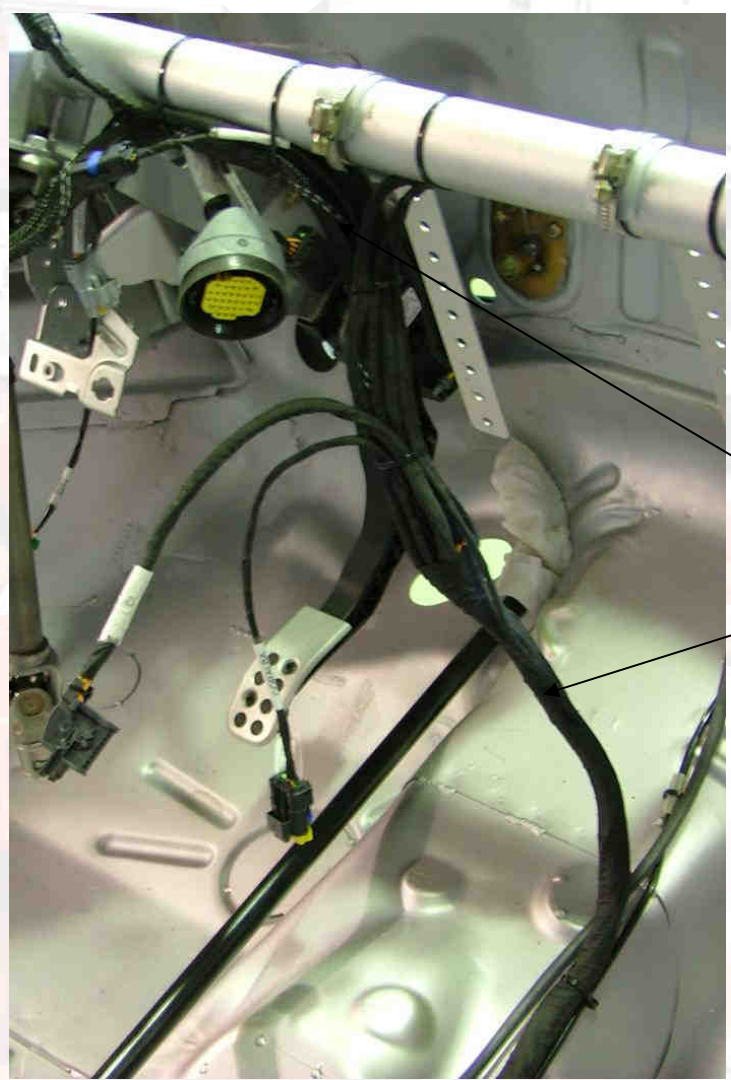
Main section, along the tunnel, right side.





Additional picture concerning the position on the tunnel :

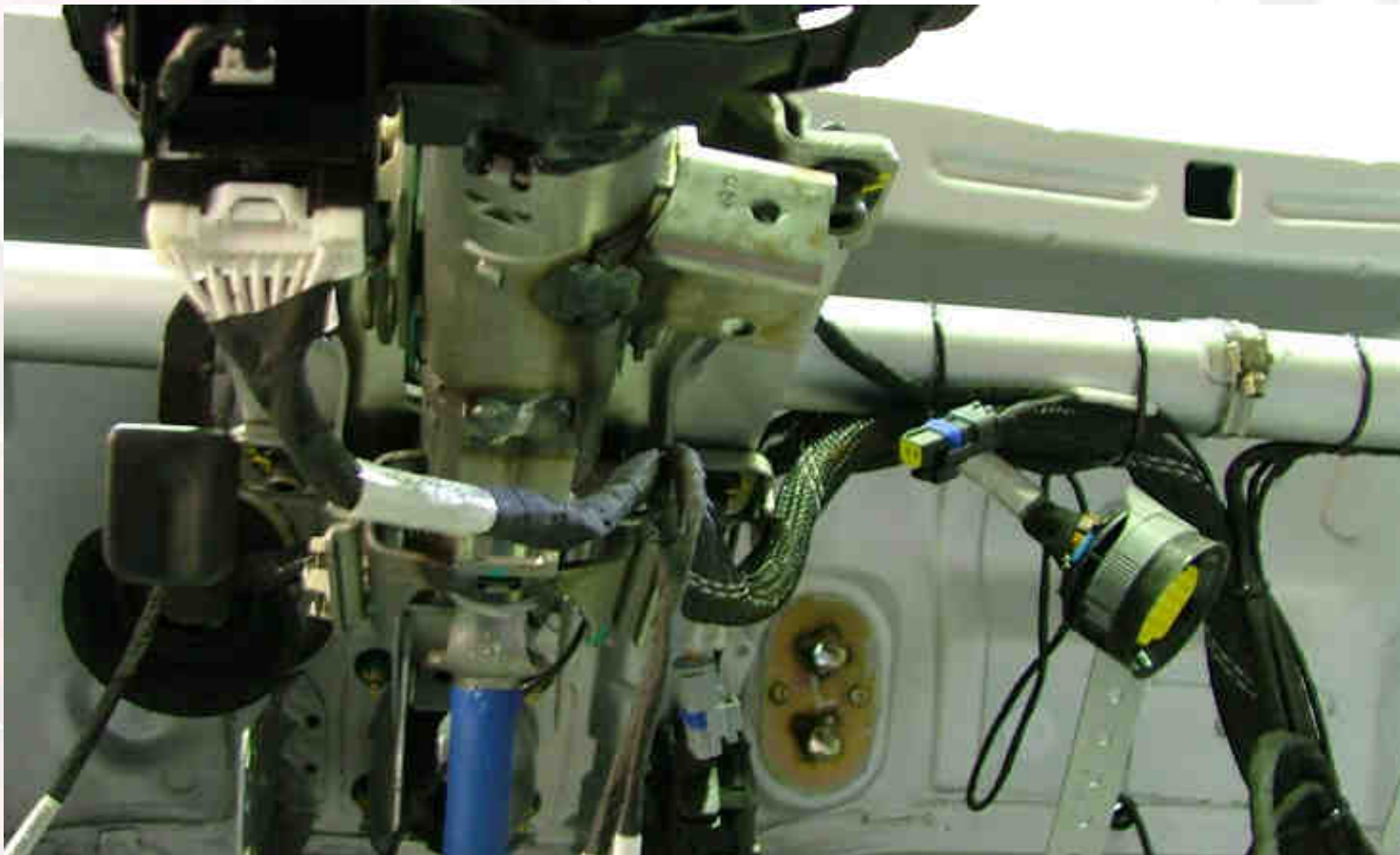


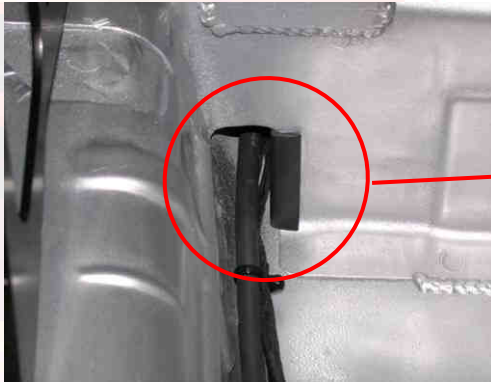


To the level of the rollage cross member, let the loom go up, and attach it on the crossmember.



Details of the crossmember fitting, and connections to commodos.





Protect the cutting areas of brackets and body, to don't injure the loom.

Z9J
Looms



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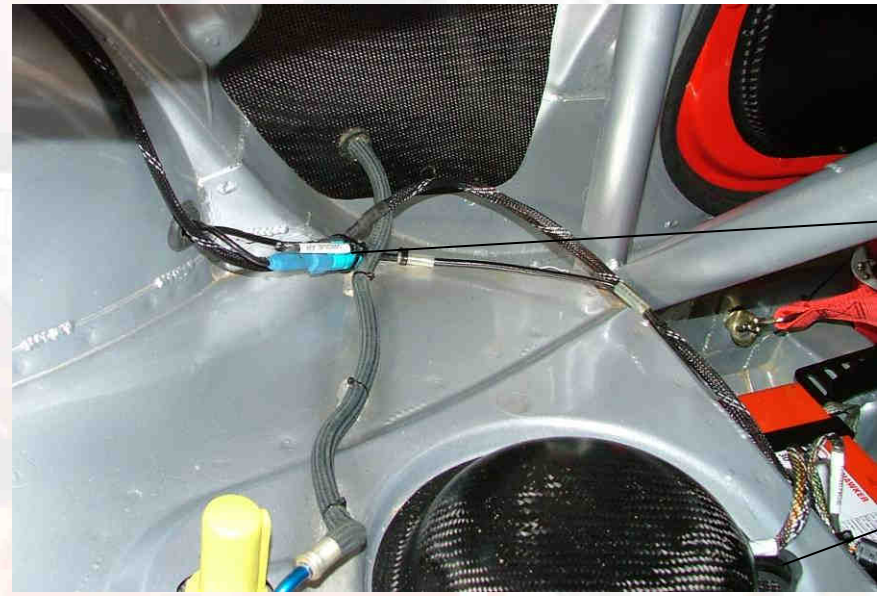
Rear side :

On the rear side, the loom is divided on 2 ways, one for the left side and one for the right side :



Electrical ground, generalities : The good conductability of each ground is very important for the good electrical work of the car. Each ground has to be well prepared, and verified during every rebuilt of the car (good paint cleaning with sandpaper, and conductability test with an ohm meter).

Left rear :



Connect to left rear speed sensor (speed on the dashboard)

Connection to the fuel pump

Connect to the rear tail gate loom

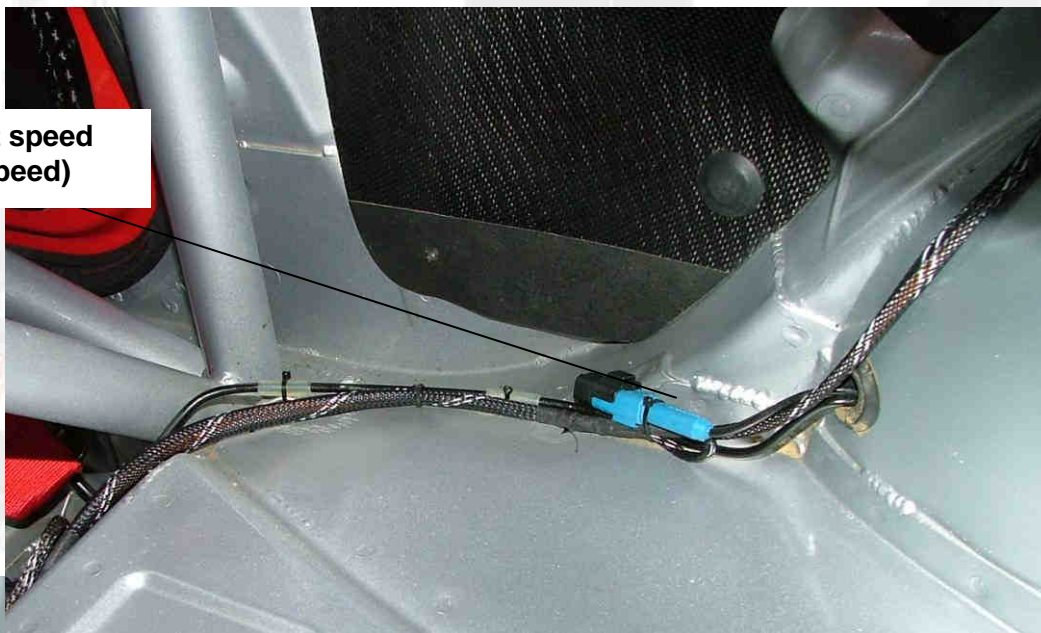
Connect to the left tail light





Right rear :

Connect to the right speed sensor (Coralba speed)



Connect to the right tail light



Start limiter assembly :

The inside loom is equipped of a start limiter connector.

Connected to a button on the steering wheel (shown on the opposite picture), this function reduce and stabilize the engine revs when its on.

So, starts are easier to do, because of an appropriate rev.

Push on the button during the start, and keep it on until the traction is found.

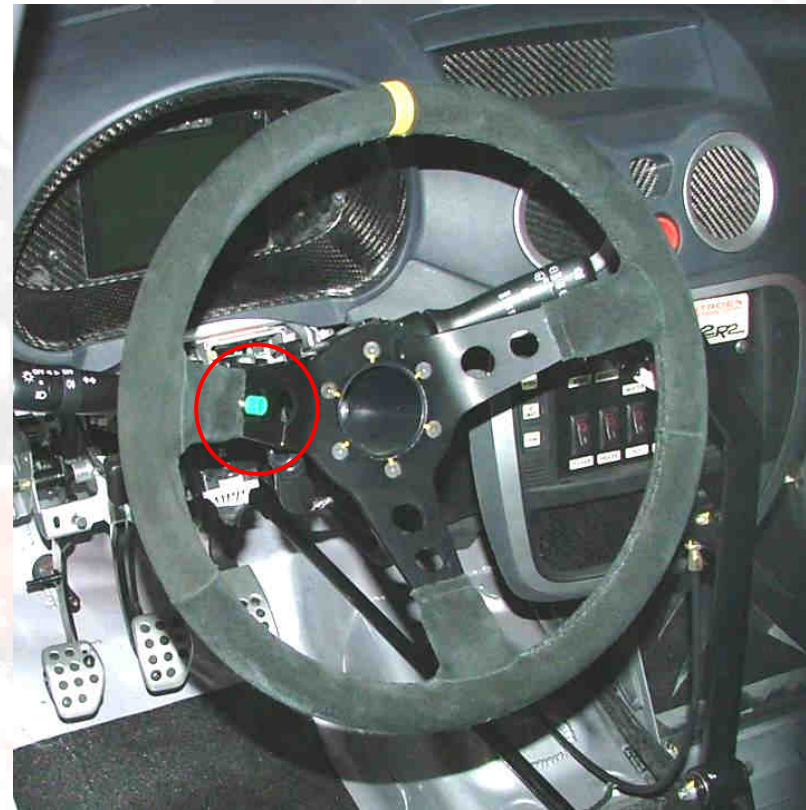
Start limiter loom assembly :

You can find hereafter the right connector and pins in connector bag, delivered with the engine and inside loom kits.

We suggest to use some « telephone » wires, and an appropriate button (parts numbers below) :

« Telephone » wires : ref **365-234**, *Radiospares*.

Button : ref **324-9056** (without led), *Radiospares*.



Z9J
Looms



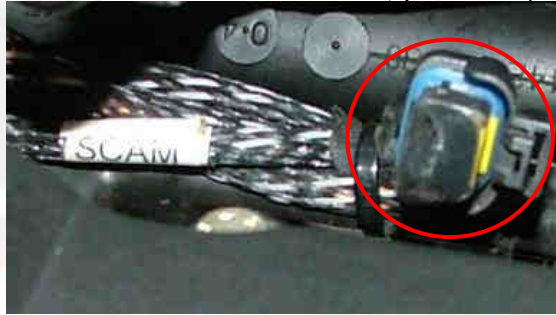
ZS
ELECTRICITY



Assembly details :



Nota : Unused connectors (as electrical power steering, Scam etc...) have to be protected to humidity, water, dust and so on. So, apply some silicon on the connector, pin side (as shown on the picture below).



Protection by silicon or equivalent

We suggest to don't cut unused connectors, and to don't protect it with plastic sachets or equivalent.

By experience, we know that this kind of protection become a water or humidity reserve.

Recapitulatory and locations of inside loom grounds :

Ground N°	Location
1	On front side, above the right side member.
2	On front side, above the left side member.
3	On front side, in front of the fuse box.
4	Inside, on the tunel, in front of the gearbox lever mounting.
5	On rear left side, close to the tail light.
6	On rear right side, above the tail light.

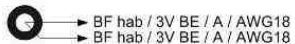
Electric grounds, generalities : The good conductability of each ground is very important for the good electrical work of the car. Each ground has to be well prepared, and verified during every rebuilt of the car (good paint cleaning with sandpaper, and conductability test with an ohm meter).



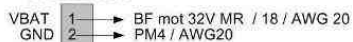
« Options » connections : You can find below pin out for each option function connectors of the inside loom (coralba, fuel gauge, start limiter, lamp pods, antifog lights, data logger and so on) :



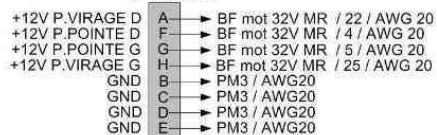
P.B CHAUFFANT



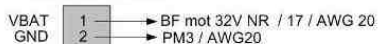
A-B DROIT



RAMPE DE PHARES



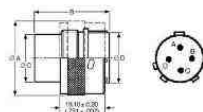
A-B GAUCHE



GPS

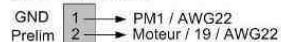


Couleur noir



Couleur noir

PRELIMITEUR



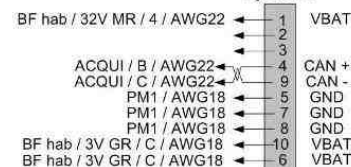
Couleur noir

AFFICHEUR ESSENCE

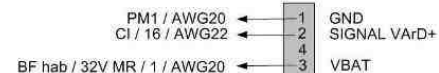


Couleur noir

Connecteur options

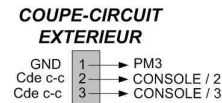
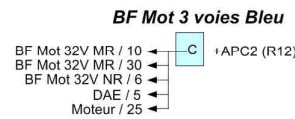
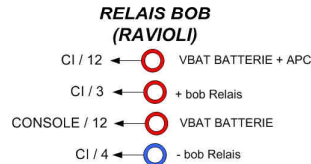
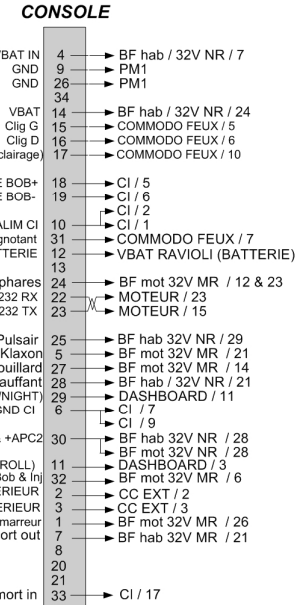
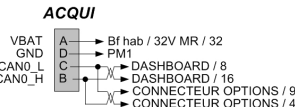
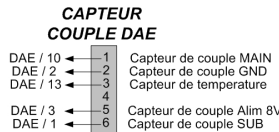
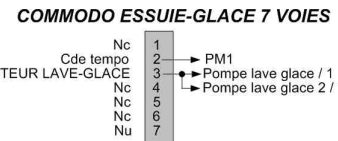
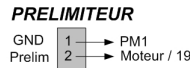
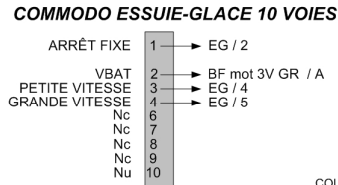
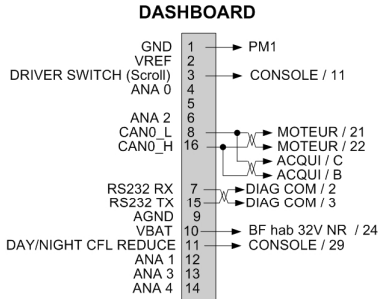
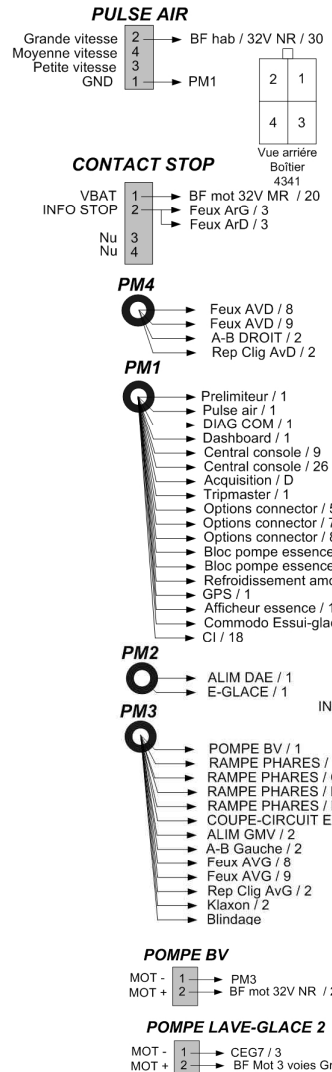
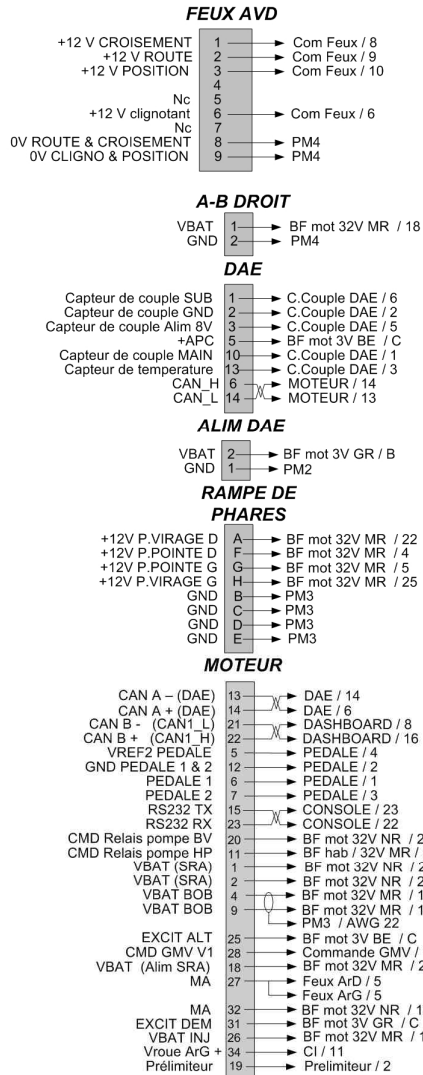


CORALBA

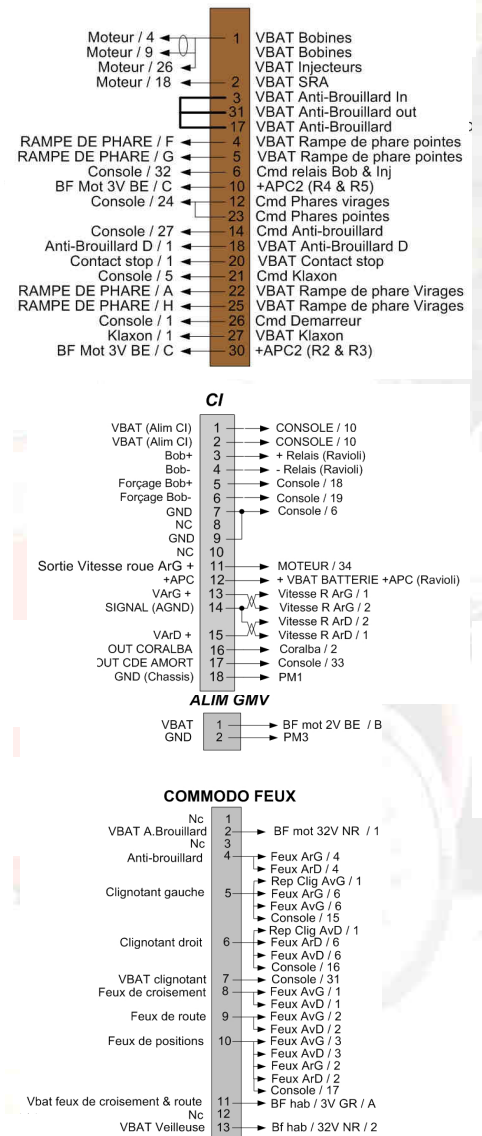


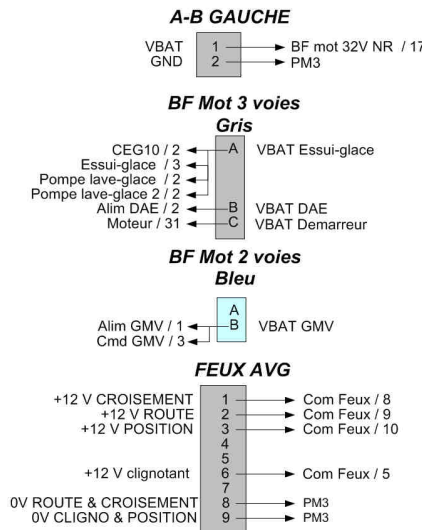
Couleur noir

Inside loom pin-out :

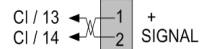


BF Mot 32 V Marron

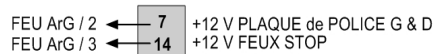




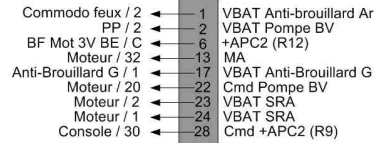
VITESSE ROUE ARG



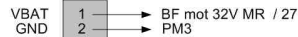
HAYON



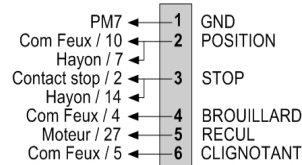
BF Mot 32 voies Noir



KLAXON



FEU AR GAUCHE



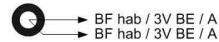
PEDALE



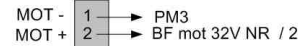
POMPE LAVE-GLACE



P.B CHAUFFANT



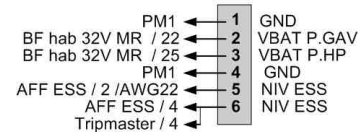
POMPE BV



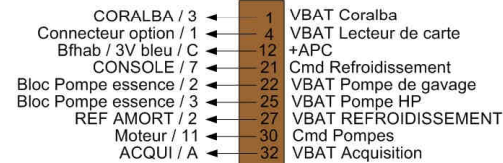
POMPE LAVE-GLACE 2



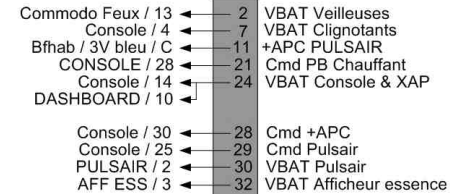
Bloc Pompe essence



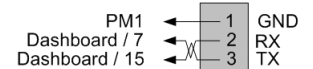
BF hab 32 voies marron



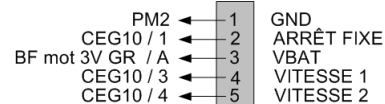
BF hab 32 voies Noir



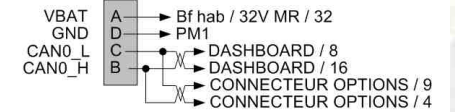
DIAG COM DASHBOARD



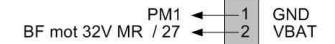
ESSUIE-GLACE



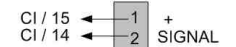
ACQUI



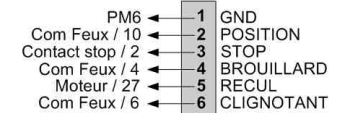
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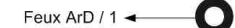
VITESSE ROUE ARD



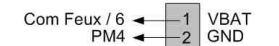
FEU AR DROIT



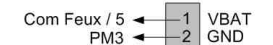
PM6



REP CLIG AVD



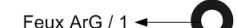
REP CLIG AVG



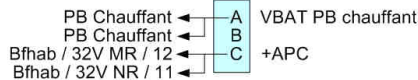
AFFICHEUR ESSENCE



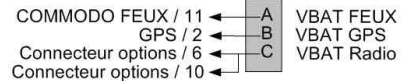
PM7



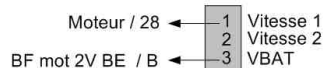
BF hab 3 voies Bleu



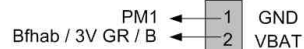
BF hab 3 voies Gris



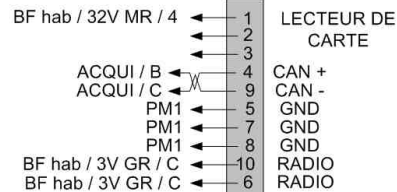
Commande GMV



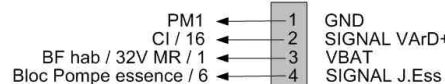
GPS



Connecteur options



TRIPMASTER

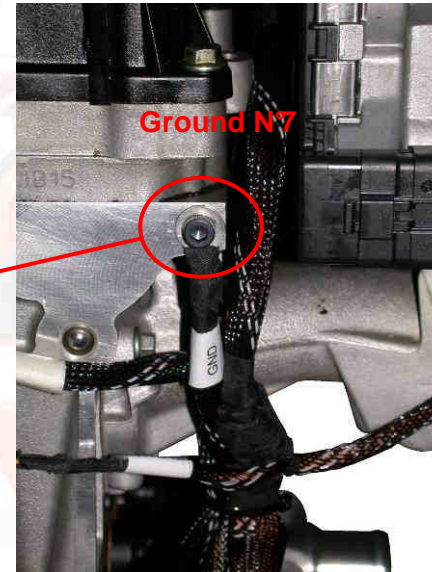
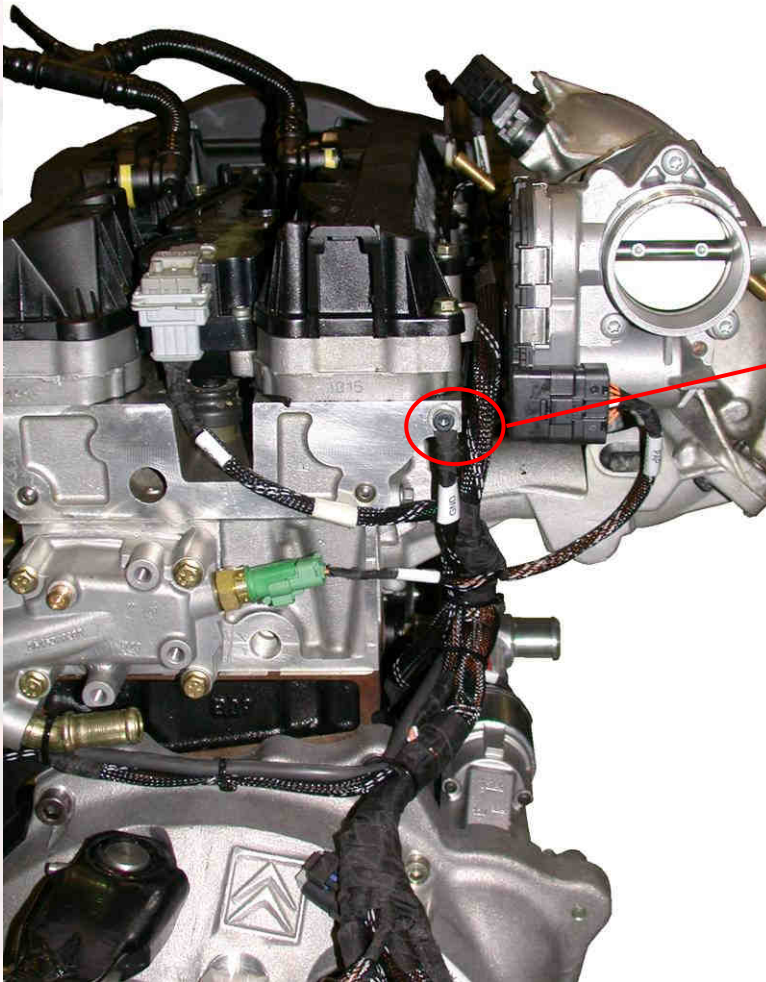


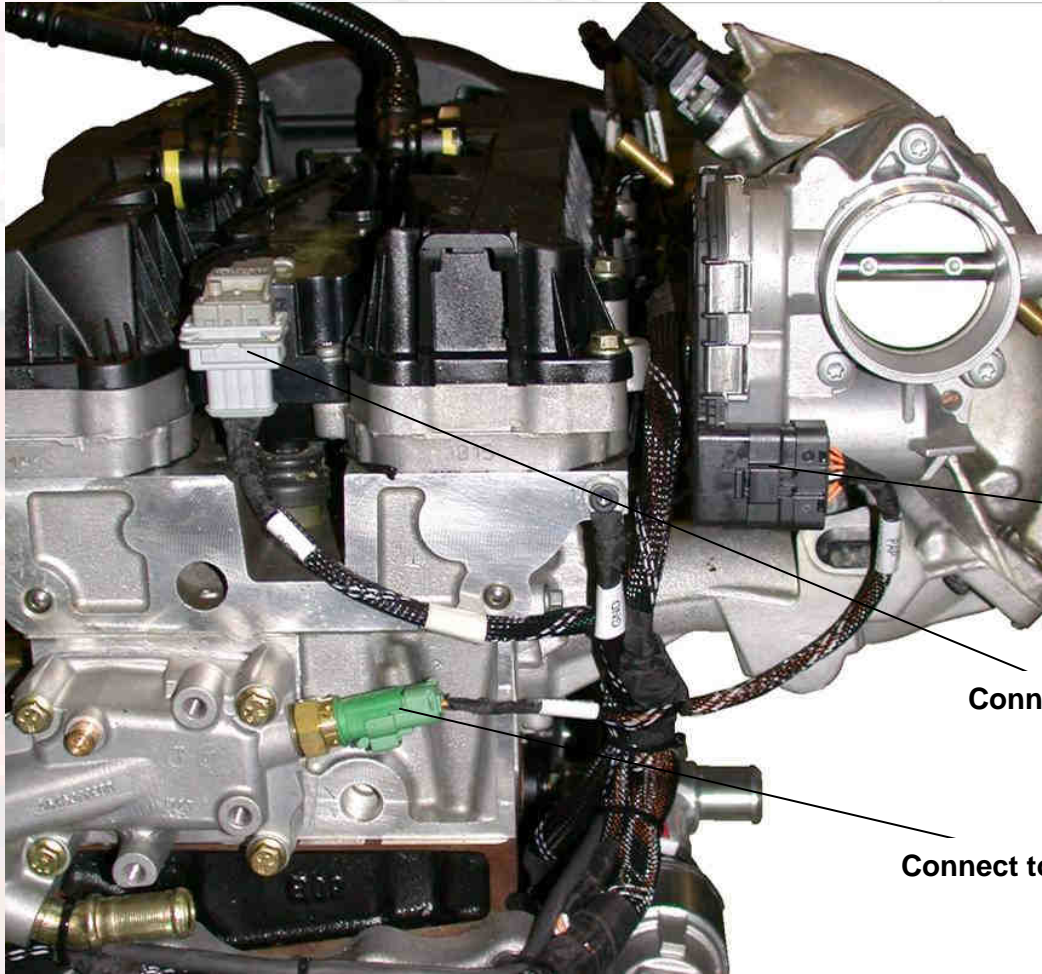
Engine loom assembly :

Connect the engine loom ([rep.2](#)) to the inside loom (as shown on the picture below).



You can find below some pictures, showing all the loom positions, and all connections :





Connect to the throttle body

Connect to the coils

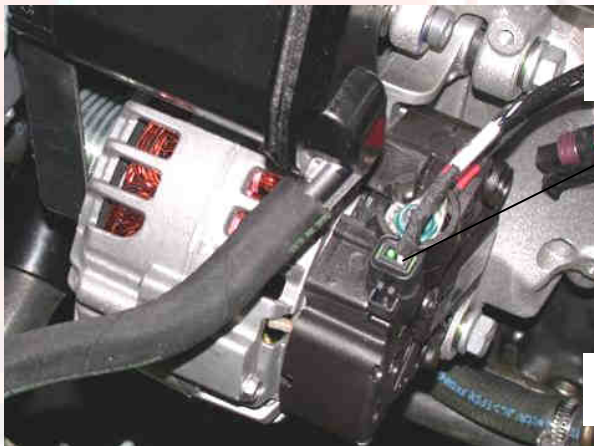
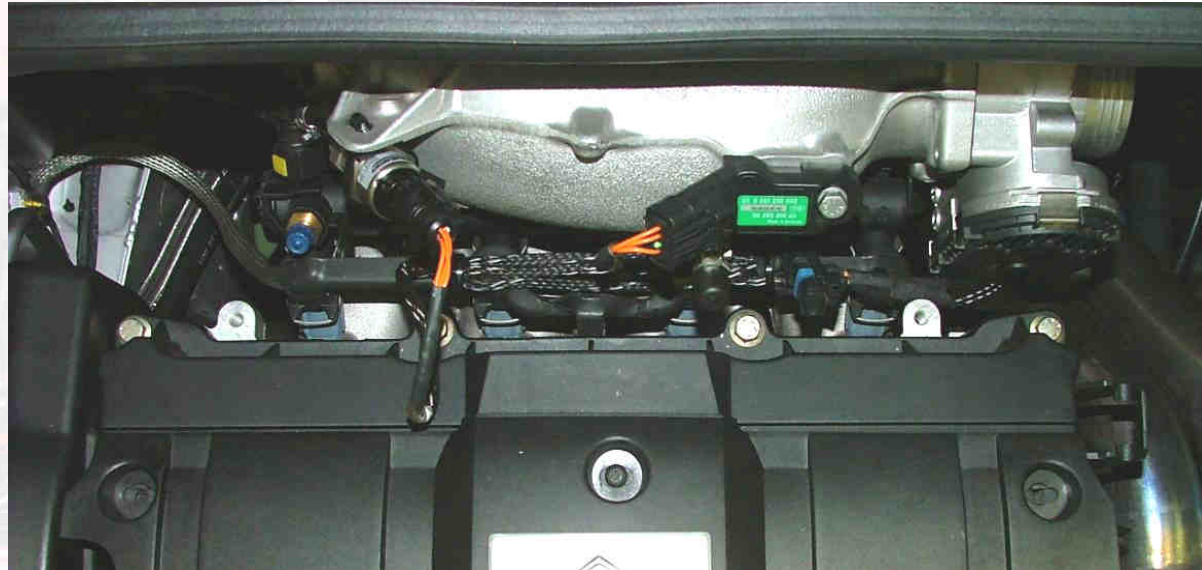
Connect to the water temp sensor

**Z9J
Looms**



**ZS
ELECTRICITY**

Fuel ramp side, fuel pressure sensor and intake pressure :



Connect to the alternator



Connect to the starter

« SRA » ECU connection :

« A » Connector

« B » Connector



Be careful : Take a look on both SRA seals every time that you connect the loom to the ECU. Pay attention that seals (A and B) are in good condition, if not change don't hesitate to change it. Apply only some neutral grease (as « Loctite » silicone) on **A** and **B** connector seals.

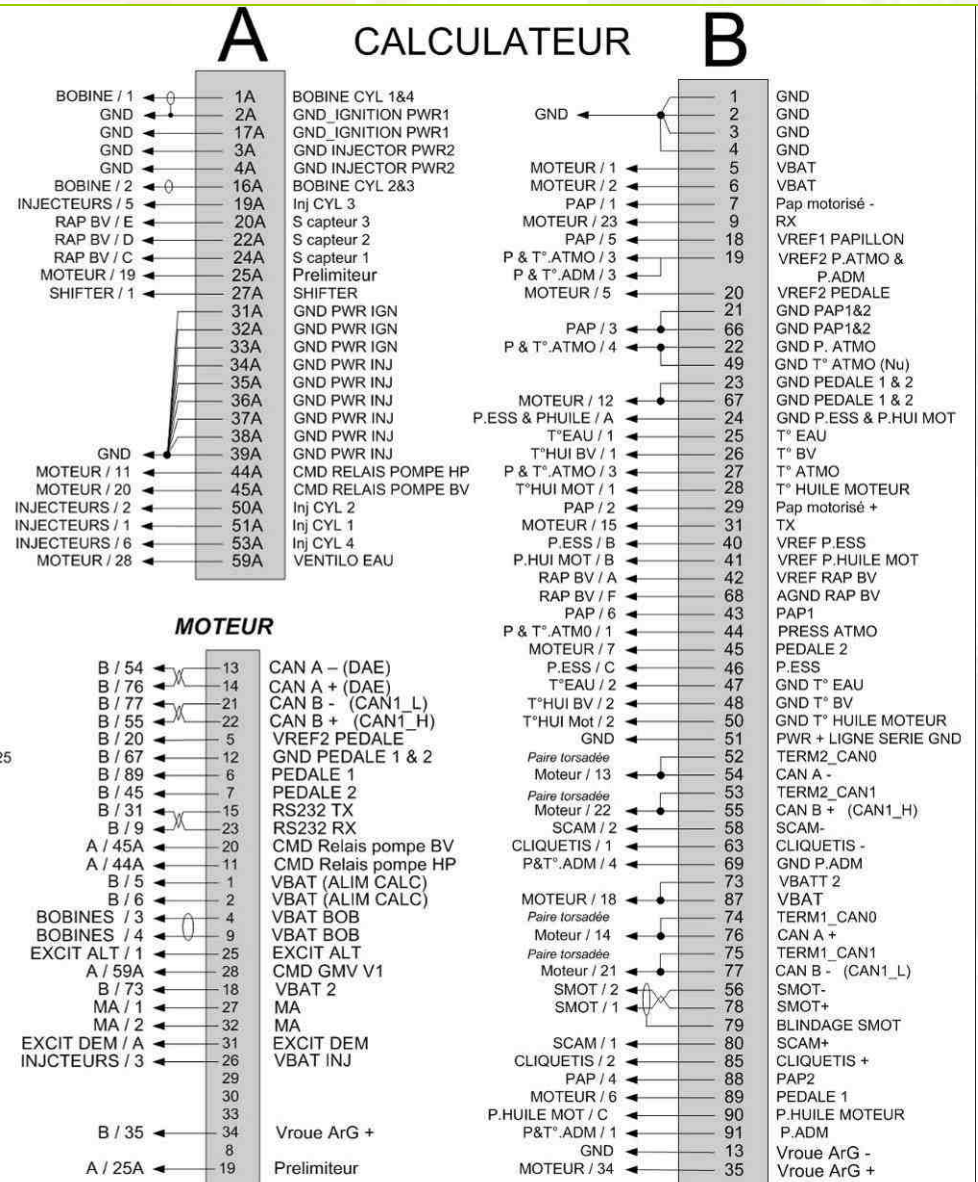
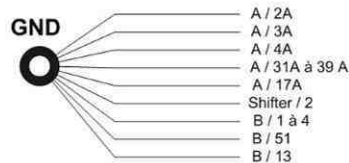
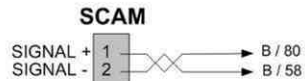
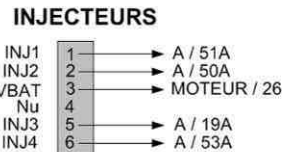
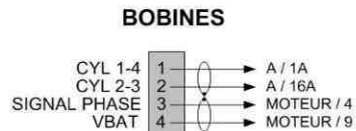
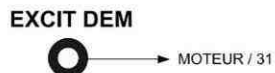
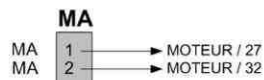
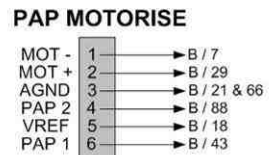
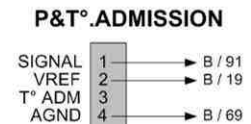
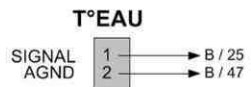
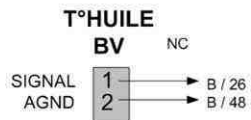
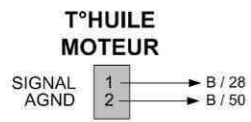
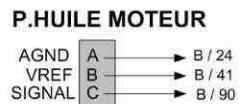
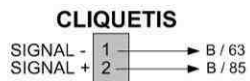
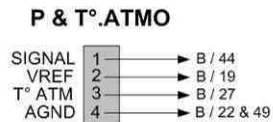
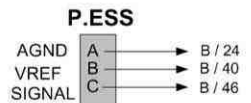
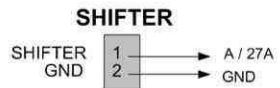
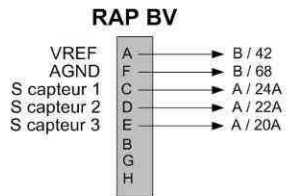
The using of WD40 or brake cleaner is forbidden (shading off and expansion of the seals)



Z9J
Looms



ZS
ELECTRICITY





Tail gate loom assembly :

Connect the tail gate loom (*rep. 3*) to the inside loom by the right connector.

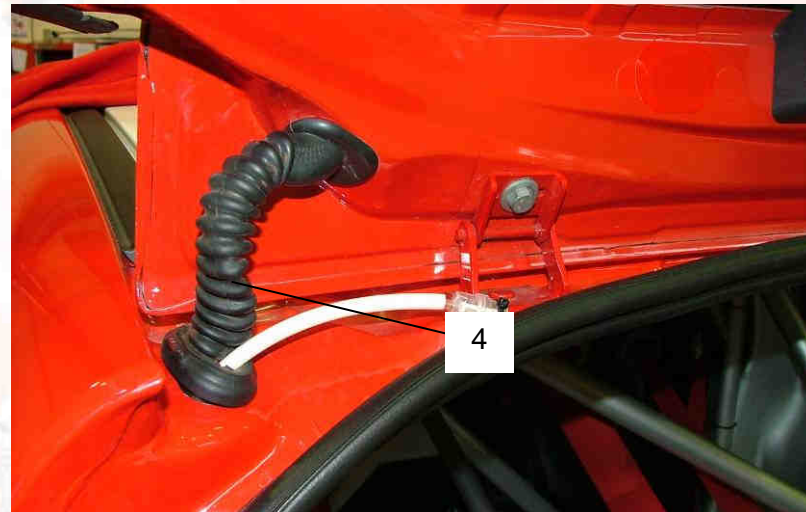
Connect the tail gate ground to the body.

Slide the loom through the body by the hole shown on the opposite picture.



On tail gate side, slide the sleeve (*rep. 4*) along the tail gate loom, and clip it on both sides (body and tail gate).

To finish, connect the third stop light to the tail gate loom.



Z9J
Looms



ZS
ELECTRICITY



Body to cylinder head ground braid assembly :

The ground braid (*rep. 5*) has to be fitting on the ride side of the body, above the right side member (as shown on the opposite picture).

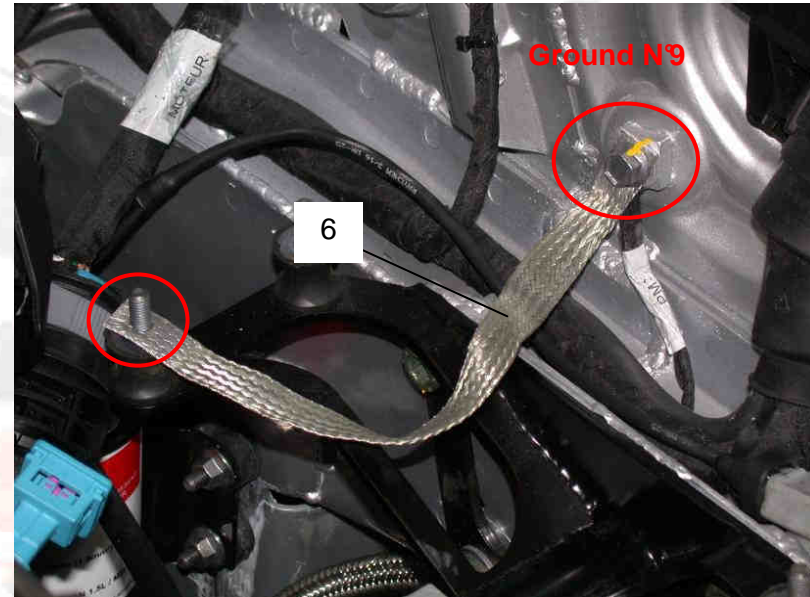
The other side of the braid has to be connected on the rear side of the cylinder head (as shown on the opposite picture).



SRA ECU to body ground braid assembly :

The ground braid (*rep. 6*) has to be connected on the body, above the left side member (as shown on the opposite picture).

The other side of the braid has to be connected on one of the four SRA silent-block (connection between the ECU and a silent-block), as shown on the opposite picture.





Recapitulatory and locations of ground braids :

Ground N°	Location
8	Above the right side member, to the cylinder head, timing side.
9	Above the left side member, to the ECU (by a silent-block)

Electrical grounds, generalities : The good conductivity of each ground is very important for the good electrical work of the car. Each ground has to be well prepared, and verified during every rebuilt of the car (good paint cleaning with sandpaper, and conductivity test with an ohm meter).