



To All Lamborghini Dealers and Licensed Service Point
From Customer Service Department
Subject Clutch pedal switch – Canadian Market
Group 824.6.11
Date 09.05.2008
Pages 20

Subject

Clutch pedal switch – Canadian Market.

Automobili
Lamborghini S.p.A.

Model / VIN-Range

Murcielago Coupè and Roadster VIN:

ZHWBC26M26LA01948	ZHWBC37M67LA02123
ZHWBC37M77LA02227	ZHWBC37M87LA02270

Information to the field

All the VIN listed above must be updated. The clutch pedal switch was not installed on the above mentioned vehicles. The engine could therefore be started without the clutch pedal being depressed.

Field solution

Follow the workshop instruction in this document for the installation of the clutch pedal switch.



Spare Parts

One complete kit is necessary, part number: 0R1470120 which is available through our spare parts department. Each kit contains the following:

ITEMS TYPE	NOTE	PART NUMBER	QUANTITY
CLUTCH SWITCH	-	1J0927189F	1
CLUTCH SWITCH BRACKET	-	410721633D	1
SCREW	-	N10546402	2
LOCK WASHER	-	N01152427	2
UPPER COVER PEDAL AREA	-	413864777A	1
CLUTCH PEDAL	-	413721321B	1
COVER CLUTCH PEDAL	-	400721779	1
GFA ECU	-	400959433DR	1
NEW WIRING	-	410971449	1
PIN	-	N0133311	2
SCREW	-	410721379	2
SERVO BRAKE BRACKET	-	410721255	1
LOWER COVER CLUTCH PEDAL	-	400721173	1
PEDAL AREA	-	413721117A	1
BRAKE CLUTCH PEDAL BRACKET	-	410721381	2
RING	-	WHT002647	4
BEARING	-	410721196	3
SCREW	-	N10650701	2
SPACER	-	413721663A	1
BRAKE SENSOR BRACKET	-	410721663B	1
SERVO BRAKE LEVER	-	410721385	1
PIN	-	N0133311	2
BUSHING	-	410721164	1
SERVO BRAKE PIN	-	410721965	1
PIN	-	N0133481	2
BRAKE PEDAL PIN	-	410721147	1
CLUTCH PEDAL SPRING	-	410721363	2
SERVO BRAKE VALVE	-	400616807	1
SCREW	-	410721379	2
BRAKE PEDAL PUSH	-	410721993	1

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SERVO BRAKE PUSH	-	410721645	1
BOLT	-	N10155210	1
PEDAL AREA PIN	-	410721966	1
WASHER	-	N01152722	4
PIPE	-	410721134A	2
WASHER	-	N01264483	2
BRAKE PEDEAL	-	413721145B	1
BUSHING	-	410721443	2
PEDAL COVER	-	400721174C	1
COVER	-	400721780	1
INSERT	-	410721780	2
BOLT	-	N01100637	2
CLUTCH BRAKE PEDAL PIN	-	413721325	1
JOINT	-	410721427	1
WASHER	-	WHT002632	1
PEDAL SHIM	-	410721648	1
PIN	-	WHT003109	2

Warranty Claim data

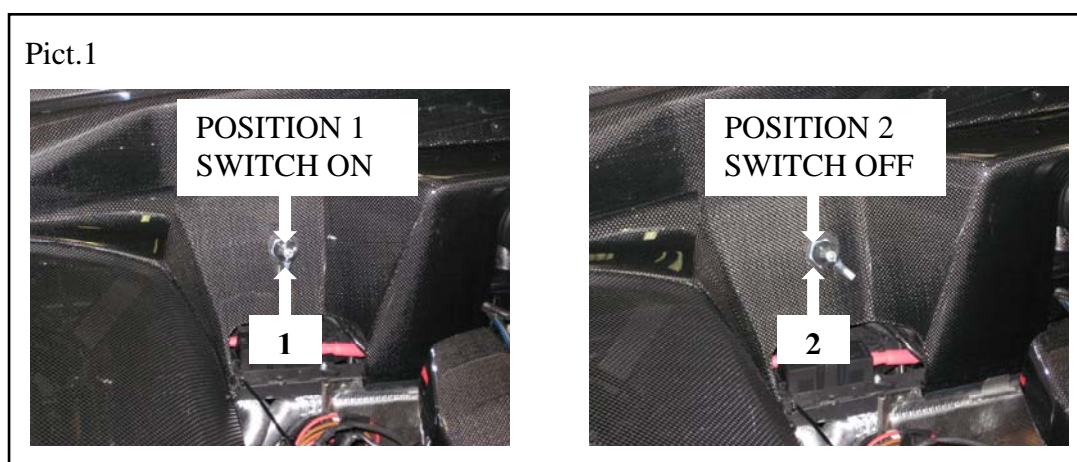
The warranty reimbursement request for this rework action will be managed by the following standard Warranty Claim procedure.

Campaign Code: L824-R.01.08 (Coupè) / L148-R.01.08 (Roadster)
Campaign Description: Clutch pedal switch – Canadian Market
Cost Code: 50
Component Code: CCR0108
Trouble Code: 220
Labour Code: CCR0108100
Labour Time: 5,5 h



Workshop instructions

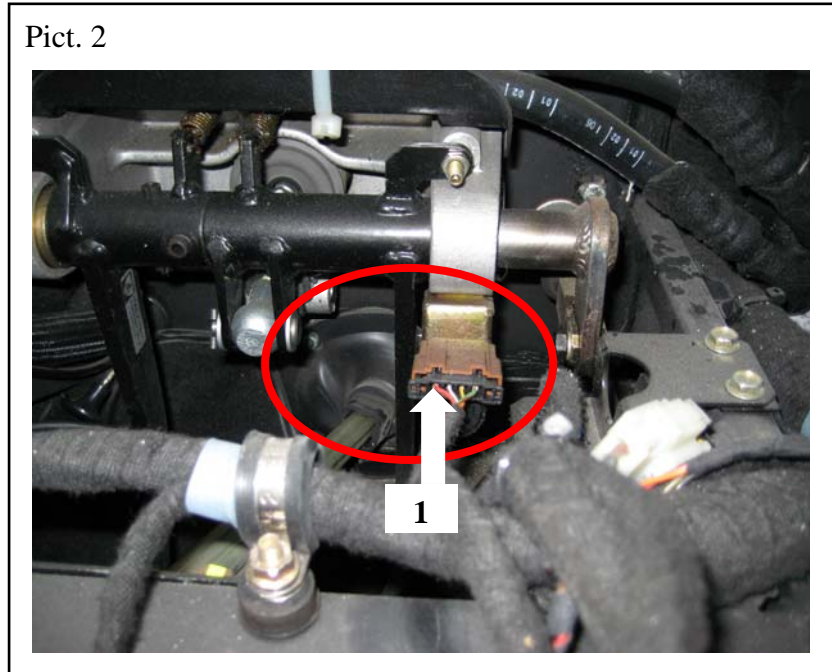
- 1.1 Adopt all precautions to work safe and prevent car damages.
- 1.2 Disconnect the battery using the battery switch located on the left side of the engine compartment: in position 1 (1-Pict. 1) the battery is switched on while in position 2 (2-Pict.1) the battery is switched off. Rotate the battery switch to position 2.



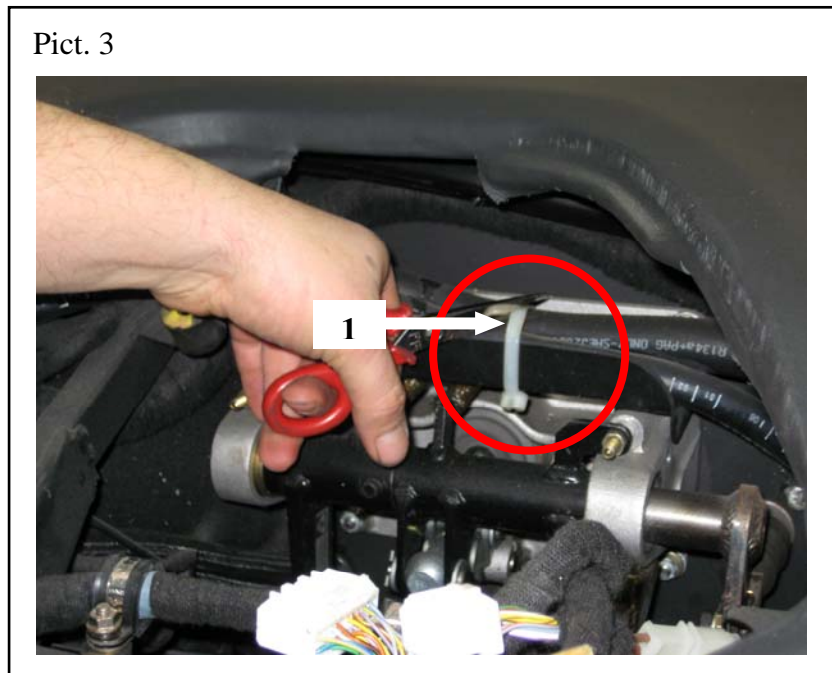
- 1.3 Remove the two plastic covers on the backside of the steering wheel and remove the two screws on the steering wheel in order to remove the airbag assembly and cover (see also workshop manual instructions 08 75 03).
- 1.4 Remove the steering wheel (see also workshop manual instructions 08 75 03).
- 1.5 Remove the instrument panel, the left lateral and the left central air intake (see also workshop manual instructions 08 68 03).
- 1.6 Remove the GFA ecu (see also workshop manual instructions 09 81 03).



1.7 Disconnect the connector (1-Pict.2) on the brake pedal and remove the brake switch.



1.8 Cut the wire tie (1-Pict.3) on the pipes of the air conditioning system and remove.

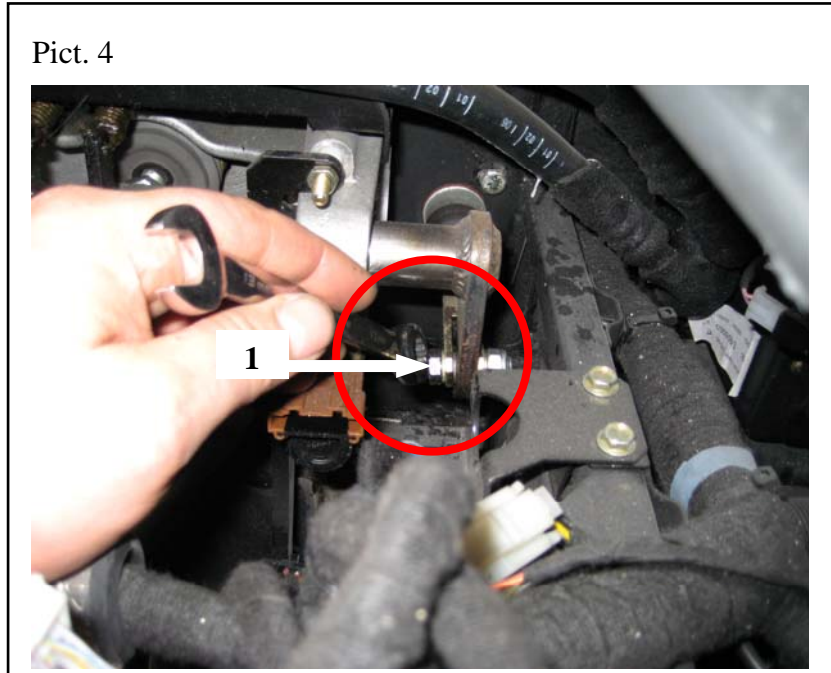




1.9 Disconnect the clutch master cylinder from the clutch pedal linkage (1-Pict.4).

ATTENTION: take note of the position of the spacers and reassemble in the same position. (see also workshop manual instructions 08 02 03).

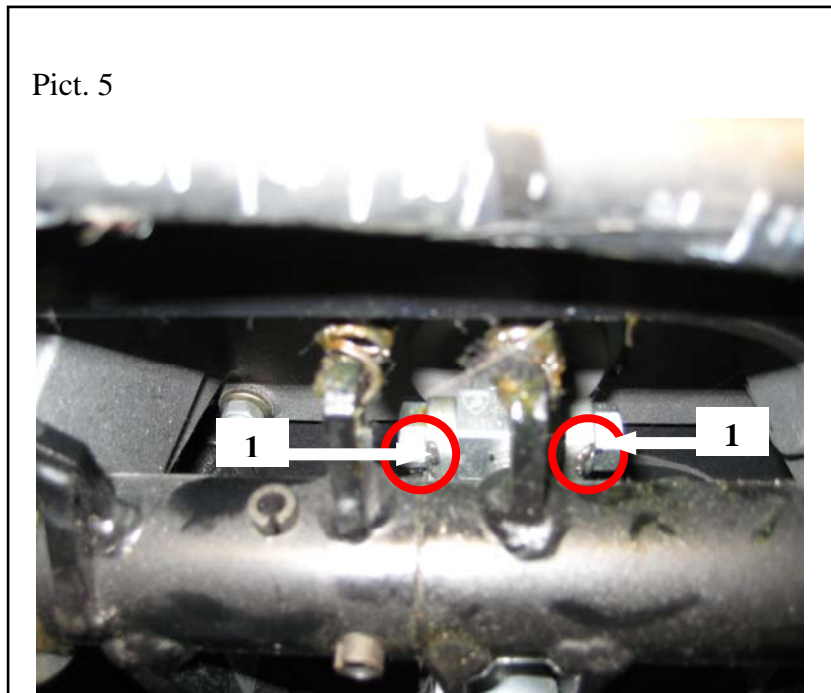
Pict. 4



1.10 Remove the two pins and the two screws (1-Pict.5) that connect the pedal assembly with the servo brake.

ATTENTION: take note of the position of the spacers and reassemble in the same position.

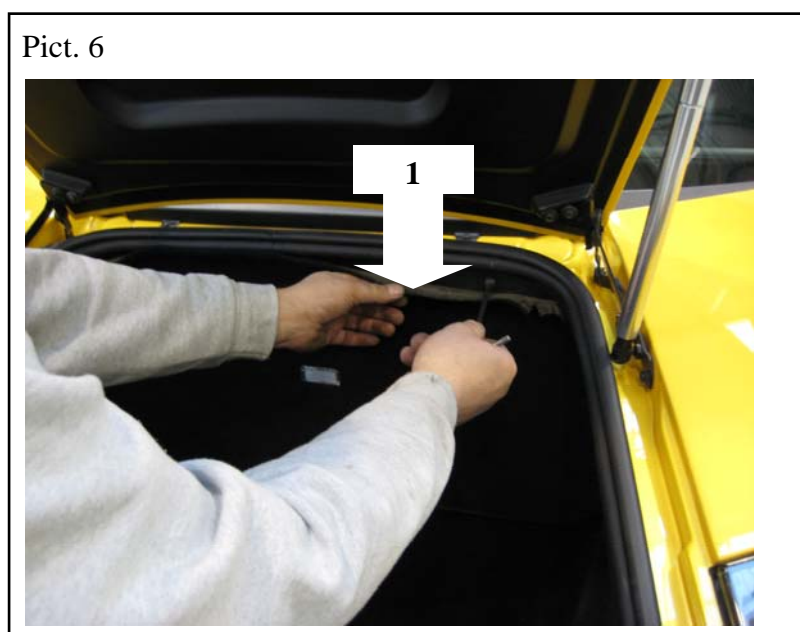
Pict. 5



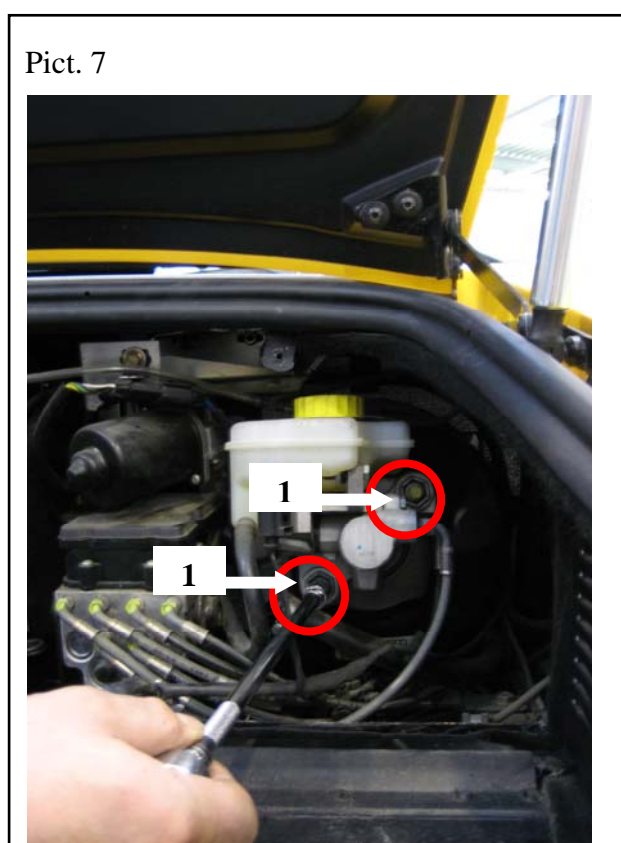
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1.11 Remove the rear cover of the front luggage compartment (1-Pict.6) (see also workshop manual instructions 08 02 03).



1.12 Remove the two bolts securing of the brake master cylinder (1-Pict.7).



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1.13 Unscrew and remove the bolt (1-Pict.8) of the steering column.



1.14 Remove the pedal assembly (see also workshop manual instructions 08 02 03).

1.15 Remove the glove compartment behind the left seat (see also workshop manual instructions 08 68 03), as shown in picture 9.



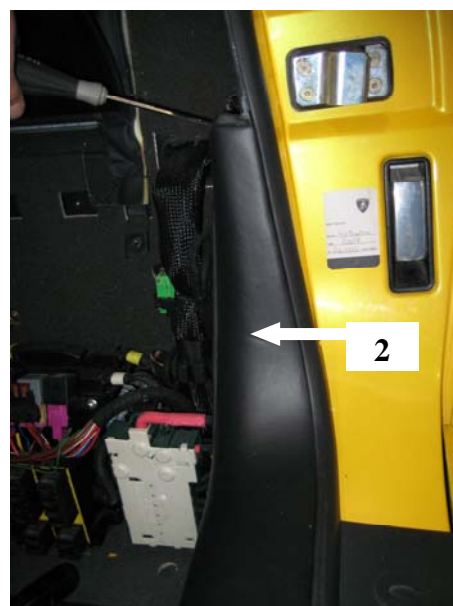
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1.16 Remove the upper and lower trim panels (1-Pict.10) and (2-Pict.10) behind the left seat.

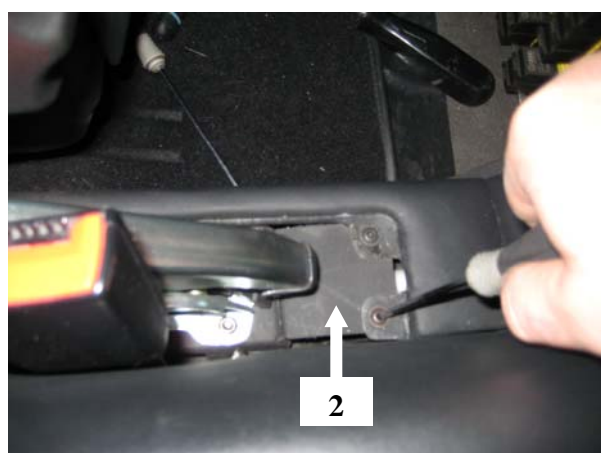
ATTENTION: make sure when reassembling to position any spacers in the same position. (see also workshop manual instructions 08 68 03).

Pict. 10



1.17 Remove the upper (1-Pict.11) and lower covers of the hand brake (2-Pict.11) (see also the workshop manual instructions 08 68 03).

Pict. 11



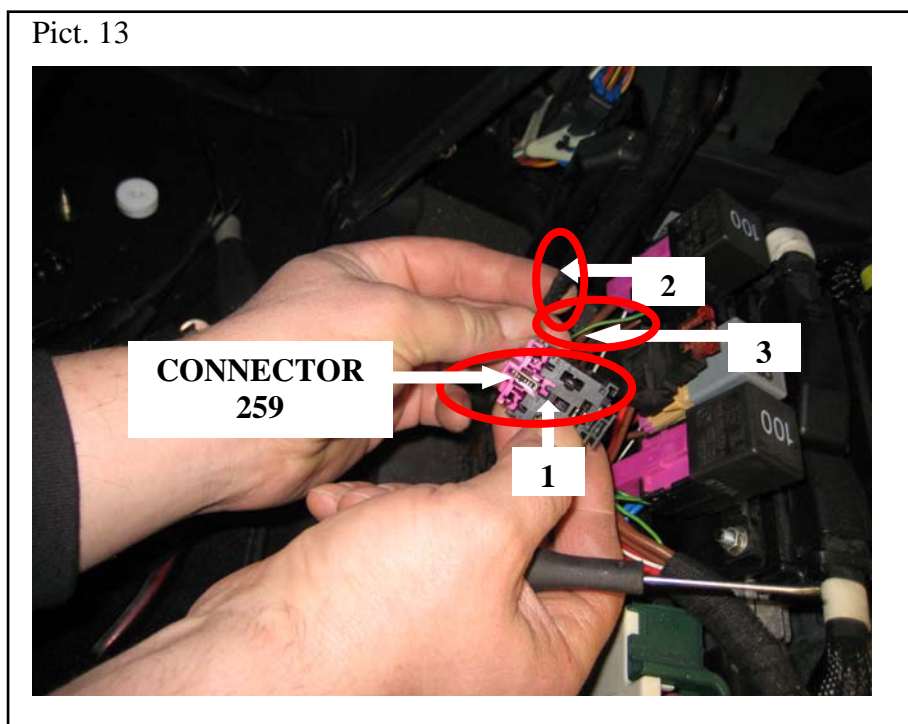
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1.18 Remove the side member cover (1-Pict.12) (see also workshop manual instructions 08 68 03).



1.19 Pull out the relay on the connector number 259 (1-Pict.13); pull out the black wire (2-Pict.13) in position 4 and cover up the wire (2-Pict.13) with the scotch electrical tape. Finally put the green/black wire (3-Pict.13) of the new wiring (p/n 410971449) in the position 4 in the connector number 259.

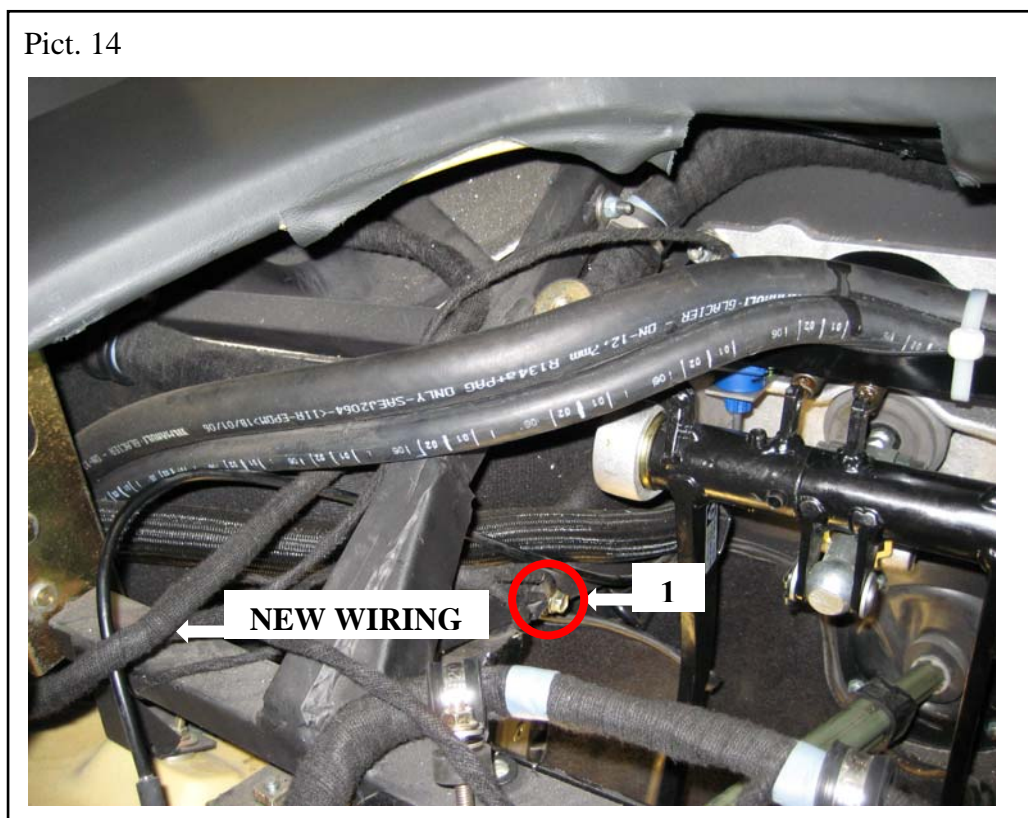


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- 1.20 Position the new wiring (p/n 410971449) along the side member cover and fix the wiring with the clamps.
- 1.21 Put the ground wire (1-Pict.14) in the point shown in picture 14.

Pict. 14



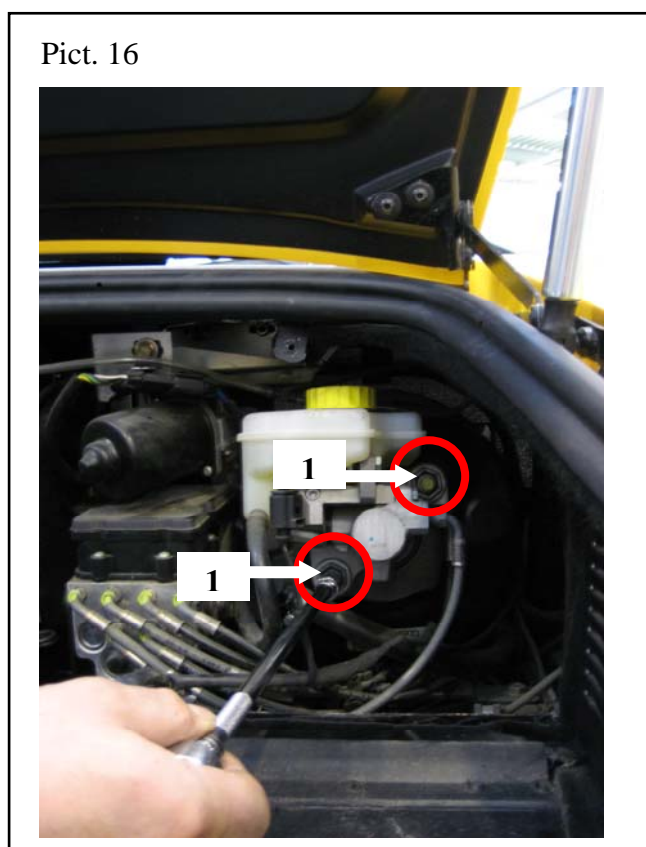
- 1.22 Reassemble the new pedal area (tightening torque 20 Nm) (see also workshop manual instructions 08 02 05).



1.23 Reconnect the clutch pedal linkage to the clutch master cylinder paying attention to the position of the spacers. (1-Pict.15).

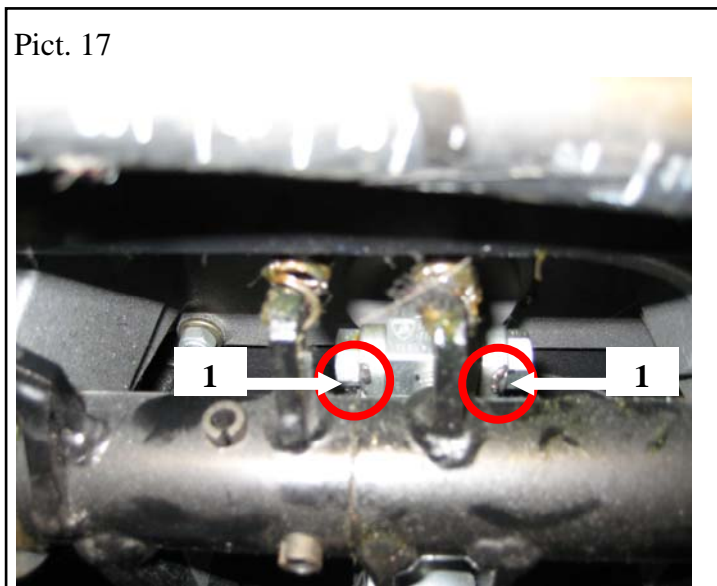


1.24 Install the two bolts securing the brake master cylinder (1-Pict.16); torque to 23 Nm.





1.25 Connect the brake master cylinder in the pedal box area. Use Red Loctite on the threads of the new screws (P/N 410721379). Finally install the pins (P/N N0133311) for securing the screws (1-Pict.17).



1.26 Working from inside the vehicle in the pedal box area, reinstall the brake pedal switch that was previously removed.

Install the new clutch pedal switch (P/N 1J0927189F) (1-Pict.18) as shown :

- to adjust the clutch pedal switch, depress the clutch pedal completely. The switch will self adjust to the proper position;
- rotate the switch to lock it in the support.

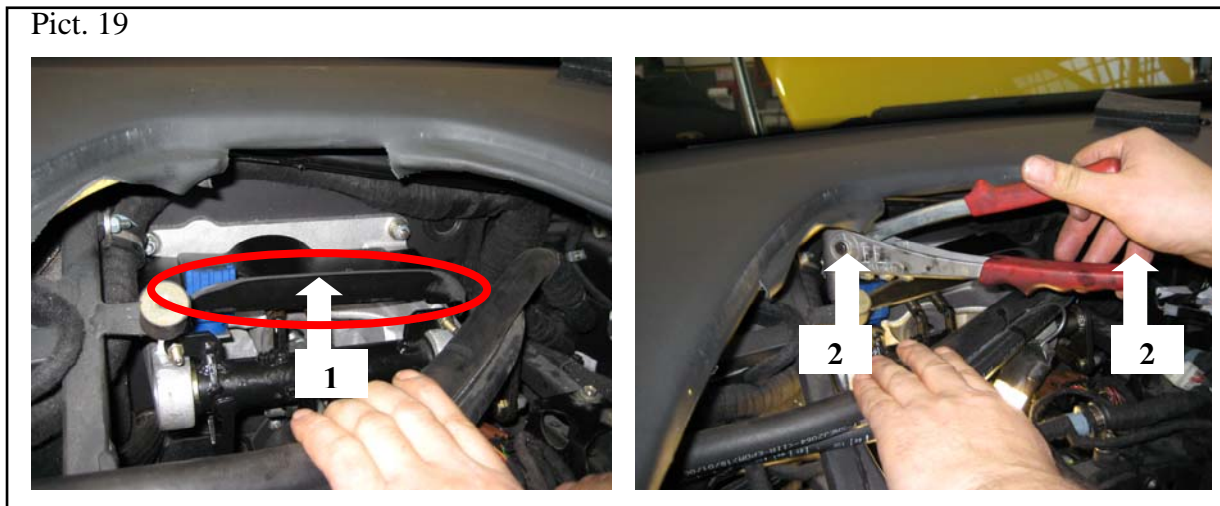


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1.27 Install the new cover (P/N 413864777A)(1-Pict.19) as shown and secure with two rivets (2-Pict.19).

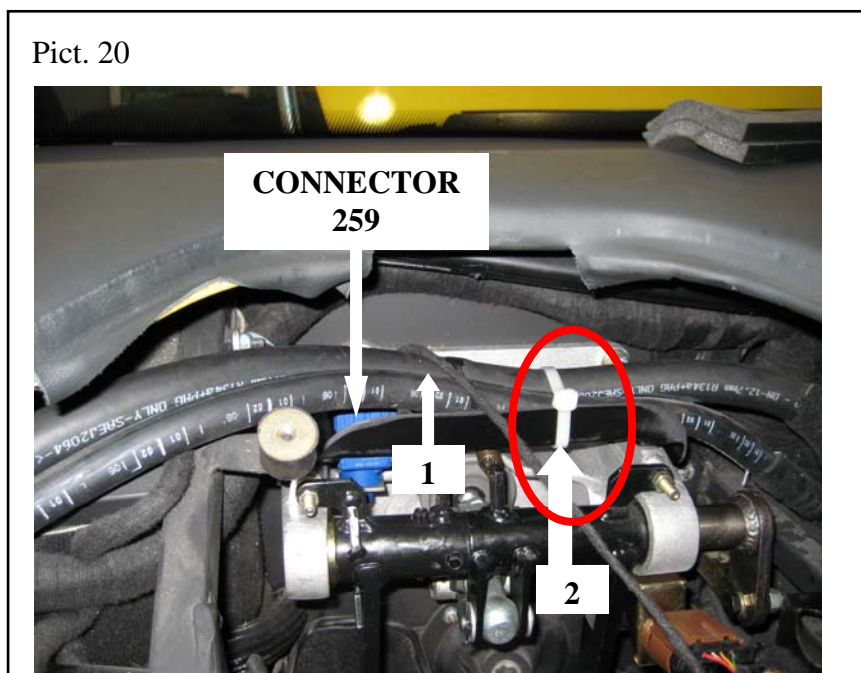
Pict. 19



1.28 Connect the connector number 608 on the clutch switch, the new wiring harness (1-Pict.20) must be positioned along side or the air conditioning lines.

1.29 Install a tie wrap (2-Pict.20) securing the wiring harness to the air conditioning lines.

Pict. 20



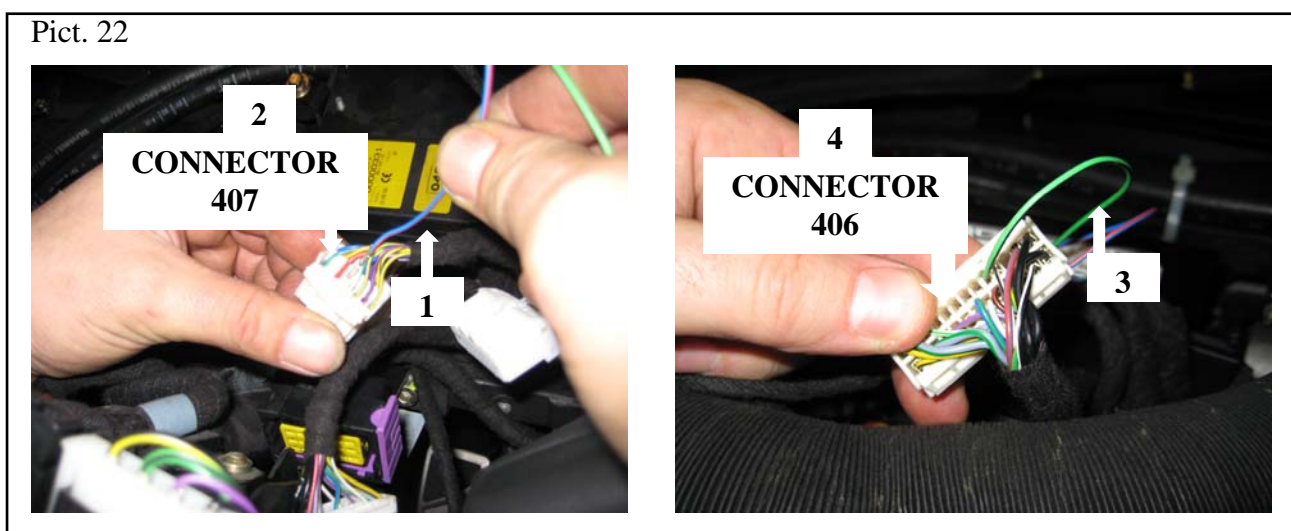


1.30 Re install the bolt (1-Pict.21) of the steering column (tightening torque 27 Nm).



1.31 Install the new GFA (p/n 400959433DR) (see also workshop manual instructions 09 81 05).

1.32 Introduce the red/blue (1-Pict.22) wire into the connector number 407 (2-Pict.22) of GFA (16 pin) in the position 4 while the green/black (3-Pict.22) wire into the connector number 406 (4-Pict.22) of GFA (26 pin) in the position 22.





- 1.33** Reconnect all the connectors of GFA (see also workshop manual instructions 09 81 05).
- 1.34** Reassemble the left lateral air intake (see also workshop manual instructions 08 68 05).
- 1.35** Reassemble the steering wheel (see also workshop manual instructions 08 75 05).
- 1.36** Reassemble the two plastic cover on the steering wheel (see also workshop manual instructions 08 75 05).
- 1.37** Reassemble the instrument panel (see also workshop manual instructions 08 68 05).
- 1.38** Reassemble the left central air intake (see also workshop manual instructions 08 68 05).



1.39 Reassemble the side member cover (1-Pict.23) and the below lateral cover (2-Pict.23) behind the left seat; to do attention at the shims (see also the workshop manual instructions 08 68 05).

Pict. 23



1.40 Reassemble the glove compartment behind the left seat (see also the workshop manual instructions 08 68 03), as shown in picture 24.

Pict. 24

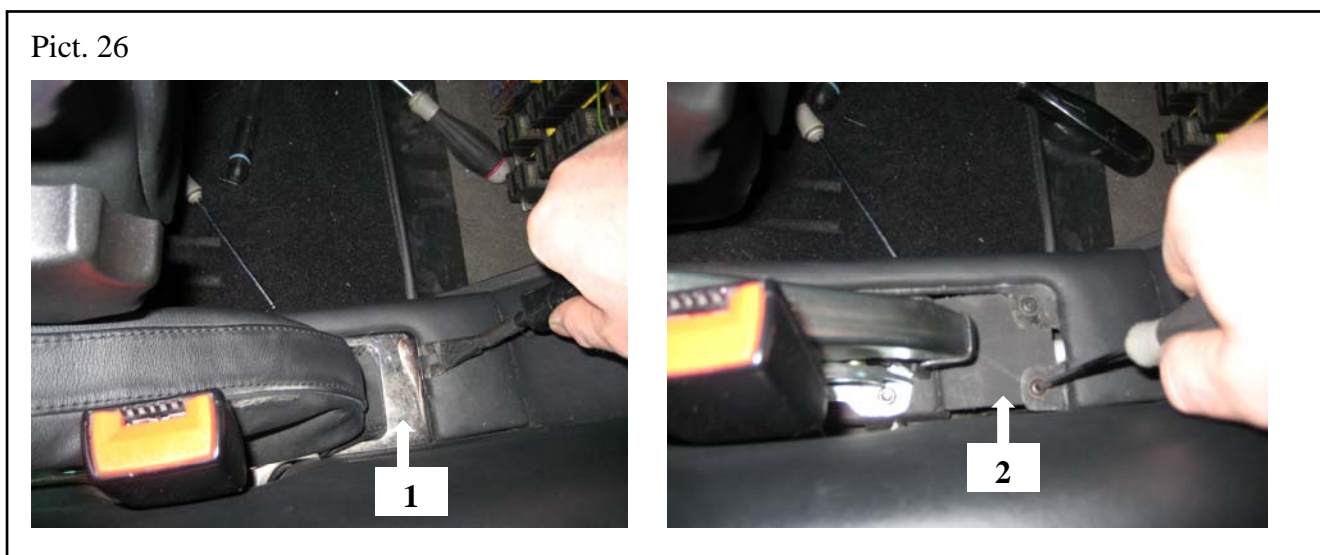




1.41 Reassemble the trim panel (1-Pict.25) behind the left seat (see also the workshop manual instructions 08 68 05).

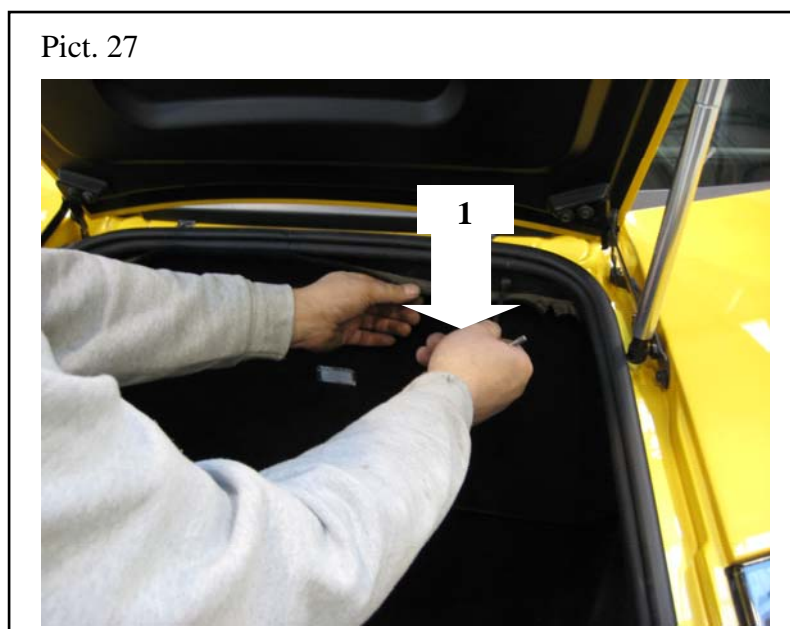


1.42 Reassemble the upper (1-Pict.26) and lower covers of the hand brake (2-Pict.26) (see also the workshop manual instructions 08 68 05).





1.43 Reassemble the rear cover of the front luggage compartment (1-Pict.27) (workshop manual instructions 08 02 05).



1.44 Perform an LDAS data acquisition in order to verify the SW written on the engine management and send the acquisition to the address: service.department@lamborghini.com or davide.amerighi@lamborghini.com.

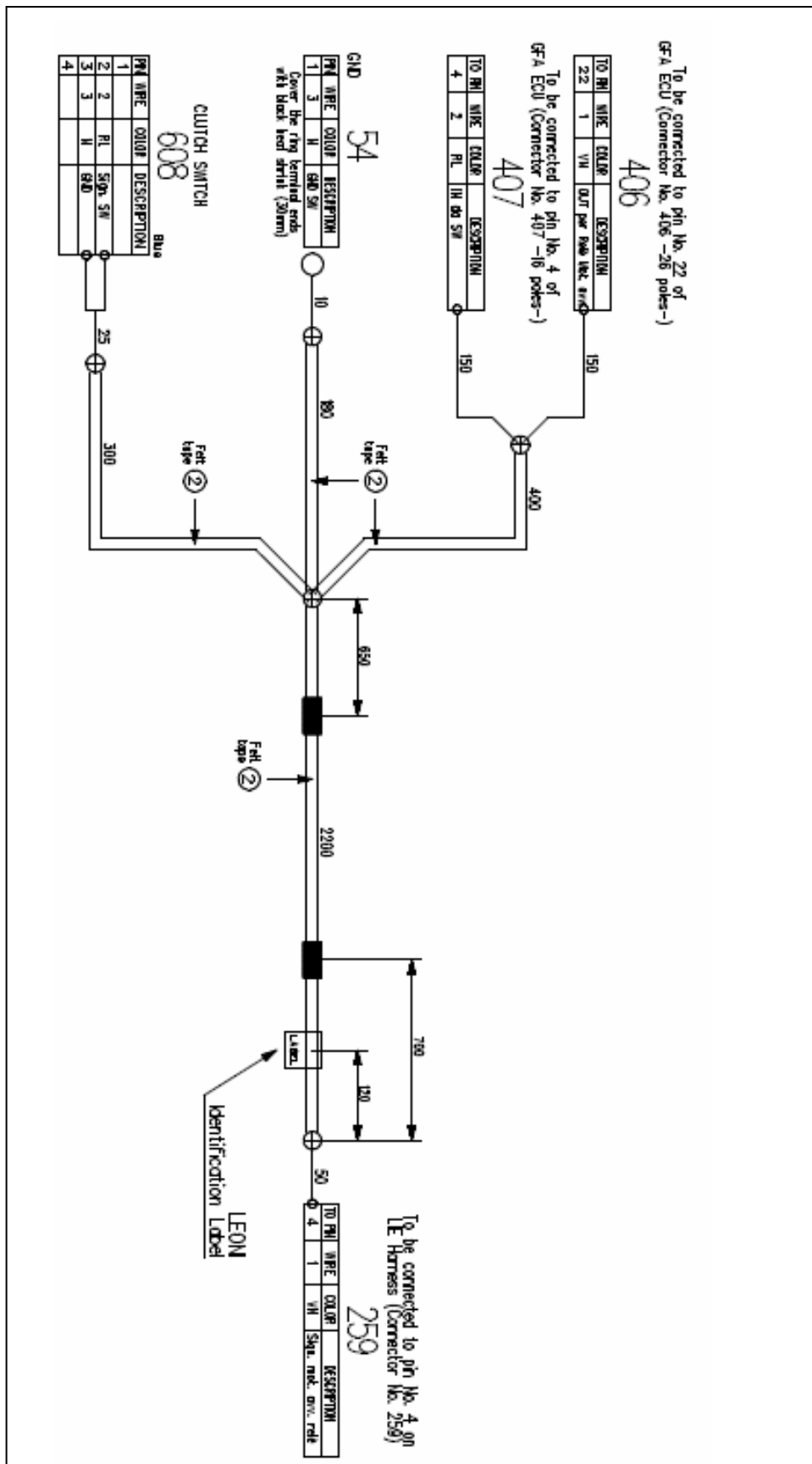
1.45 Lamborghini will then send a new PRG file for the vehicle. The GFA must be reflashed with the new PRG file (see also Workshop Manual Instructions 10 91 14).

1.46 Check that the engine can only be started with the clutch pedal fully depressed.

Your Area Manager is at full disposal for further information.

Best regards

Customer Service



Attachment : Electrical scheme of new wiring p/n 410971449.
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