

LOCATION OF EARTHS

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GENERAL DESCRIPTION

The following diagrams show the different earths present on the vehicle and the connecting cables for each of them; each cable shows the circuit to which it refers and the component earthed through that line.

The earths shown are the following:

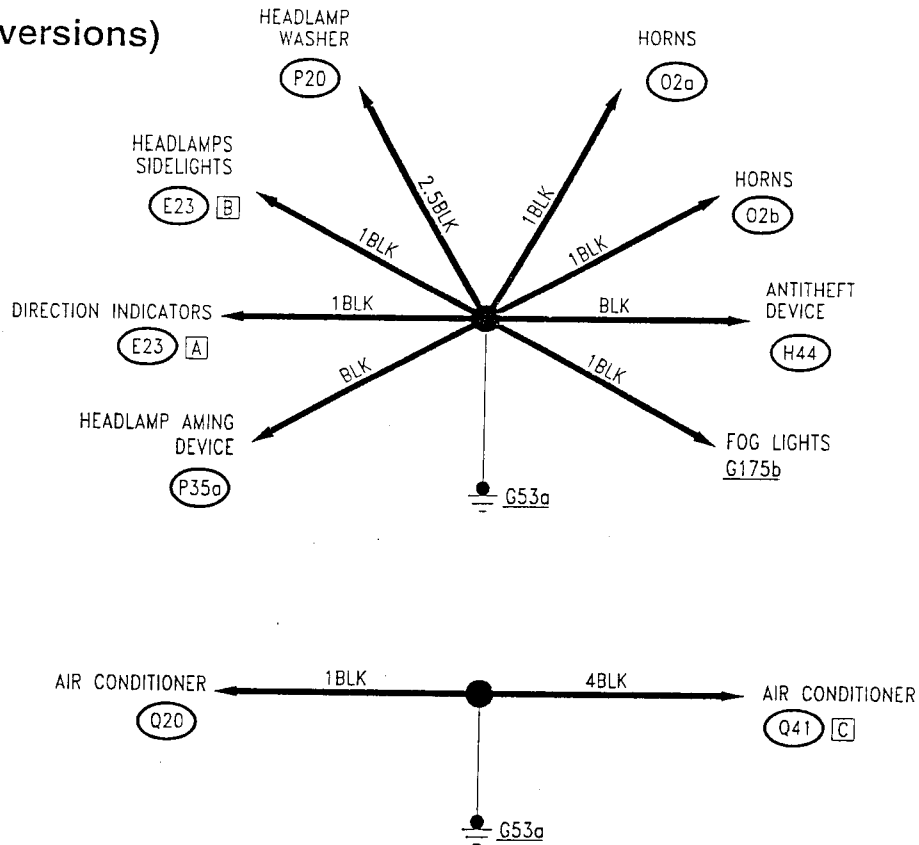
- **G53a** Right-hand engine compartment earth
- **G53b** Left-hand engine compartment earth
- **G55a** Right-hand side panel earth
- **G55b** Left-hand side panel earth
- **G60** Injection wiring earth
(**G60a/b**)
- **G63a** Right-hand rear earth
- **G63b** Left-hand rear earth

- **G106** Seat cross rail earth
- **G109** Injection wiring earth
- **G143** Centre services tray earth
- **G148b** Earth under left-hand dashboard
- **G267** Earth on crankcase
- **G318** Earth on gearbox
- **G381** Airbag earth

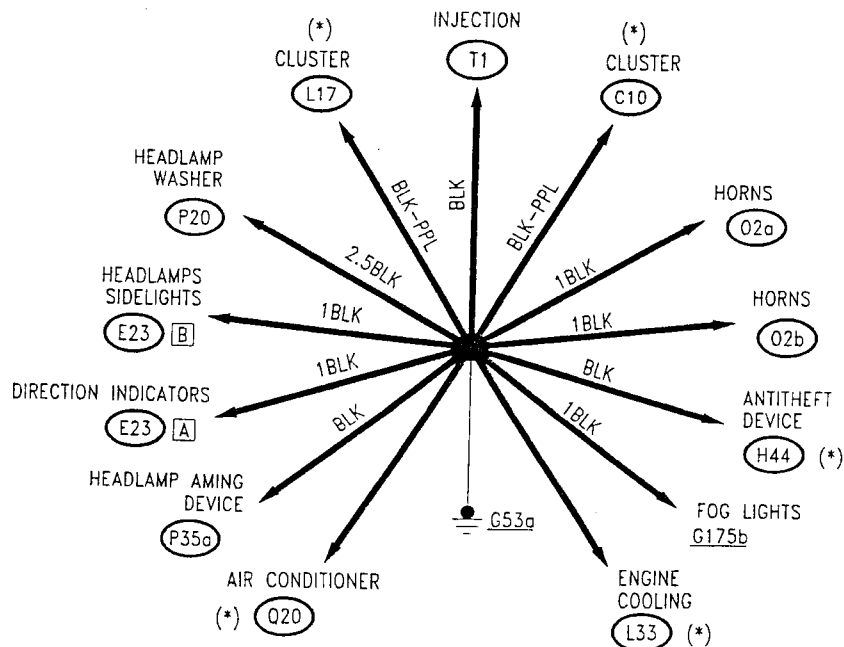
NOTE: Using these diagrams it is easy to locate those circuits which are connected to earth by the same line: this simplifies faultfinding work in the event of problems affecting more than one system: for instance the oxidation of an earth can put several circuits and numerous functions out of order contemporaneously.

WIRING DIAGRAMS

G53a (Boxer versions)



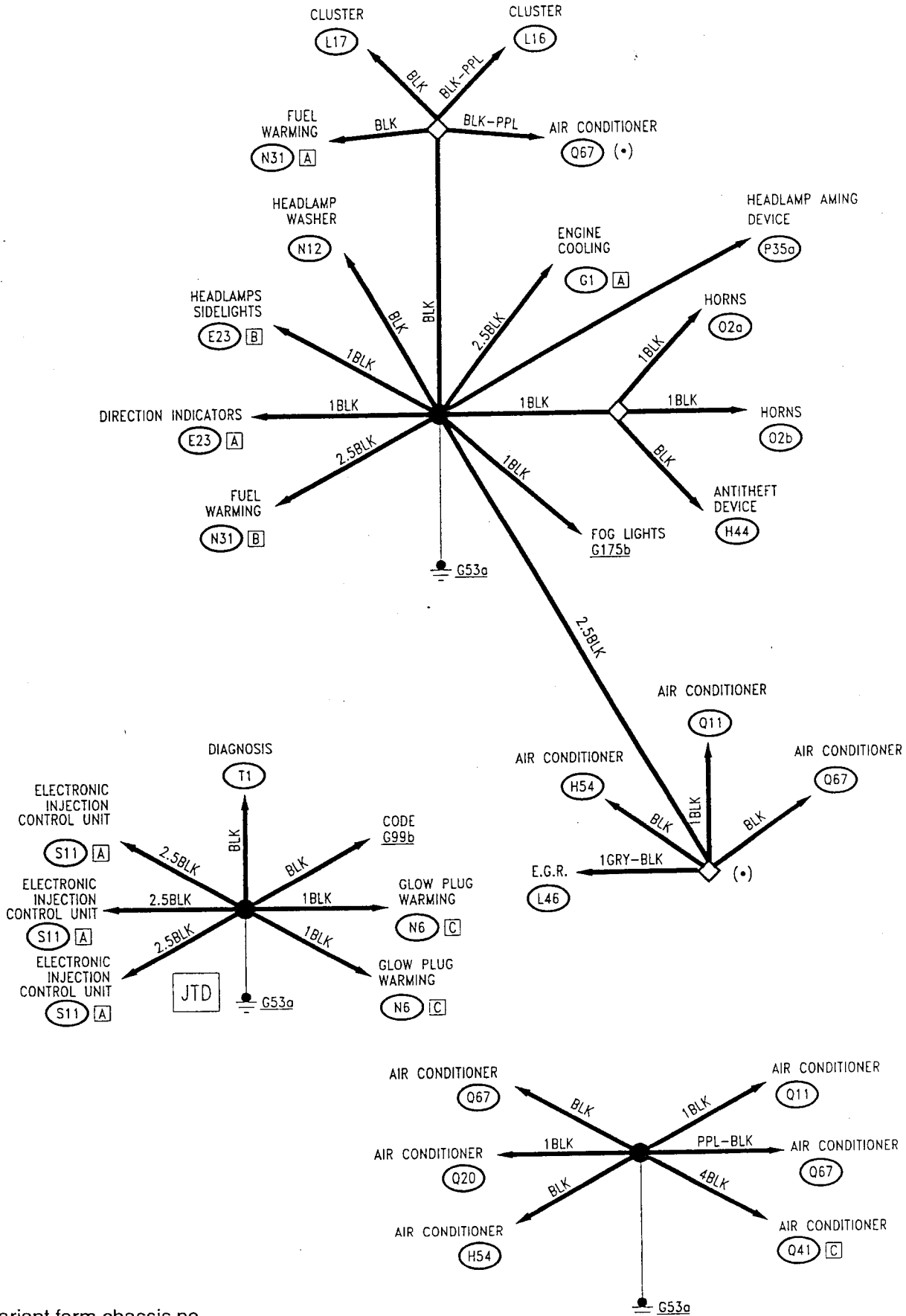
G53a (T.SPARK version)



(**) from chassis no. 4065018

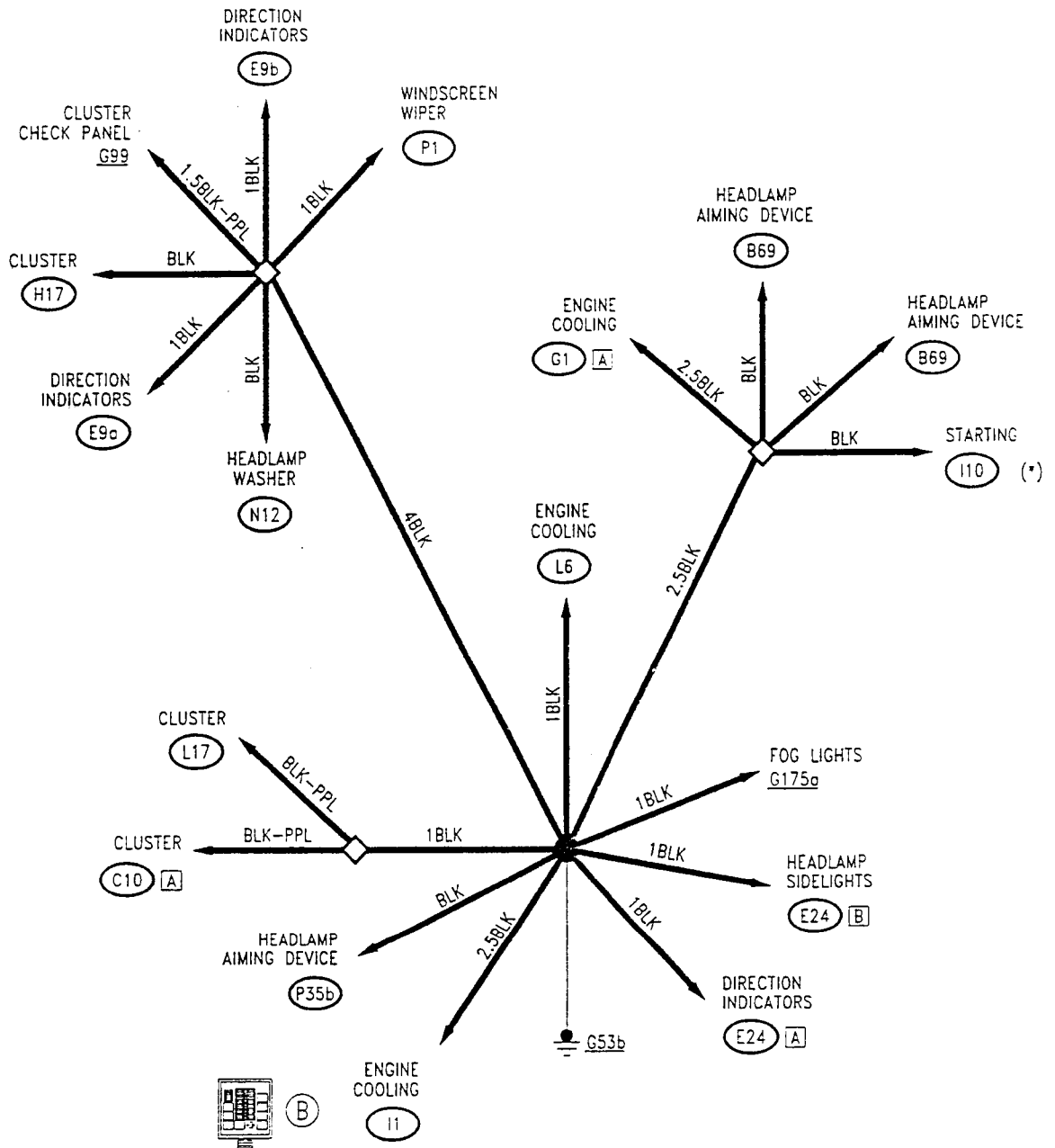
(*) up to chassis no. ___

G53a (TD, TD-CAT, JTD version)



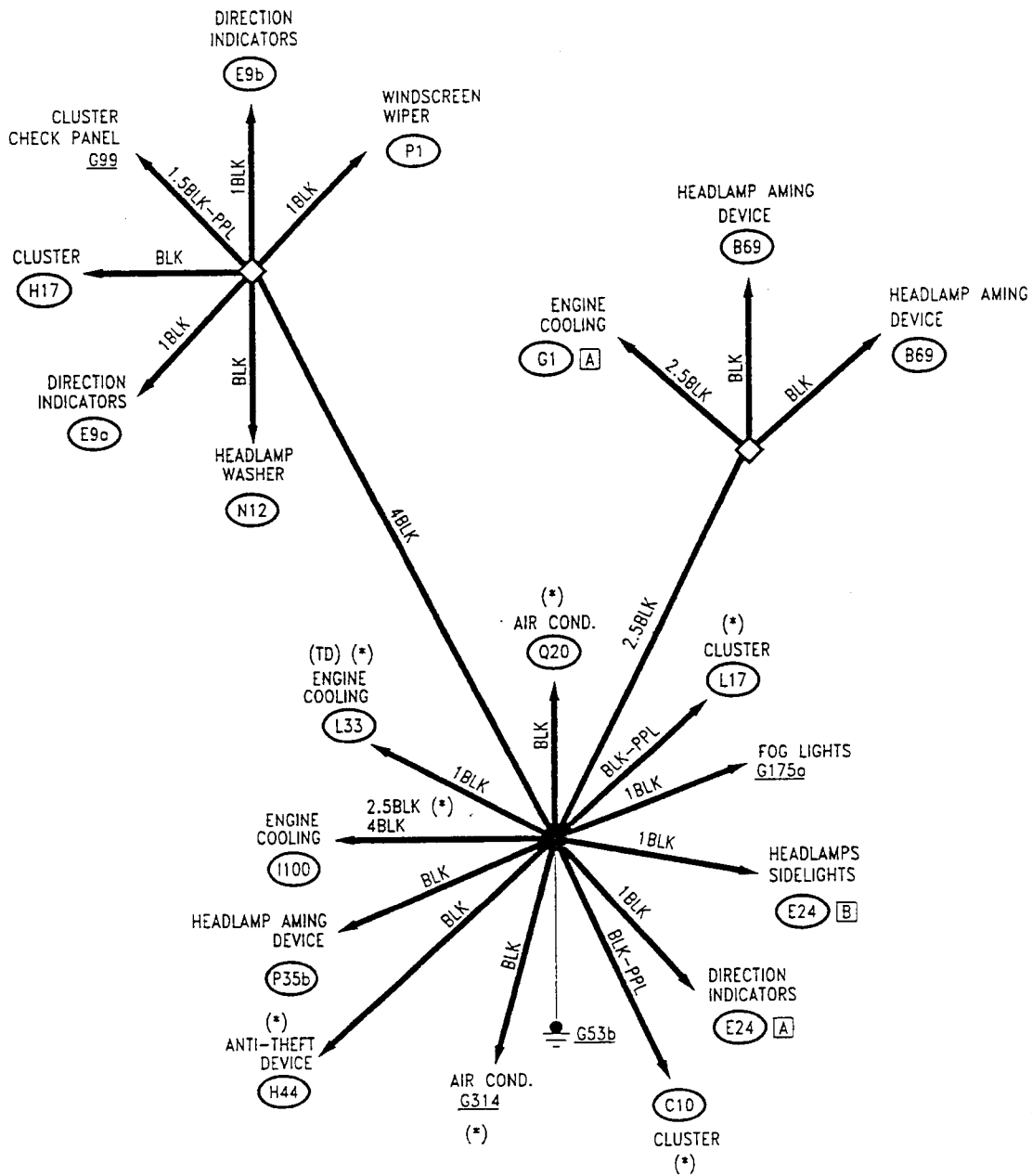
(*) Variant form chassis no....

G53b (Boxer versions)



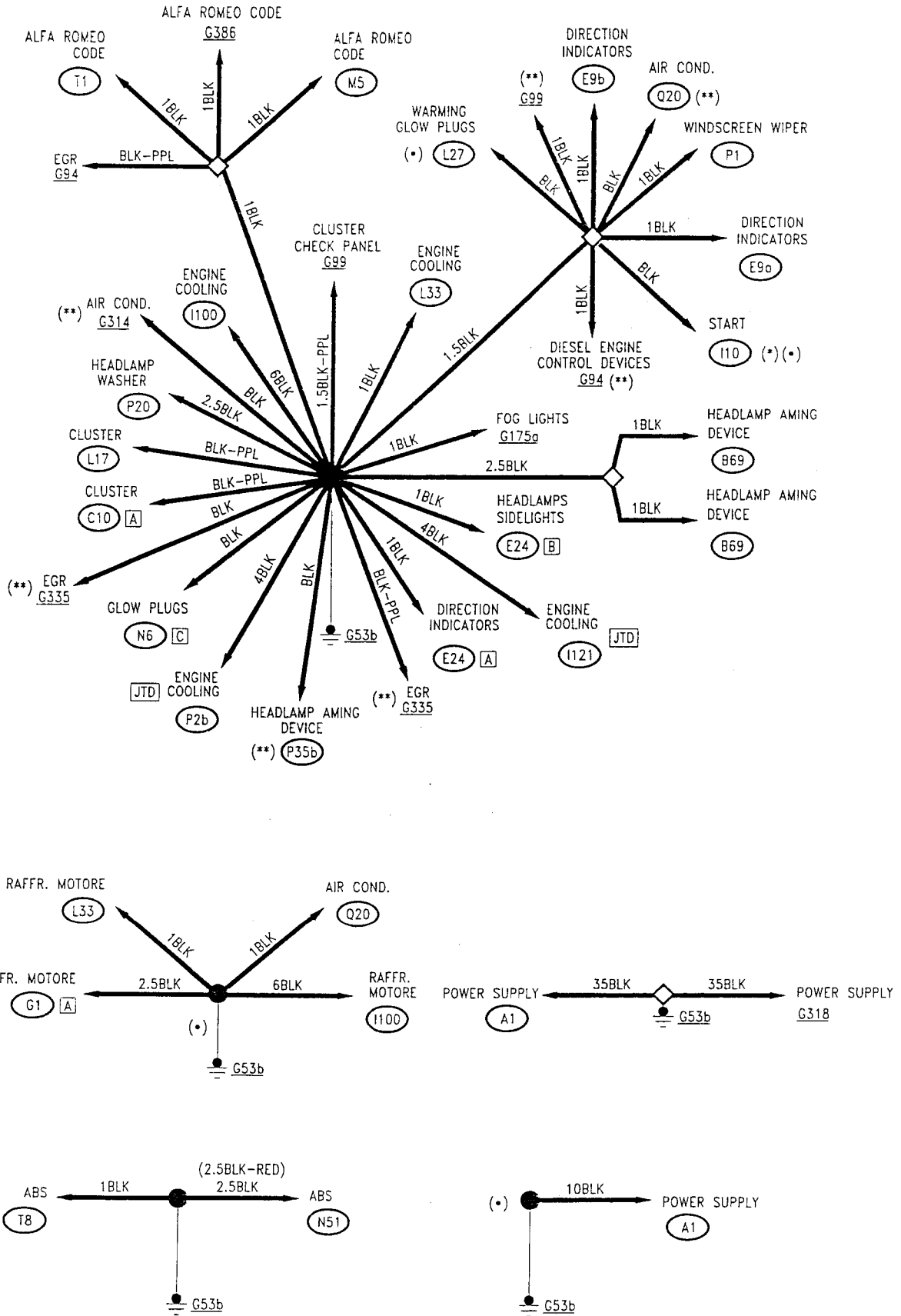
(*) Versions without ALFA ROMEO CODE

G53b (T.SPARK version)



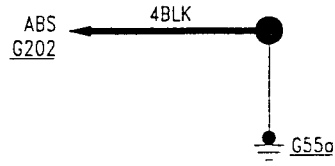
(*) from chassis no. ___

G53b (TD, TD-CAT version)



- (*) Only versions without ALFA ROMEO CODE
- (*) Variant from chassis no....
- (•) Variant from chassis no....

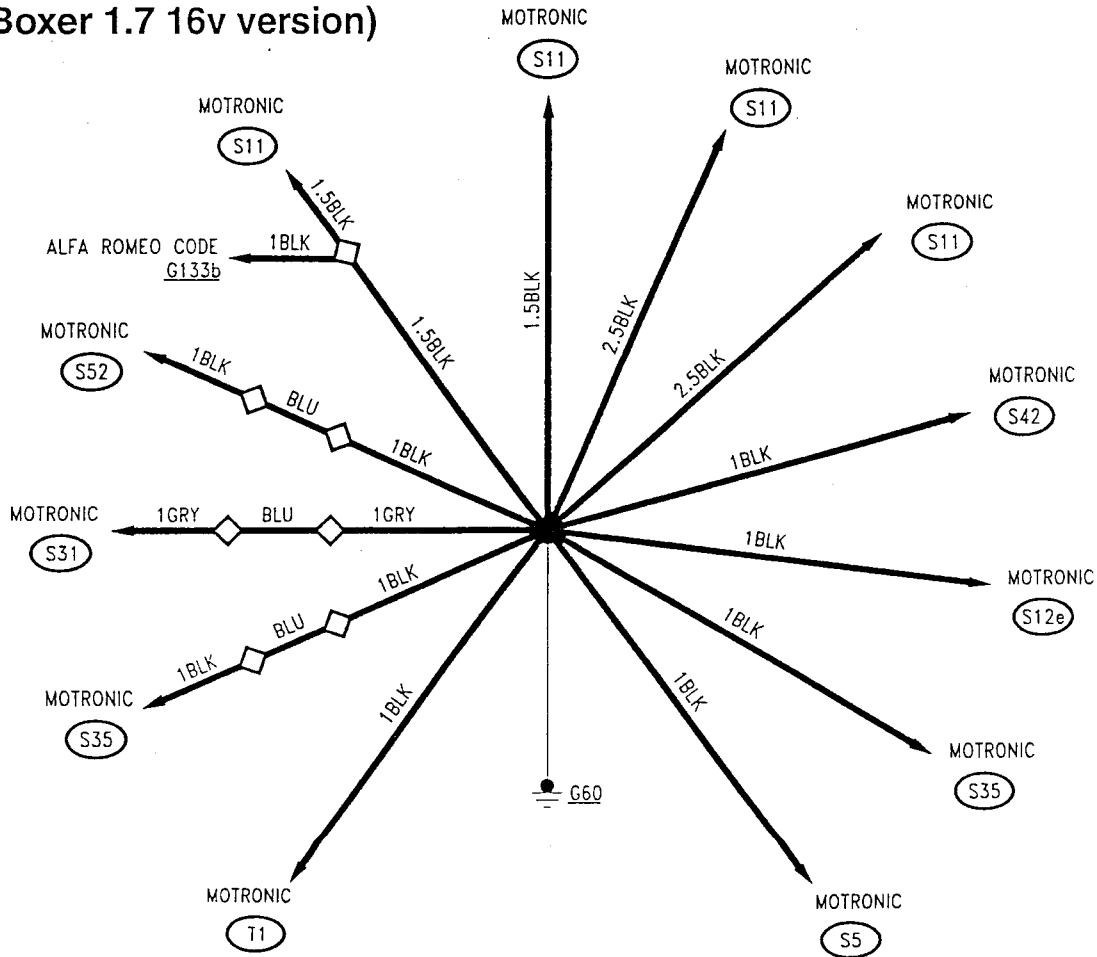
G55a (Boxer versions)



G55b (TD, T.SPARK and JTD version)

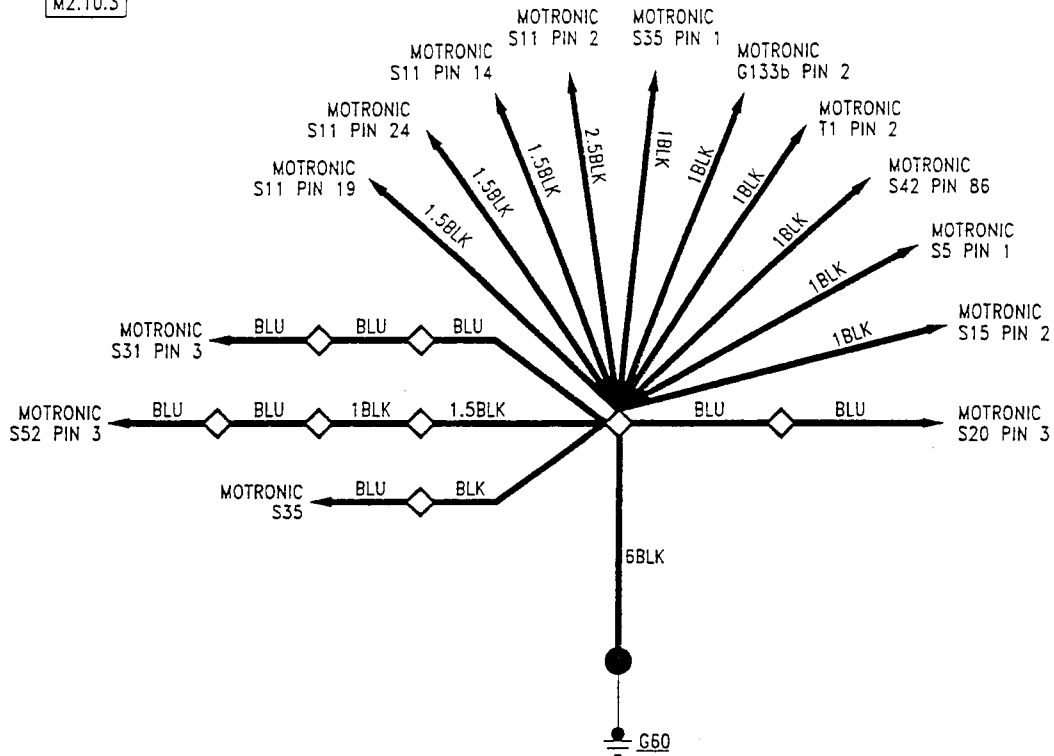


G60 (Boxer 1.7 16v version)

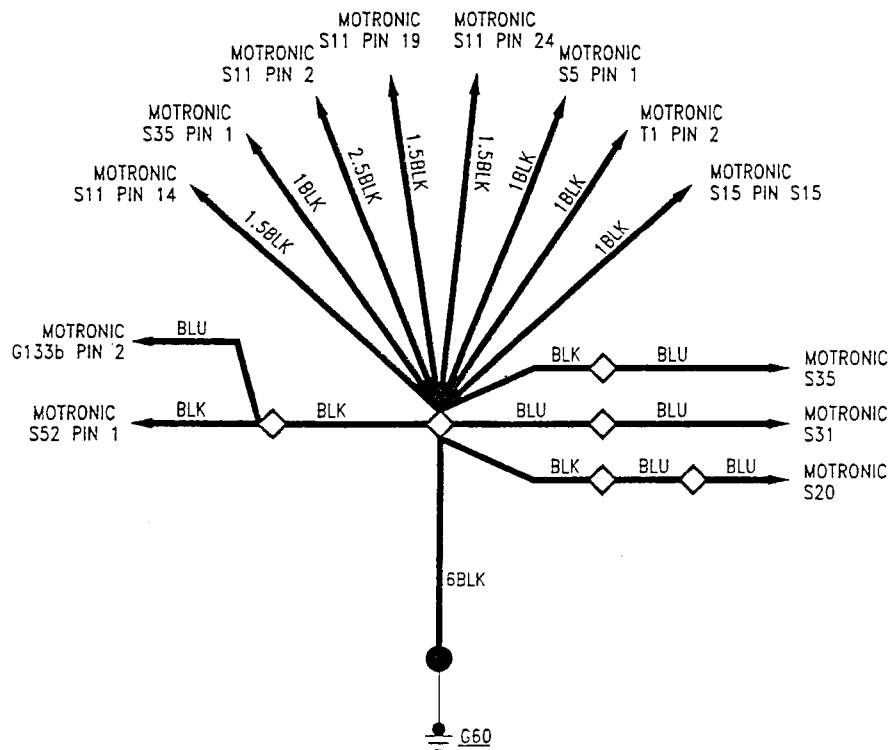


G60 (T.SPARK Version)

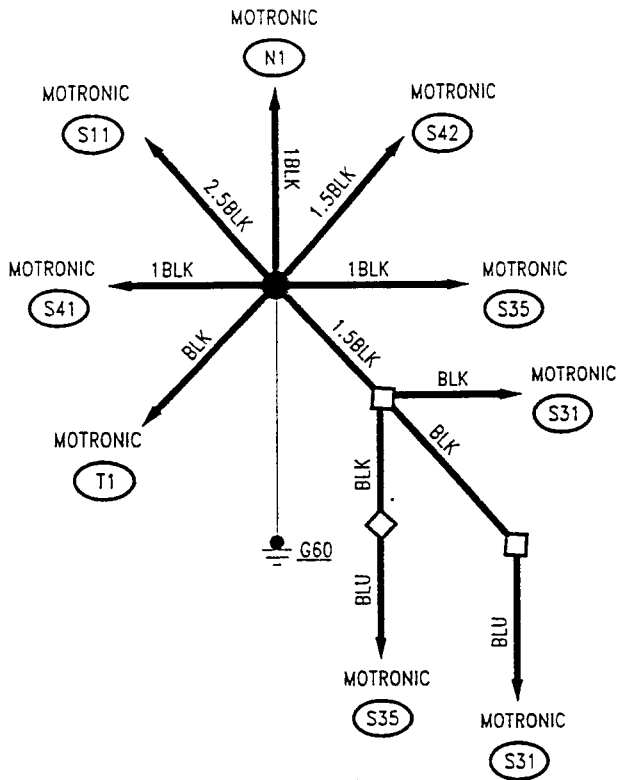
M2.10.3



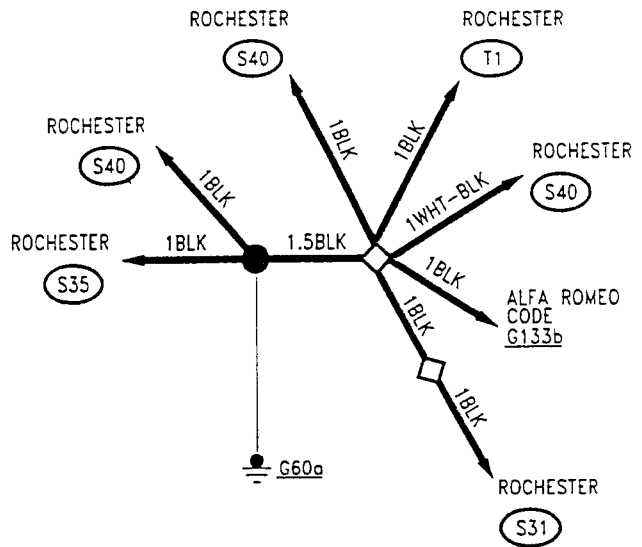
M2.10.4



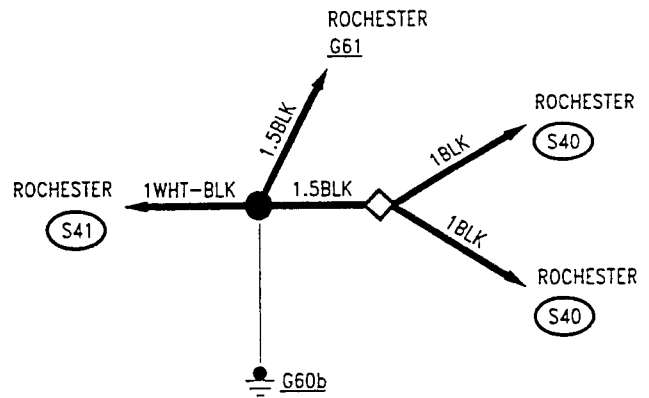
G60 (Boxer 1.6 - MP31 version)



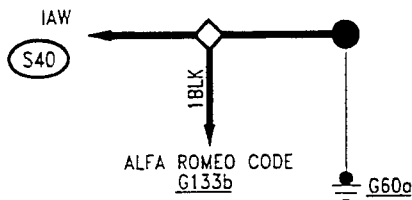
G60a (Boxer 1.6 - Rochester)



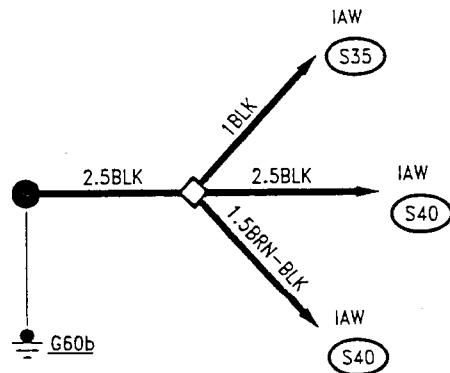
G60b (Boxer 1.6 - Rochester)



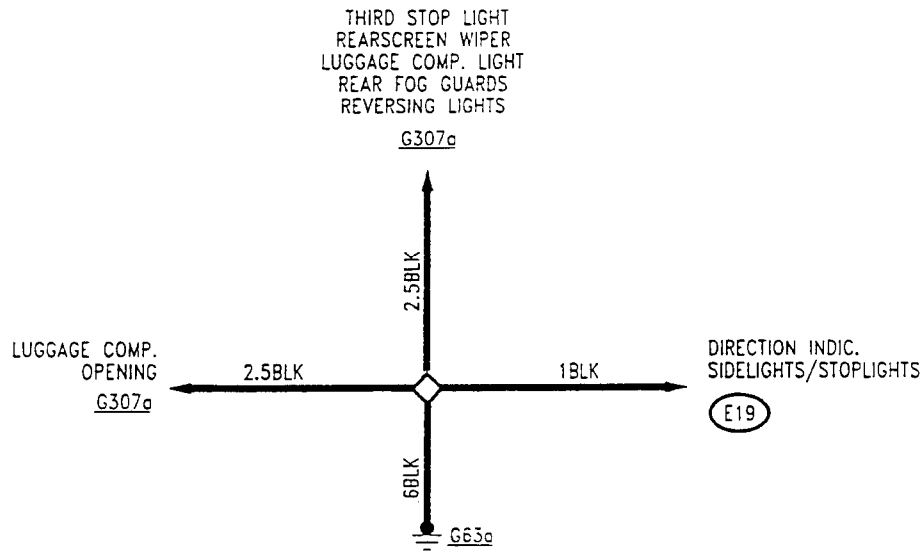
G60a (Boxer 1.3 version)



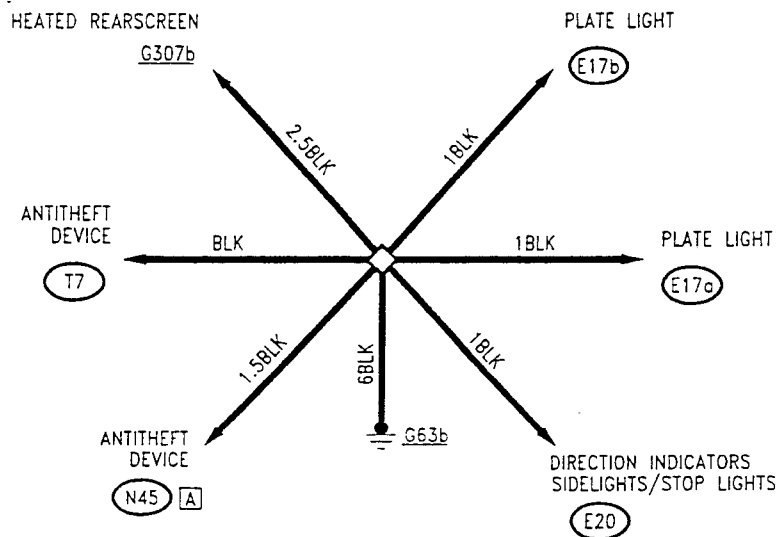
G60b (Boxer 1.3 version)



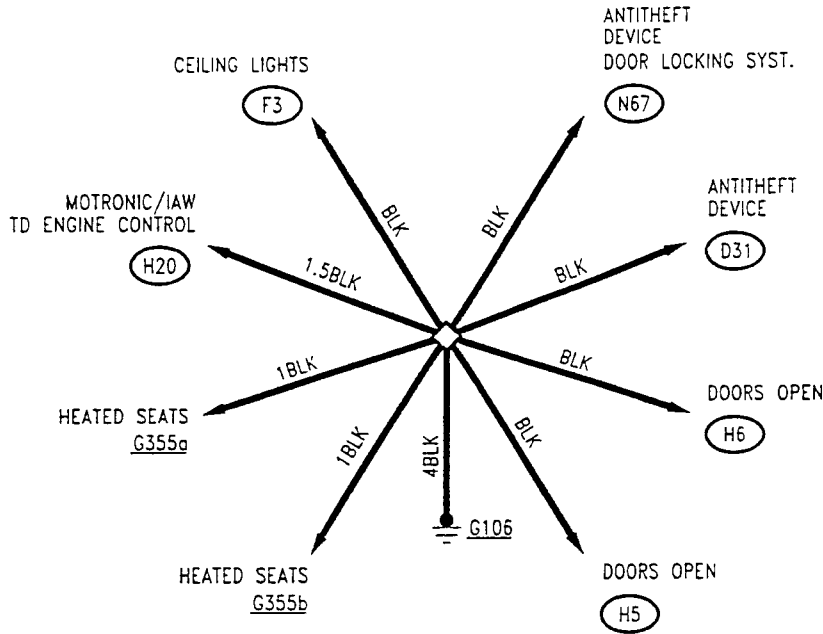
G63a



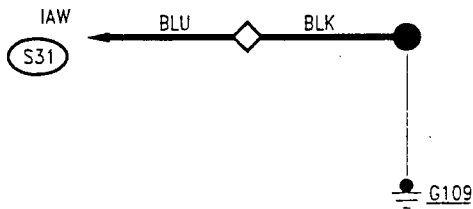
G63b



G106



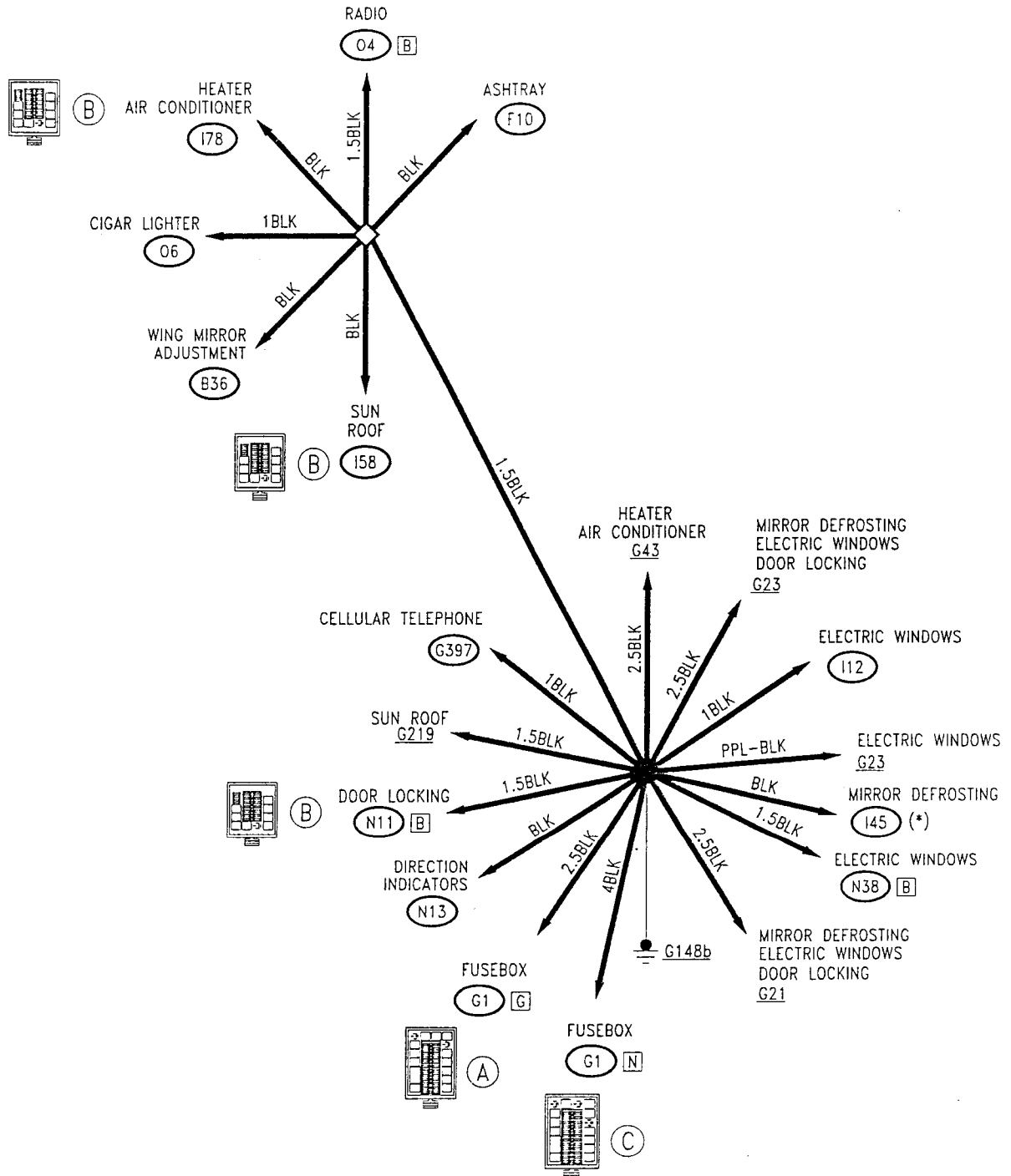
G109 (Boxer 1.3 version)



G143 (Boxer versions)

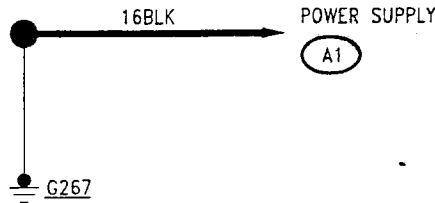


G148b

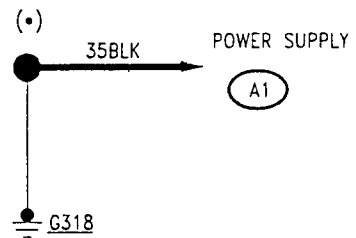
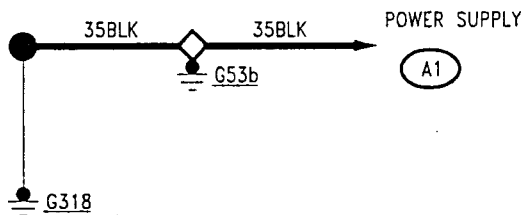


(*) from chassis no. ___

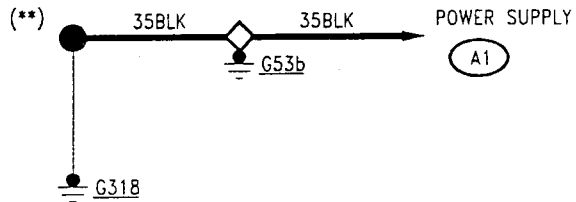
G267 (Boxer versions)



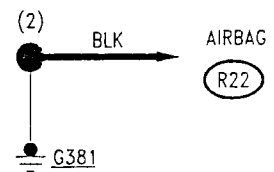
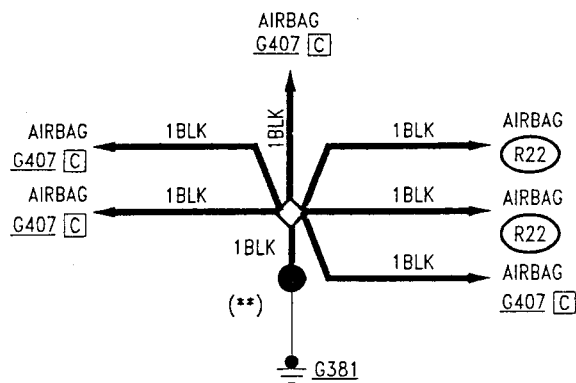
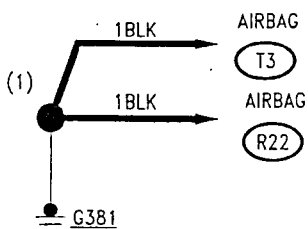
G318 (TD version)



G318 (T.SPARK version)



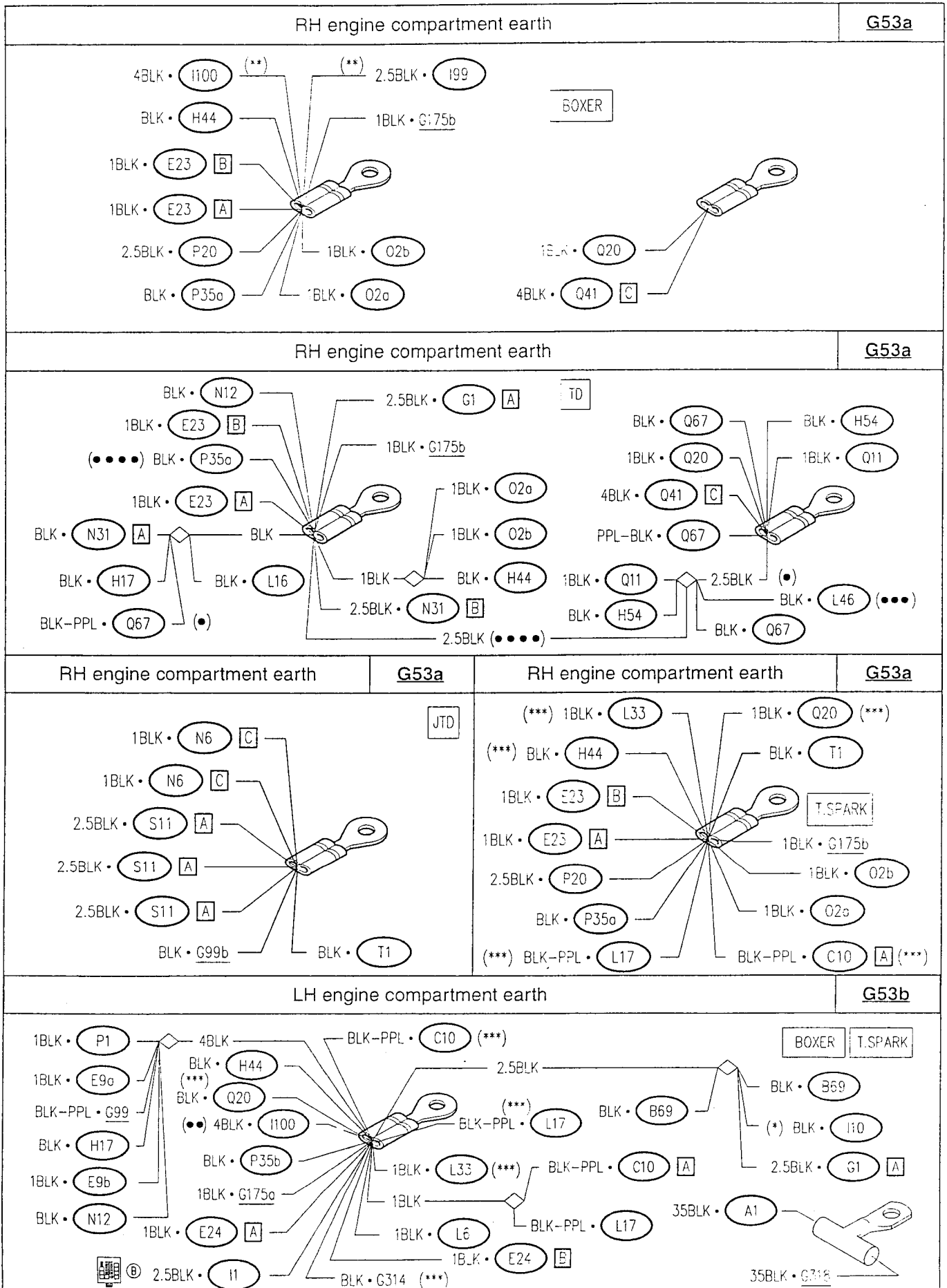
G381



- (•) Variant from chassis no...
- (*) Up to Model Year '97
- (**) From Model Year '98

- (1) control unit TRW
- (2) control unit BECKER

COMPONENTS AND CONNECTORS

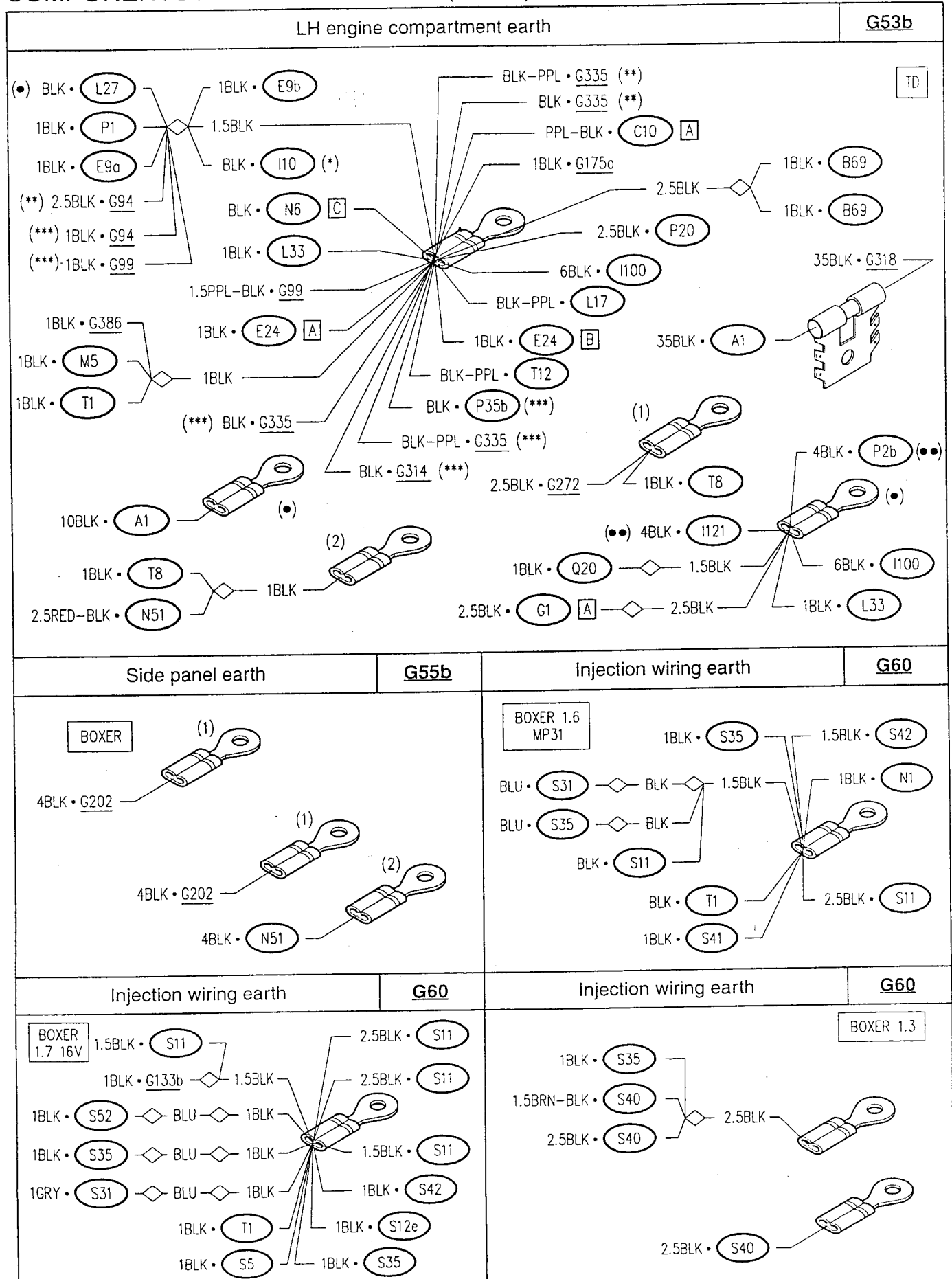


(•) Versions without ALFA ROMEO CODE
 (••) From chassis no. 4065018

(•••) From chassis no.

(•) TD from chassis no...
 (••) Variant for T.SPARK version
 (•••) TD-CAT
 (••••) TD from chassis no...

COMPONENTS AND CONNECTORS (cont.d)



(•) Versions without ALFA ROMEO CODE
 (1) ABS 2E/(2) ABS 5.3

(••) TD from chassis no...
 JTD
 TD-CAT
 TD from chassis no...

COMPONENTS AND CONNECTORS (cont.d)

<p>Injection wiring earth</p> <p>BLU • S20 BLU • S52 BLU • S31 BLU • S35 1BLK • T1 1BLK • S42 1BLK • G133b 1.5BLK • S11 2.5BLK • S11</p> <p>1.5BLK • S11 6BLK 1BLK • S5 1BLK • S35 1BLK • S15 T.SPARK M2.10.3</p>	<p>G60</p>	<p>Injection wiring earth</p> <p>BLK • G133b BLK • S52 BLU • S31 BLU • S35 BLU • S31 1BLK • T1 1.5NRO • S11 2.5BLK • S11</p> <p>1.5BLK • S11 6BLK 1BLK • S5 1BLK • S35 1BLK • S15 T.SPARK M2.10.4</p>	<p>G60</p>
<p>Injection wiring earth</p>		<p>G60</p>	
<p>1WHT-BLK • S40 1BLK • S40 1BLK • T1 1BLK • G133b</p> <p>1BLK • S40 1BLK • S35 1.5BLK 1BLK • S31</p>		<p>BOXER 1.6 ROCHESTER</p> <p>1BLK • S40 1BLK • S40 1.5BLK 1WHT-BLK • S41 1.5BLK • G61</p>	
<p>Injection wiring earth</p>		<p>G60</p>	
<p>1BRN • S52 1BRN • G133a</p> <p>1.5BLK 2.5BRN 4BRN</p> <p>M1.5.5</p>		<p>G60</p>	
<p>RH rear earth</p>	<p>G63a</p>	<p>LH rear earth</p>	<p>G63b</p>
<p>1BLK • E19 2.5BLK • G307a 2.5BLK • G307a</p> <p>6BLK</p>		<p>1.5BLK • N45 1BLK • E20 2.5BLK • G307b 1BLK • E17a 1BLK • E17b</p> <p>6BLK BLK • T7</p>	

COMPONENTS AND CONNECTORS (cont.d)

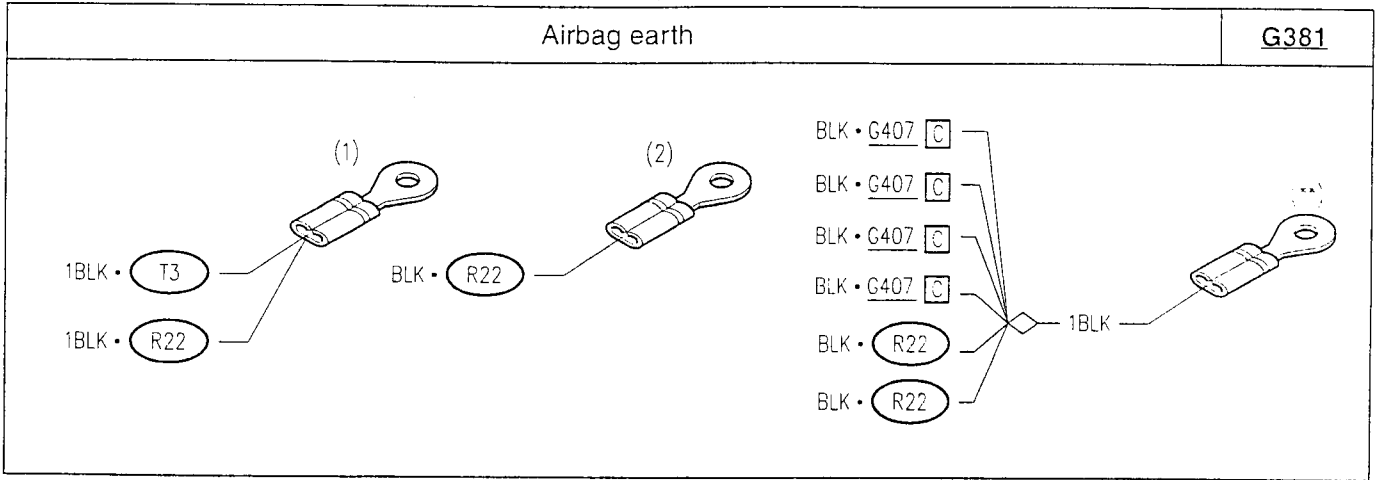
Seat cross rail earth	G106	Injection wiring earth	G109
Centre services tray earth			G143
Earth under LH dashboard			G148b
Earth on crankcase	G267	Earth on gearbox	G318

(•) From chassis no...

(*) From M.Y. '97

(**) From M.Y. '98

COMPONENTS AND CONNECTORS (cont.d)



(•) From chassis no...
 (°) From M.Y.'97
 (**) From M.Y.'98

(1) BECKER control unit
 (2) TRW control unit

LOCATION OF EARTHS ON THE CAR

