The Wiring Diagram Technical Notes allow selection of the appropriate diagram marked:  corresponding to a faulty function.
Each Diagram is marked according to the vehicle affected, i.e.:

- the vehicle group (e.g. J64)
- the engine type which appears on the engine plate and the engine index (e.g. E7J 764)
- the date of vehicle manufacture. On each Wiring Diagram Technical Note there is a start date which determines the fabrication cut-off of the vehicles to which the Technical Note applies.
- More generally, vehicle criteria (e.g., DG, CA).

1 INTRODUCTION TO THE TECHNICAL NOTE

1.1 Index of functions 

This index allows you to use a diagram number to quickly find the title of the corresponding function. The index is organised in numerical order of diagrams.

1.2 Set of diagrams 

The set of diagrams is the section which incorporates all the Diagrams Applied.

The diagrams show the interior of the basic elements (switch, relay) and therefore assist in understanding the operation of the system and the fault finding procedure. You can find:

- the components marked by a number,
- the connector connections, marked by a letter followed by a number (R107),
- the earths, marked by a letter followed by a number or a letter (e.g., M4 or MG).

The diagrams are complemented by:

- the function of the wires in each connector (see ),
- the wiring routes, which allow you to locate the components on the vehicle,
- lists of criteria, components, unions, earths and connections which allow all the parts ofthe diagrams to be identified easily.

1.3 Fuse and relay boxes 

The section on fuse and relay boxes shows and explains the various fuse and relay boxes present on the vehicle; for each box, the following are specified:

- a diagram of the front and/or rear of the box,
- a list of fuses, their use, position and size.

1.4 Earth location diagrams 

The earth location diagrams display and locate the earth points present on the vehicle.

1.5 Parts lists 

The parts lists identify and describe all the connectors used in the vehicle wiring harness. Each parts list gives:

- a diagram of the connector, as well as filling the connector cells,
- a list of wires connected to the connector with their location in the cells,
- the cross-section of each wire,
- the function of each wire

A parts list can be found for each connector. The connectors are listed in the lists available in each Wiring Diagram Technical Note.

Conductor colours

- The basic electrical states are:

Red	+ 12 volts before ignition
Yellow	+ 12 volts after ignition
Blue	mandatory circuit or identifiers
Black	earth

- You may also find the following colours for the other conductors and connectors: white, blue, beige, crystal, grey, yellow, brown, black, orange, red, salmon-pink, green, purple.

BA	White	**JA**	Yellow	**RG**	Red
BE	Blue	**MA**	Brown	**SA**	Salmon
BJ	Beige	**NO**	Black	**VE**	Green
CY	Crystal or White	**OR**	Orange	**VI**	Violet
GR	Grey				

- + starter motor, intermittent earths and polarity inversions are not basic electrical states.
- The protective devices (fuses and thermal contacts) do not change the electrical state of the conductors.
- The wiring supplied with the devices does not always follow these rules.

1.6 Wiring routing

- The wiring routing locates the devices on the vehicle, the connectors and the wiring routing points.
- The letter N on the wiring routing indicates the wiring identification label.

1.7 Lists

- List of connections: allows the function of a wire to be identified from its code.
- List of components: allows an component on a diagram to be identified from its code.
- List of earths: allows an earth on a diagram to be identified from its code.
- List of connections: allows a connection connector on a diagram to be identified from its code.
- List of criteria: allows a criterion on a diagram to be identified from its abbreviation. The list explains its meaning in unabbreviated terms.

1.8 Online help 

The online help allows you to plan the use of NTSE Visu to complement the educational software.

1.9 Other references

- **Technical Note 8074** gives details of the various operation techniques, including the new connections. It also includes an assortment of tools vital for correct repair. Consult this before carrying out any operation on the connectors.
- **Technical Note 8075** describes the actions associated with the use of thermoretractable sleeve tubes for wiring repair.
- The **PR 830** and the document entitled "**Professional product**" refer to and describe all the electrical equipment.

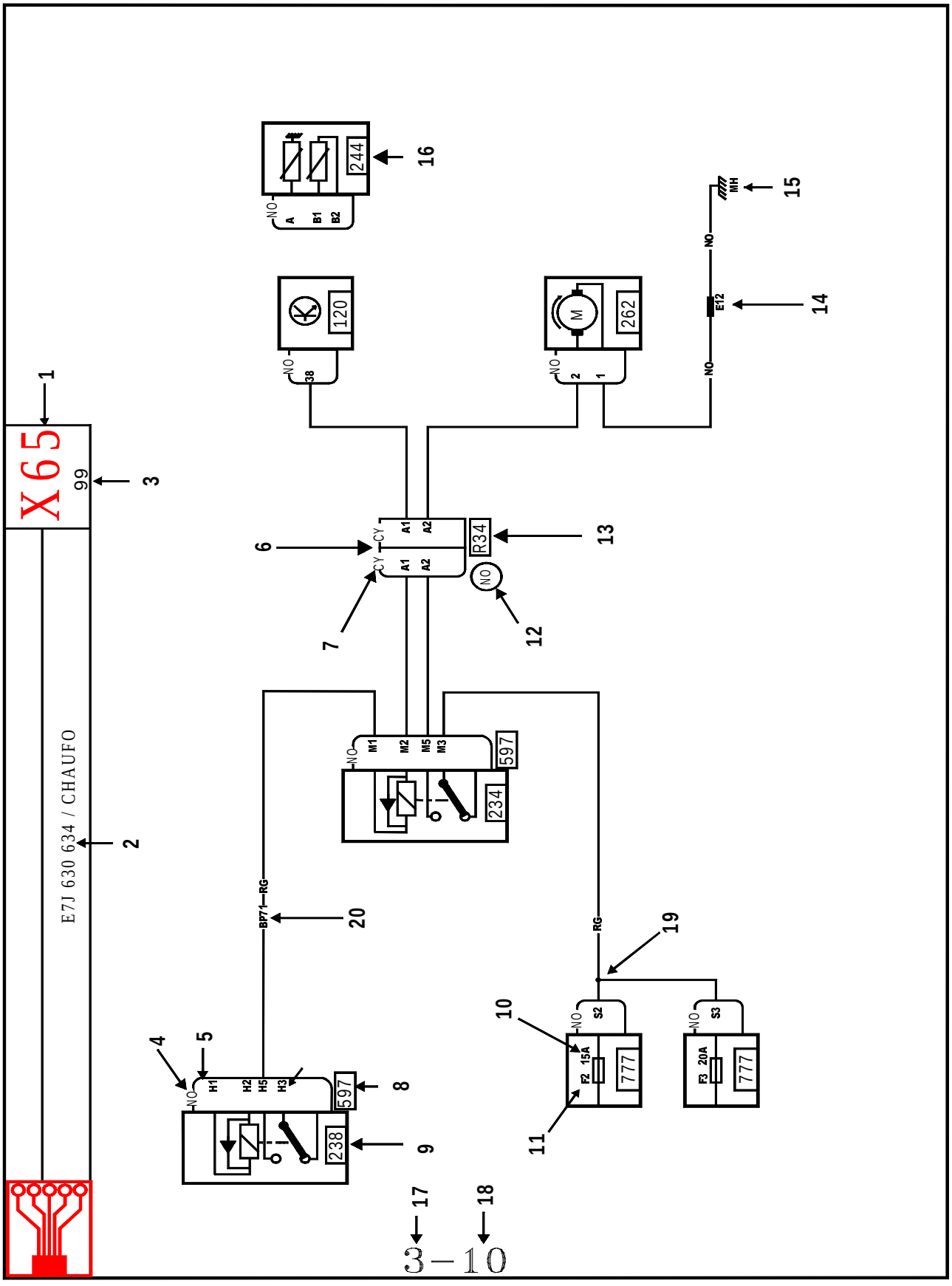
2 USING THE TECHNICAL NOTE

2.1 How to read a diagram:

(an example of the diagram is given on the enclosed page)

1	Vehicle type.
2	Diagram selection criteria.
3	Current year.
4	Colour of the connector.
5	Illustration of the connector.
6	Illustration of the connection.
7	Socket colour.
8	Number of the board to which the device is connected.
9	Device number.
10	Fuse rating.
11	Position of the fuses on the board.
12	Colour of the module base.
13	Connection number.
14	Splice number.
15	Earth number.
16	Secondary device.
17	Section number.
18	Card number.
19	Illustration of a union.
20	Connection code (allows the function of a wire to be identified), see list of connections.

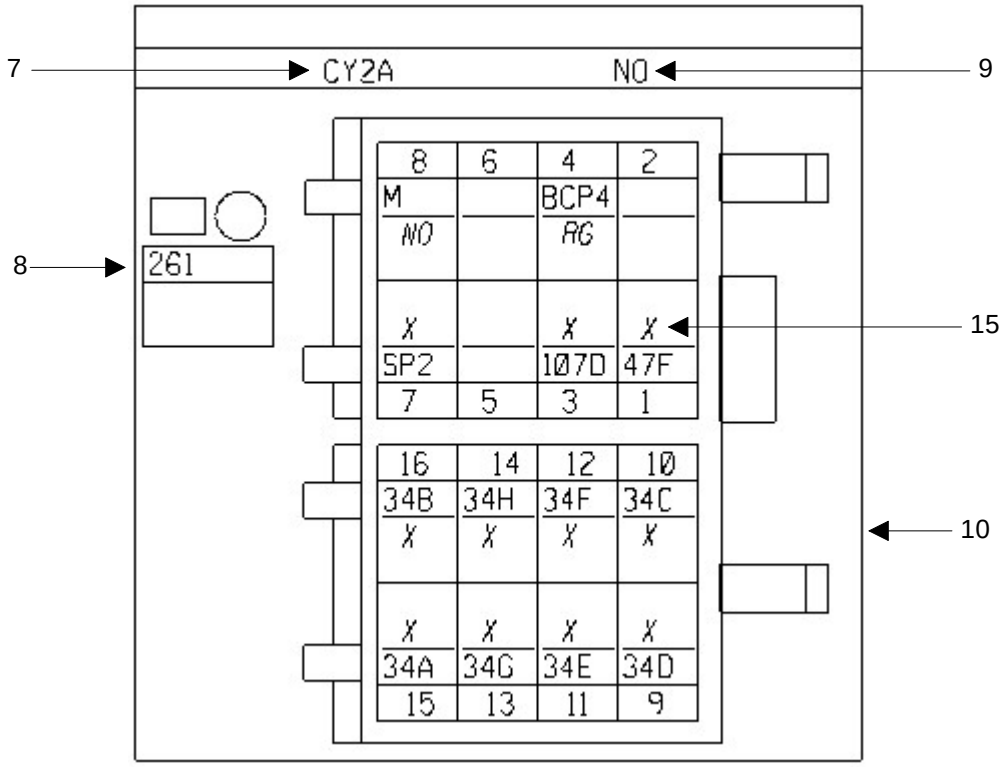
NB:Secondary device:In the diagram given, the secondary device transmits the information to the computer which will control the relay.For more details on the links between the device and the computer, you should refer to the corresponding diagram.

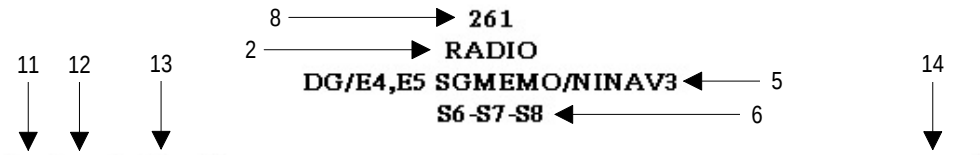

X65
99
E7J 630 634 / CHAUFO
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
244
120
262
R34
597
234
238
777
15A
20A
BP71 RG
RG
3-10

2.2 How to read a parts list

(An example of a parts list can be found on the enclosed page)

1	Symbol of parts list cards.
2	Connector designation.
3	Wiring designation.
4	General wiring criteria.
5	Connector particular criteria.
6	N° of wiring route where the connector will be located.
7	Connector codification (for manufacturing purposes only).
8	Device number.
9	Colour of the connector.
10	Graph showing the connector.
11	N° of cells used.
12	Section of wire connected to the cell.
13	Wire connection code. (allows the function of a wire to be identified), see list of connections.
14	Designation of wire function.
15	The cross indicates that there is a wire in the cell, two crosses = two wires. In the new parts lists, only the wire colours with basic status are shown (Red, Yellow, Black, Blue). **A cross in the cell shows that a wire of another colour is present.**





N°	mm²		... → ...
1	0.35	47F	SIGNAL VITESSE VEHICULE
3	0.35	107D	SIGNAL RADIO TELEPHONE COUPURE RADIO
4	1.0	BCP4	+ BATTERIE COUPE-CIRCUIT PROTEGE FUSIBLE MEMOIRES
7	1.0	SP2	+ SERVITUDE PROTEGE > RADIO
8	2.5	M	MASSE
9	1.0	34D	SIGNAL+ HAUT-PARLEUR ARRIERE DROIT
10	1.0	34C	SIGNAL- HAUT-PARLEUR ARRIERE DROIT
11	1.0	34E	SIGNAL+ HAUT-PARLEUR AVANT DROIT
12	1.0	34F	SIGNAL- HAUT-PARLEUR AVANT DROIT
13	1.0	34G	SIGNAL+ HAUT-PARLEUR AVANT GAUCHE
14	1.0	34H	SIGNAL- HAUT-PARLEUR AVANT GAUCHE
15	1.0	34A	SIGNAL+ HAUT-PARLEUR ARRIERE GAUCHE
16	1.0	34B	SIGNAL- HAUT-PARLEUR ARRIERE GAUCHE