



VOLVO S60 (11-), V60, XC60, S80 (07-), V70 (08-) & XC70

WIRING DIAGRAM 2013



TP 39260202 Structure week 12w46

Vehicles with SRS (Airbag)/SIPS bag/IC (Inflatable curtain)

Warning!

Extra caution must be exercised when working on vehicles equipped with SRS/SIPS bag/IC in order to avoid:

1. Personal injuries when performing repair work.
2. Damage or malfunction of the SRS/SIPS bag/IC system.

Work involving the SRS/SIPS bag/IC systems or other components in the vehicle that may affect the SRS/SIPS bag/IC systems must always be performed by an authorized Volvo workshop.

In case of doubt, consult the SRS and SIPS bag/IC service manual.

Is the vehicle equipped with SRS/SIPS bag/IC?

Vehicles with SRS are most easily recognized by the letters SRS in the center of the steering wheel. If the vehicle also has a passenger side airbag, the letters SRS are stamped on the dashboard above the glove compartment. SRS vehicles from 1993 and onward also have explosive seat belt tensioners. SIPS bags are only installed on SRS vehicles from 1995 and onward. SIPS bag decals are located on the windshield and seat compartment. Vehicles with IC can be recognized by the letters IC on the C/D panel (4 door) or the B panel (5 door).

General recommendations

- Be especially careful when working on or around SRS, SIPS, and IC components.
- Make sure that no wires are pinched, frayed, or pierced.
- Never fit accessories by the sensors.
- Where applicable, work on the steering wheel, steering shaft, or steering gear must be done in accordance with the methods in the SRS section of VIDA.
- Certain components of the aforementioned systems must be grounded while working. Read the appropriate sections in VIDA.
- Do not install any accessories in the areas between the A and B-posts, the B and C-posts, and the C and D-posts.

Test terminal

Fuse in cargo compartment auxiliary fuse box

Changes introduced up to and including structure week 12w46

Any changes made to the vehicle after this date are not included in the manual. If necessary, refer to service bulletins.

Volvo models are sold in versions adapted for different markets. These adaptations depend on factors such as legal requirements, taxation, and market demands.

This manual may therefore include illustrations and text that do not apply to the vehicles in your country.

Ordering:

Electronic Wiring Diagrams (EWD) can be ordered from the Technical Information Shop (TIS)
We retain the right to make modifications.

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Explanations & Abbreviations

Groups

Group 26	= Cooling system
Group 27	= Engine controls
Group 28	= Ignition and control system
Group 32	= Alternator and voltage regulator
Group 33	= Starting system
Group 35	= Lighting
Group 36	= Additional electrical equipment
Group 37	= Wiring and fuses
Group 38	= Instruments
Group 39	= Other
Group 43	= Transmission
Group 55	= Parking brake
Group 59	= Brake system
Group 64	= Steering
Group 76	= Shock absorbers
Group 83	= Doors and openings
Group 84	= Exterior decorative elements, etc.
Group 85	= Interior equipment
Group 87	= Climate control system
Group 88	= Internal equipment
Group 89	= Body other

Designations ignition switch

X	= Accessories (audio position)
S	= Powered upon insertion of key
15	= The switch remains connected during start
15I	= Contact is broken while starting
30	= Constant power from the battery
50	= Start

Countries/Markets

A	= Austria
AUS	= Australia
B	= Belgium
CDN	= Canada
CH	= Switzerland
D	= Germany
DK	= Denmark
E	= Spain
EU/OS	= Markets outside USA and Canada
FIN	= Finland
GB	= Great Britain
ISR	= Israel
J	= Japan
KOR	= Korea
N	= Norway
NL	= Netherlands
S	= Sweden
USA	= United States of America
WEU	= Western Europe

Other

ACC	= Adaptive Cruise Control
Ag	= Silver plated
Au	= Gold plated
AUTO	= Automatic transmission
BLIS	= Blind Spot Information System
CAN	= CAN communication
DPY	= Display
ECC	= Electronic climate control system
ETA	= Throttle unit
EXC	= Exclusive
GDL	= Gas discharge lamp
HS	= High speed data bus
KEYLESS	= Keyless vehicle
IR	= Infrared sensor
LIN	= LIN communication
LH	= Left-hand side
LHD	= Left-hand drive
MAN	= Manual transmission
MEMORY	= Memory driver's seat
MIRCAM	= Parking camera in rear-view mirror
MS	= Midspeed data bus
MMS	= Mass Movement Sensor
PANROOF	= Panoramic roof
PETROL	= Gasoline
RH	= Right-hand side
RHD	= Right-hand drive
RTI	= Road Traffic Information
SCR	= Screened
SRS	= Airbag
T	= Turbo engine
W/O	= Without
2WD	= Two-wheel drive
4CYL, I4	= 4-cylinder engine
5CYL, I5	= 5-cylinder engine
6CYL, I6	= 6-cylinder engine

Colors

BK, SB	= Black
BN	= Brown
BU, BL	= Blue
GN	= Green
GY, GR	= Gray
LGN	= Light Green
NL	= Natural
OG, OR	= Orange
PK, P	= Pink
RD, R	= Red
VT, VO	= Violet
WH, W	= White
YE, Y	= Yellow

How to use the wiring diagrams 1:2

The descriptions below apply in general to all wiring diagram manuals, although not all sections are necessarily contained in this manual.

A. Component designation

Every component has a component designation that consists of two parts.

The first part is a type number that describes the type of component in question, for example 3/xx.

The second part of the designation is a serial number, for example x/2.

Combined these give a component designation, for example 3/2.

At the end of the manual is a list of components, where, with the help of the component designation, you can read off the name of the component, for example, 3/2 = light switch.

List of type numbers

The list shows which type of component that respective type numbers refer to, for example, 3/x = switch, 6/x = electric motor, etc.

1	Battery
2	Relay
3	Switch
4	Control module
5	Driver Information Module
6	Electric motor
7	Sensor
8	Actuator
9	Heating element
10	Light
11	Fuse
15	Electrical distribution rail/box
16	Audio
17	Service/diagnostics
18	Contact reel
19	Meter
20	Ignition component/shunt
27	Optics
31	Ground connection
73	Branching point
74	Connector

The systems are shown in non-active status.i.e. with "key removed" and when the doors, hatches and hood are closed.

B. Branching points

The wiring diagrams contain numbered branching points, for example 73/5035.

This manual contains a section with a list of branching points. This list shows all the components which are connected to each branching point.

The location of the branching points is shown in the "Cable harness routing in vehicle" section.

C. Connectors

Connectors provide a bridge between two cable harnesses and are described in the "Connectors" section.

D. Electrical distribution

Operation of the fuses and relays is shown in the "Electrical distribution" section.

E. Data communication

Today's cars contain CAN, LIN and MOST networks that transfer information. Connections to these networks are not shown in their entirety in the respective wiring diagram. Complete information on CAN, LIN and MOST communication is found in the section "Control modules".

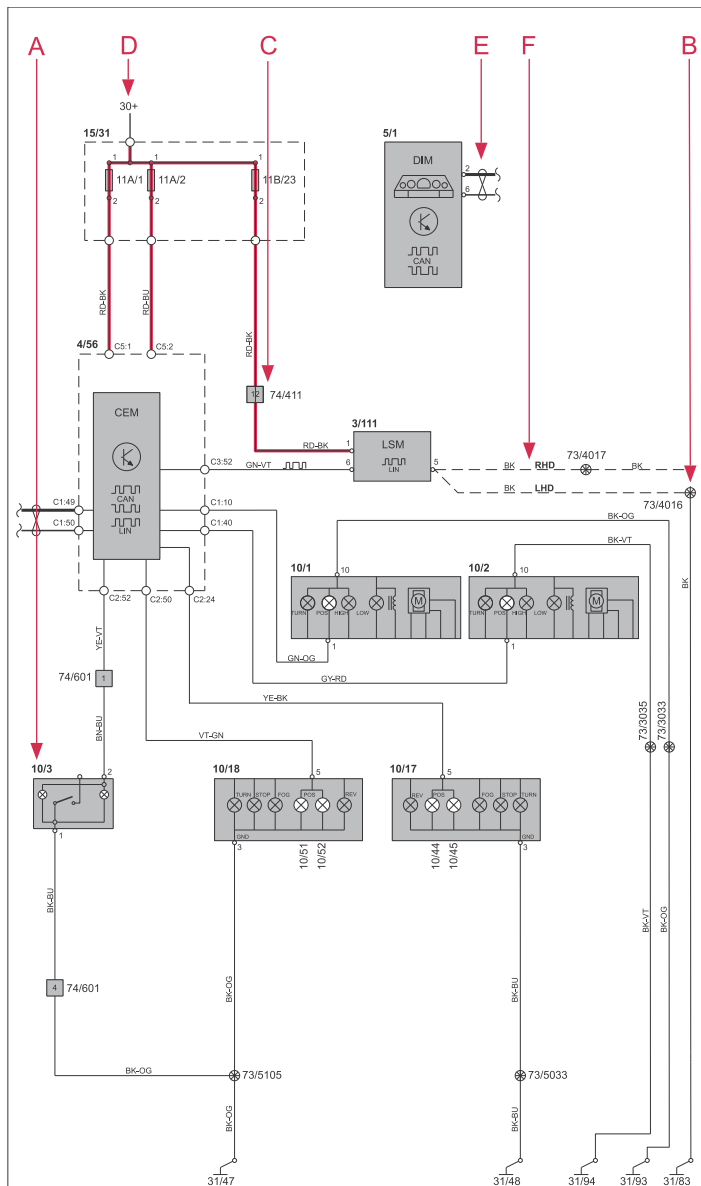
F. Abbreviations

A number of different abbreviations are used in the manual. These are explained in the section "Abbreviations".

G. Component location

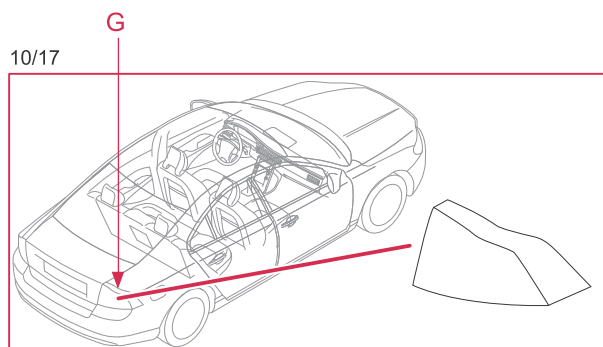
There is a section at the end of the manual in which the appearance and location of components is described in numerical order.

How to use the wiring diagrams 2:2



Explanation of symbols

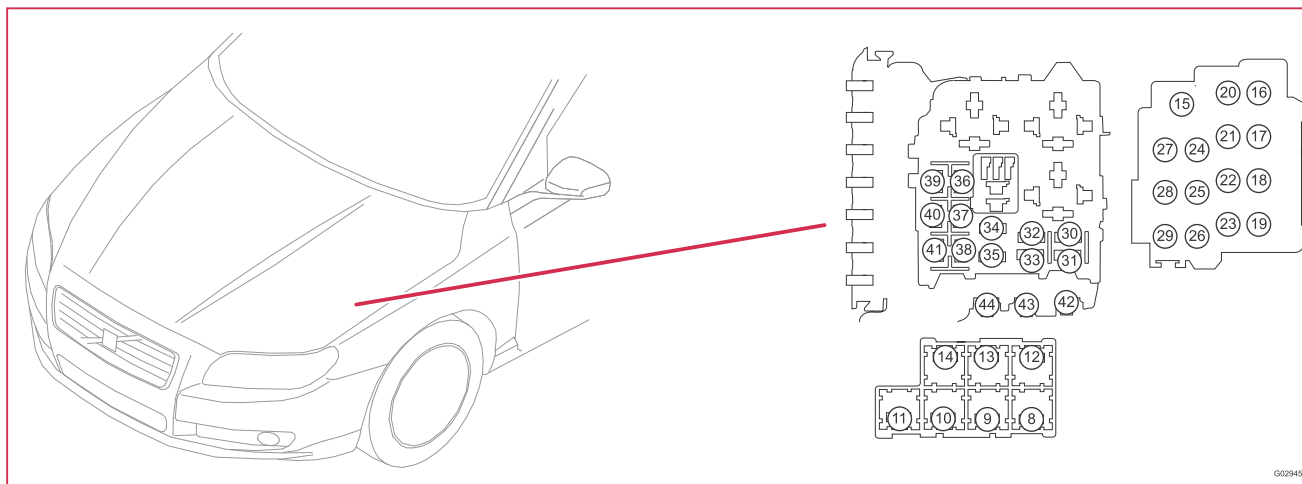
- = System voltage
- = Ground connection via wiring
- = Ground connection in component/chassis
- = Screened wire
- = Branching point
- = Twisted cable
- = Electrical connection
- = Variant
- = CAN communication
- = CAN high data signal (CAN H)
- = CAN low data signal (CAN L)
- = LIN communication
- = LIN communication
- = DIN cable, coaxial cable, etc.
- = Data communication
- = CAN communication
- = MOST communication
- = MOST communication
- = Connection with distribution box
- = Further connection to...
- = Connector between cable harnesses
- = Connector connected in component



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Fuses S80, V70 & XC70

Distribution box in engine compartment F32-F40

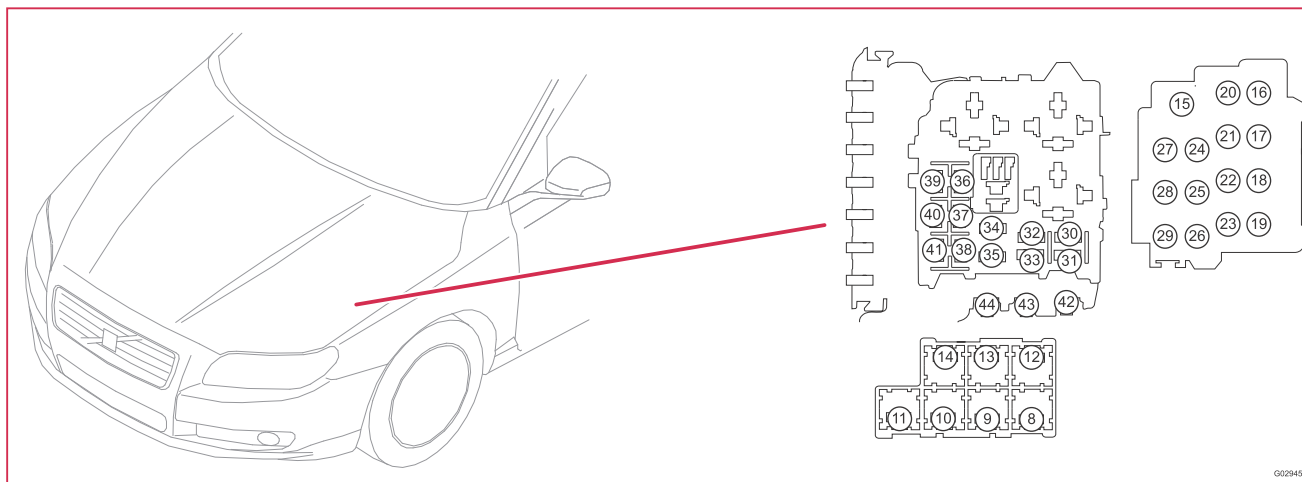


15/31 Distribution box in engine compartment

No.	No.	Fuse function	via	A
F32	11B/32	2/22 Relay, climate control system 8/3 Electromagnetic clutch, climate control system	- 2/22	15
F33	11B/33	2/14 Relay, glow plug system 2/22 Relay, climate control system 4/46 Engine Control Module (ECM)	- - -	5
F35	11B/35	20/3-6 Spark plug with ignition coil, 4-Cyl. 8/111 Control valve fuel flow	- -	10
F37	11B/37	7/17 Mass airflow sensor (MAF), 4-Cyl. 8/111 Control valve fuel flow, 4-Cyl. Diesel 8/121 Radiator valve 8/167 Bypass solenoid	- - - -	10
F38	11B/38	8/18 EVAP valve, 4-Cyl. 8/28 Turbocharger control valve, 4-Cyl. 7/17 Mass air flow sensor MAF, 4-Cyl. Turbo 8/19 Solenoid, variable valve timing, intake, 4-Cyl. Turbo 8/81 Solenoid, variable valve timing, exhaust, 4-Cyl. Turbo 8/159 Bypass valve 2/14 Relay, glow plug system 6/73 Coolant pump, Start/Stop, 4-Cyl. Diesel	- - - - - - - 2/14	10
F40	11B/40	2/14 Relay, glow plug system 6/179 Electric oil pump 9/38 Heated fuel filter, Diesel 2/14 Relay, glow plug system 6/73 Coolant pump, Start/Stop, 4-Cyl. Turbo	- - - - 2/14	20 10

Fuses S60/V60

Distribution box in engine compartment F32 - F40

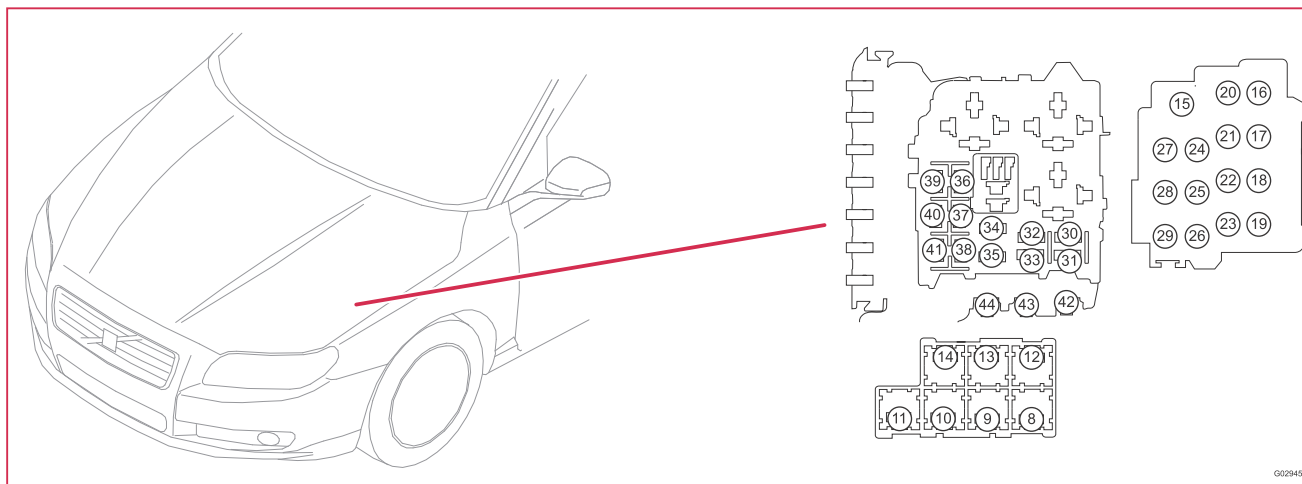


15/31 Distribution box in engine compartment

No.	No.	Fuse function	via	A
F32	11B/32	2/22 Relay, climate control system	-	15
		6/73 Coolant pump, Start/Stop	2/22	
		8/3 Electromagnetic clutch, climate control system	2/22	
F33	11B/33	2/14 Relay, glow plug system	-	5
		2/22 Relay, climate control system	-	
F35	11B/35	4/109 Glow plug control module, 5-Cyl. Diesel	-	10
		20/3-6 Spark plug with ignition coil, 4-Cyl	-	
F37	11B/37	7/17 Mass air flow sensor MAF, 4-Cyl. 1.6l Turbo	-	10
		8/121 Bypass valve charge air cooler, 4-Cyl. 1.6l Turbo	-	
		8/167 Bypass Solenoid, 4-Cyl. 1.6l Turbo	-	
		7/17 Mass air flow sensor MAF, 4-Cyl. 1.6l Diesel	-	
F40	11B/40	8/111 Control valve fuel flow, 4-Cyl. 1.6l Diesel	-	10
		2/14 Relay, glow plug system	2/14	
		6/73 Coolant pump, 4-Cyl. Turbo, Start/Stop	2/14	
		9/38 Electrically heated fuel filter, 4-Cyl. Diesel	2/14	20

Fuses XC60

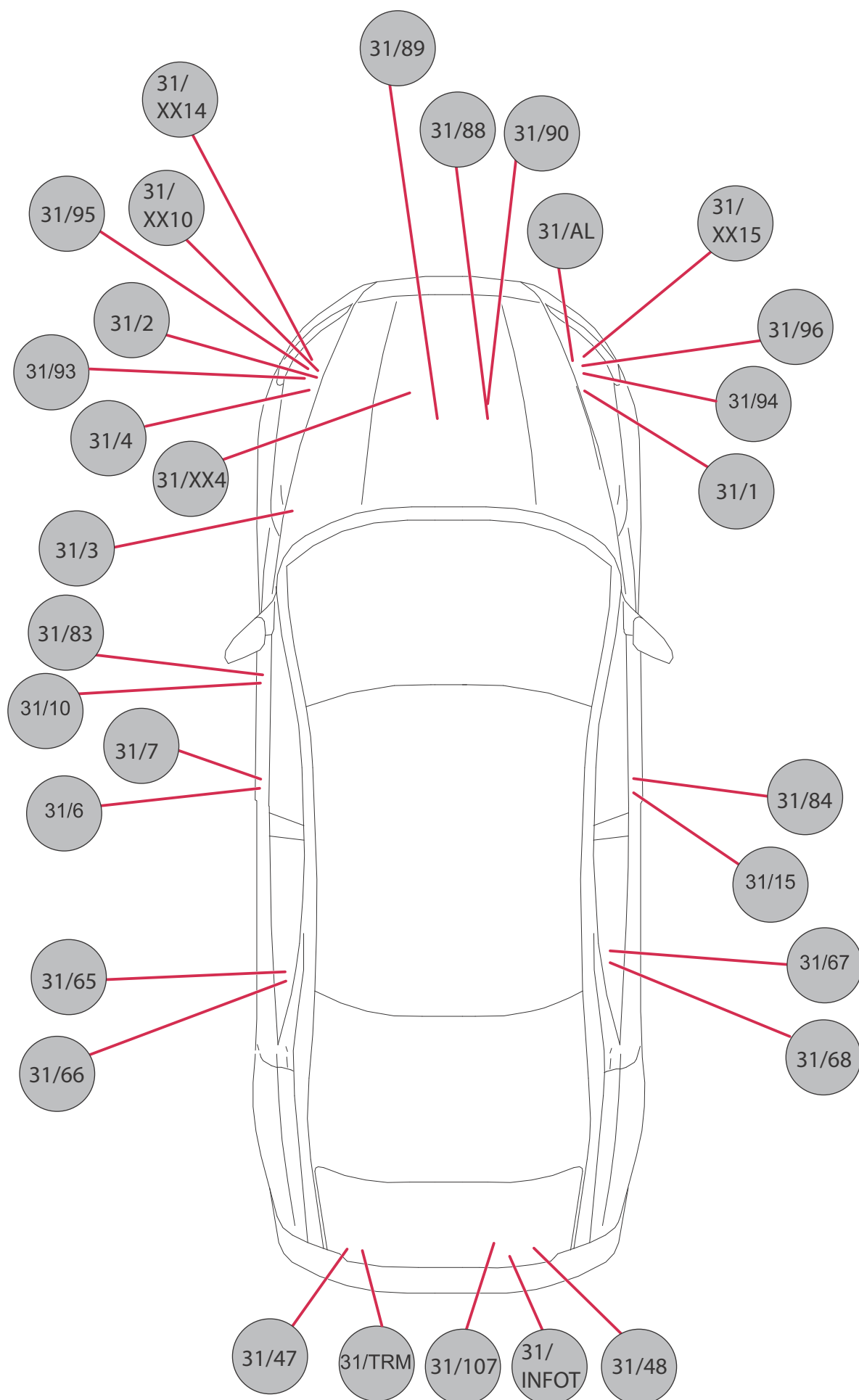
Distribution box in engine compartment F32-F38



15/31 Distribution box in engine compartment

No.	No.	Fuse function	via	A
F32	11B/32	2/22 Relay, climate control system	2/22	15
		6/73 Coolant pump	2/22	
		8/3 Electromagnetic clutch, climate control system		
F33	11B/33	2/22 Relay, climate control system	-	5
F35	11B/35	20/3-6 Spark plug with ignition coil, 4-Cyl. Turbo	-	10
F38	11B/38	7/17 Mass air flow sensor MAF, 4-Cyl. Turbo	-	10
		8/18 EVAP valve, 4-Cyl. Turbo	-	
		8/19 Solenoid, variable valve timing, intake, 4-Cyl. Turbo	-	
		8/28 Turbocharger control valve, 4-Cyl. Turbo	-	
		8/81 Solenoid, variable valve timing, exhaust, 4-Cyl. Turbo	-	

Ground connections Overview S80/V70



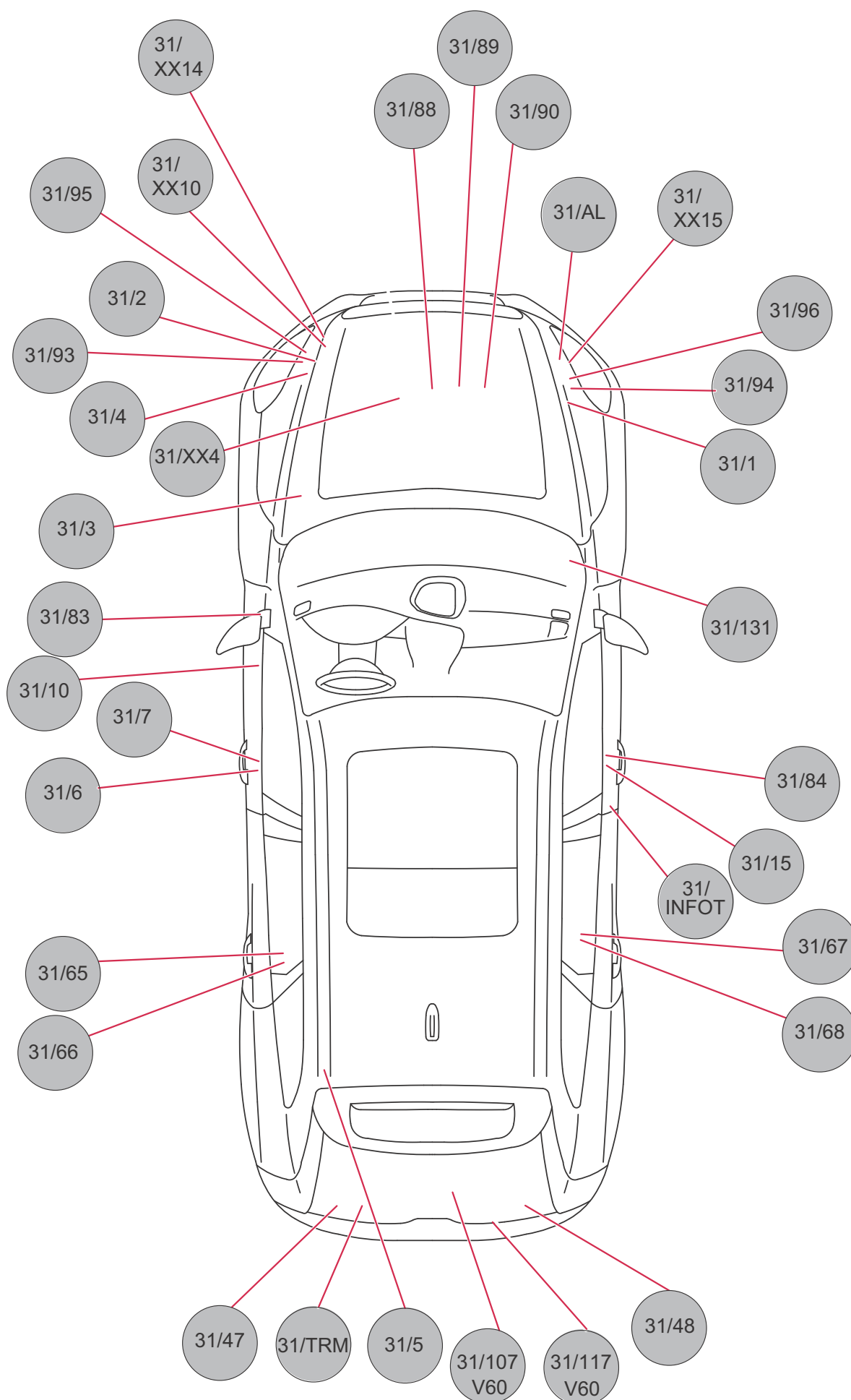
Ground connections S80/V70

31/88 - 31/XX10

31/88	Engine ignition coils
8/3	Electromagnetic clutch, climate control system
8/78	Power steering pressure monitor
20/3	Spark plug with ignition coil, 4-Cyl. Turbo
20/4	Spark plug with ignition coil, 4-Cyl. Turbo
20/5	Spark plug with ignition coil, 4-Cyl. Turbo
20/6	Spark plug with ignition coil, 4-Cyl. Turbo

31/XX10	LH wheel housing 1
3/10	Reversing light contact
3/282	Switch indicator 1st gear, I5D
4/28	Transmission Control Module (TCM)
4/46	Engine Control Module (ECM)
4/109	Glow plug control module
6/73	Coolant pump
6/139	Upper actuating motor, intake manifold
6/140	Lower actuating motor, intake manifold
6/179	Electric oil pump
7/200	Sensor, coolant temperature
7/243	Gear position sensor neutral position
8/3	Electromagnetic clutch, climate control system, 4-Cyl.
8/78	Pressure monitor power steering, 4-Cyl. Turbo
9/32	PTC resistor, crankcase ventilation
9/38	Electrically heated fuel filter, 4-Cyl. Diesel
20/3-6	Spark plug with ignition coil, 4-Cyl. Turbo

Ground connections Overview S60/V60



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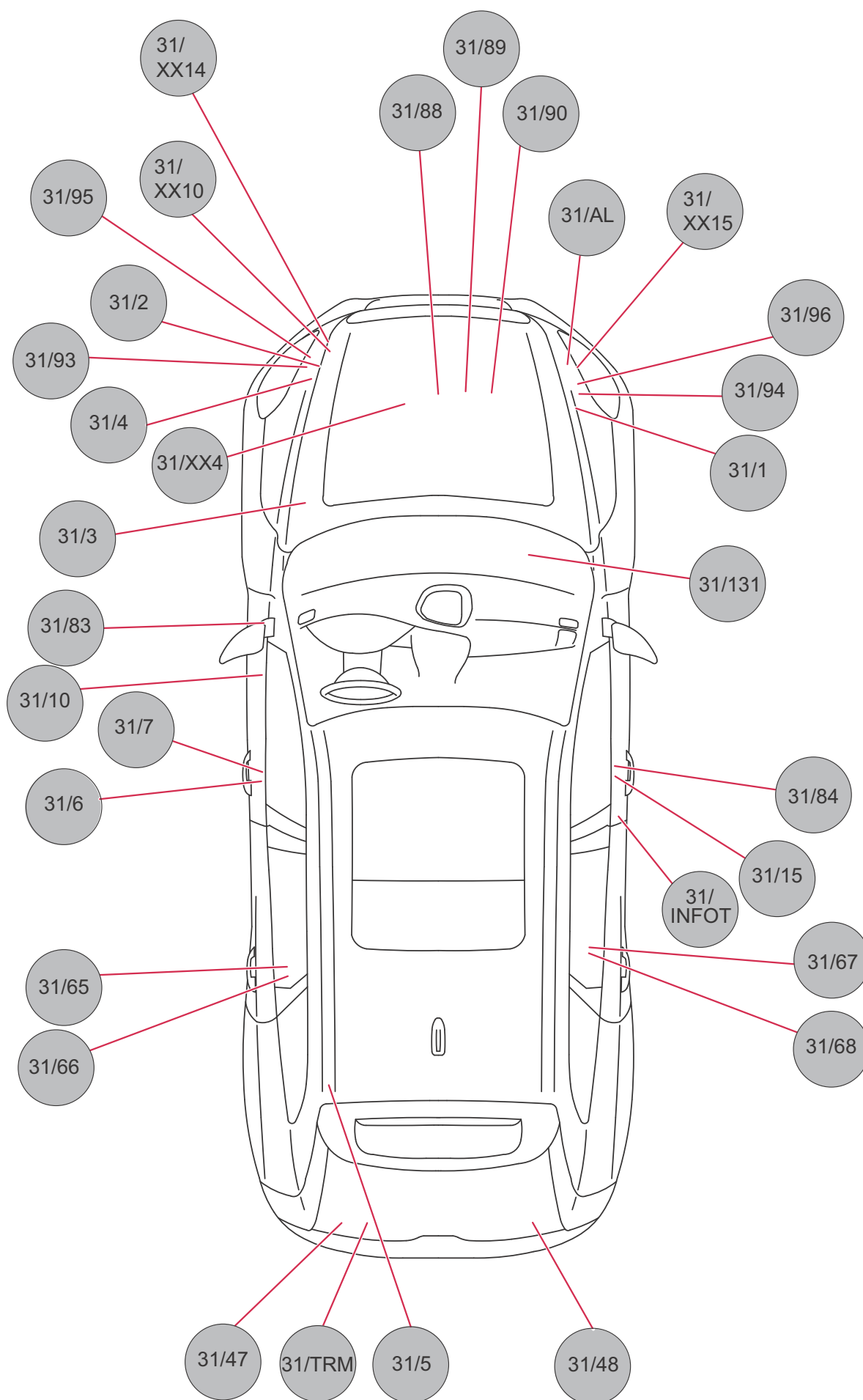
Ground connections S60/V60

31/88 - 31/XX10

31/88	Engine ignition coils
8/3	Electromagnetic clutch, climate control system
8/78	Power steering pressure monitor
20/3	Spark plug with ignition coil, 4- & 5-Cyl. Turbo
20/4	Spark plug with ignition coil, 4- & 5-Cyl. Turbo
20/5	Spark plug with ignition coil, 4- & 6-Cyl. Turbo
20/6	Spark plug with ignition coil, 4- & 6-Cyl. Turbo

31/XX10	LH wheel housing 1
3/10	Reversing light contact
3/282	Switch indicator 1st gear, I5D
4/28	Transmission Control Module (TCM)
4/46	Engine Control Module (ECM)
4/109	Control module glow plug, 4-Cyl. Diesel
6/73	Coolant pump
6/179	Electric catch motor
7/243	Gear position sensor neutral position
8/3	Electromagnetic clutch, climate control system, 4-Cyl.
8/78	Pressure monitor power steering, 4-Cyl. Turbo
8/84	Switch vacuum pump 4- & 5-Cyl. Turbo
9/32	PTC resistor, crankcase ventilation
9/38	Electrically heated fuel filter
20/3-6	Spark plug with ignition coil, 4-Cyl. Turbo

Ground connections Overview XC60



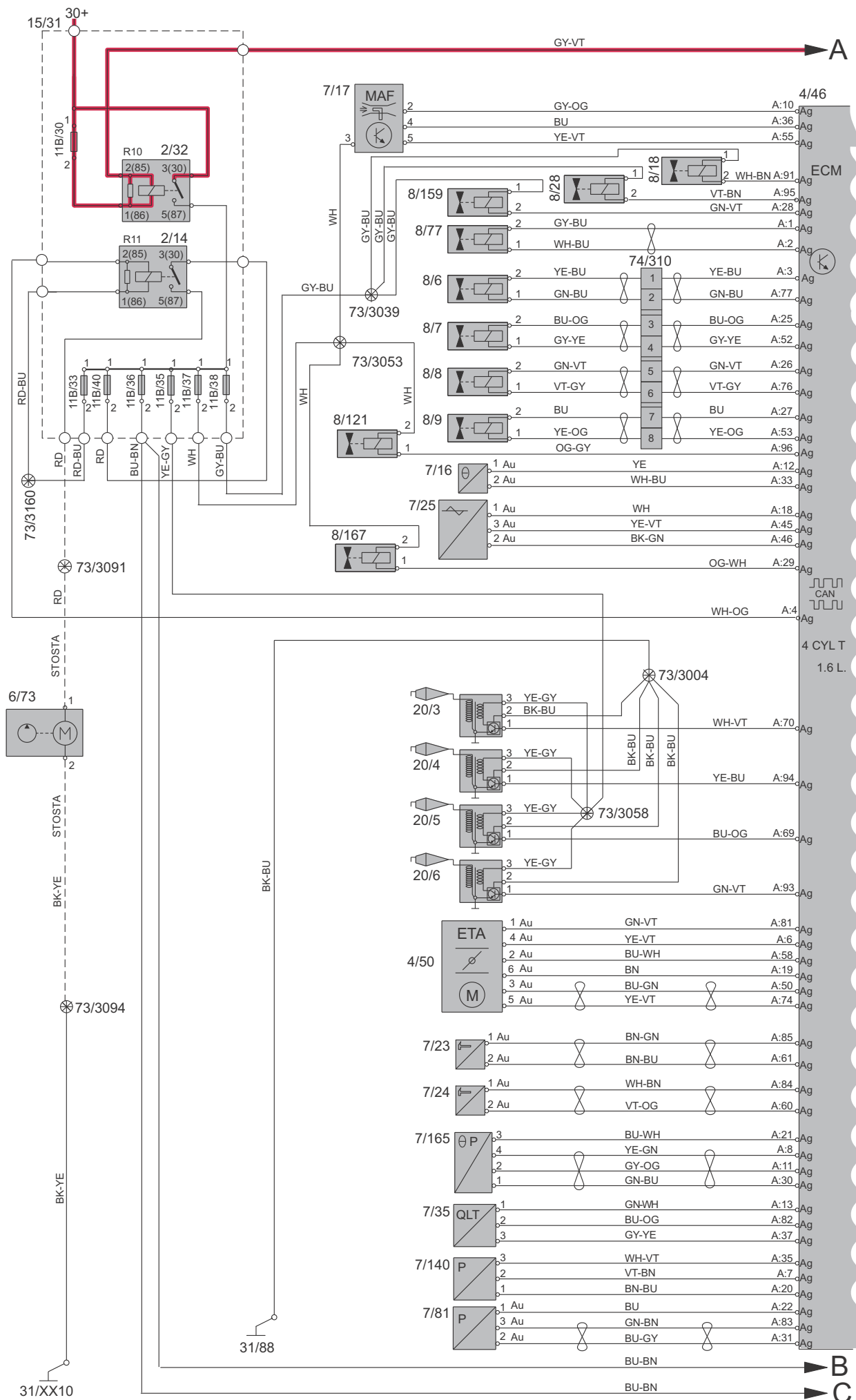
Ground connections XC60

31/XX10

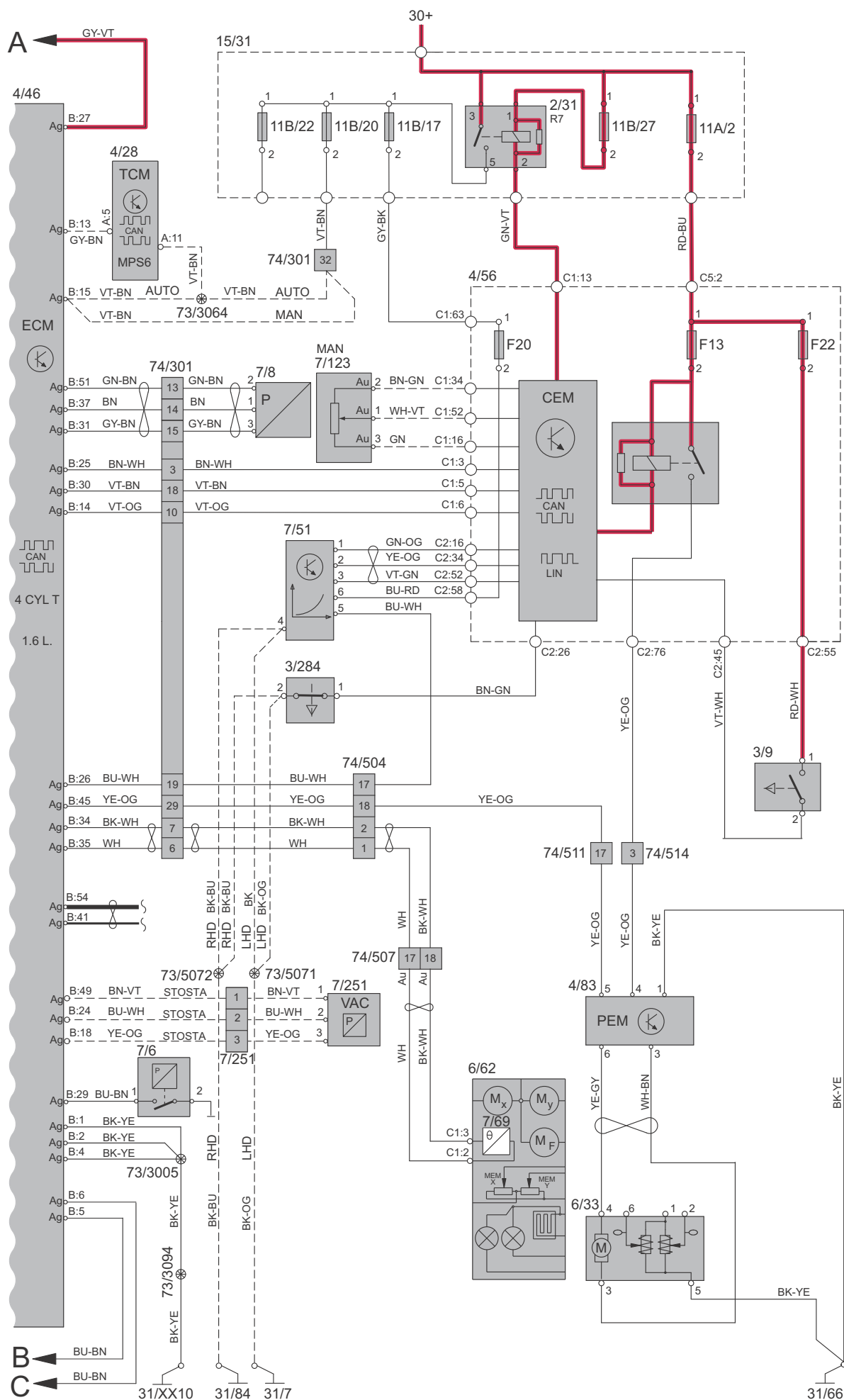
31/XX10 LH wheel housing 1	
3/10	Reversing light contact
3/282	Switch indicator 1st gear, I5D
4/28	Transmission control module (TCM)
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8/3	Electromagnetic clutch climate control system, 4-Cyl. Turbo
8/78	Pressure monitor power steering, 4-Cyl. Turbo
9/32	PTC resistor, crankcase ventilation
20/3-6	Spark plug with ignition coil, 4-Cyl. Turbo

Group 28 Ignition and control system, S80/V70

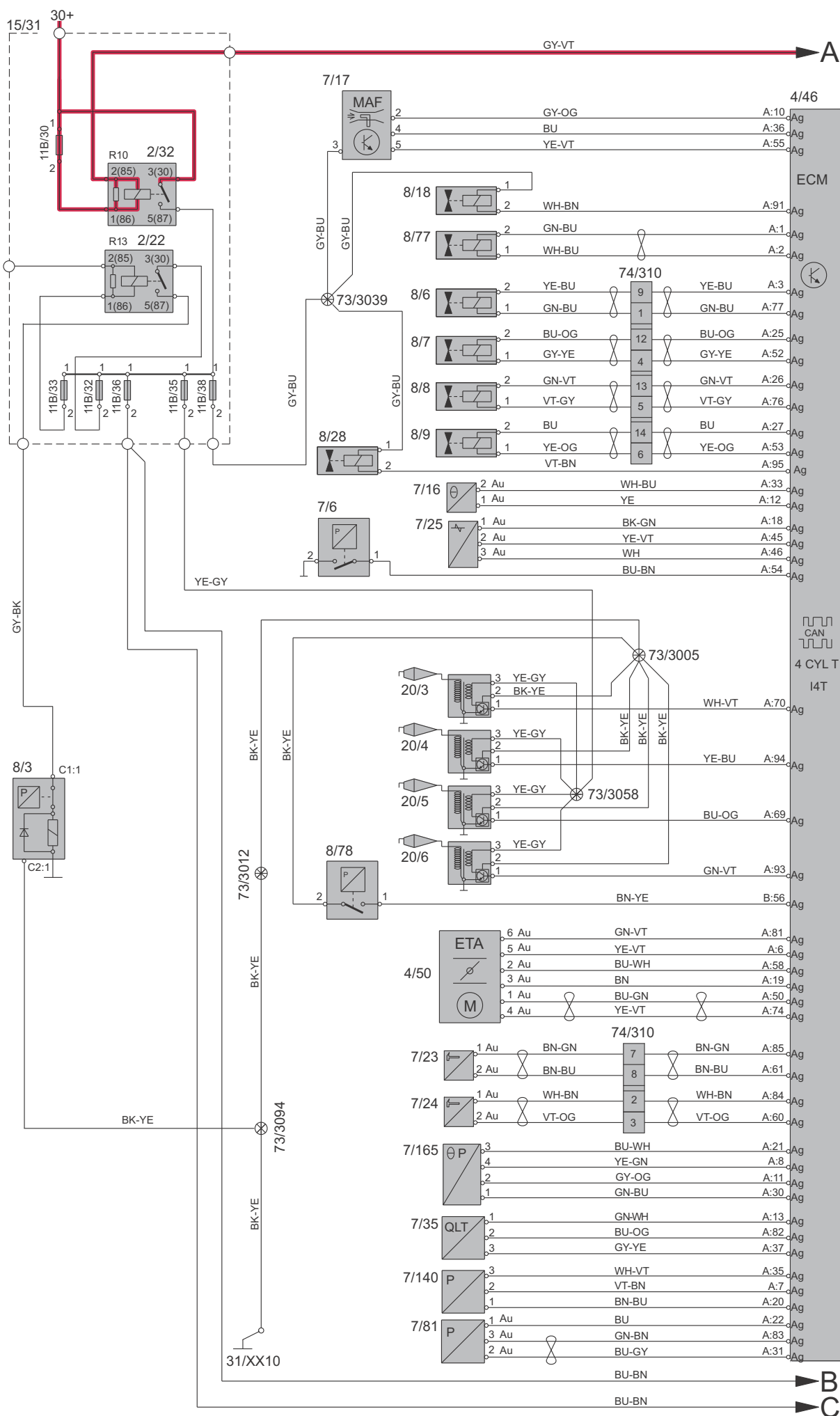
Engine management system, 4-Cyl. Turbo 1.6l 1:2



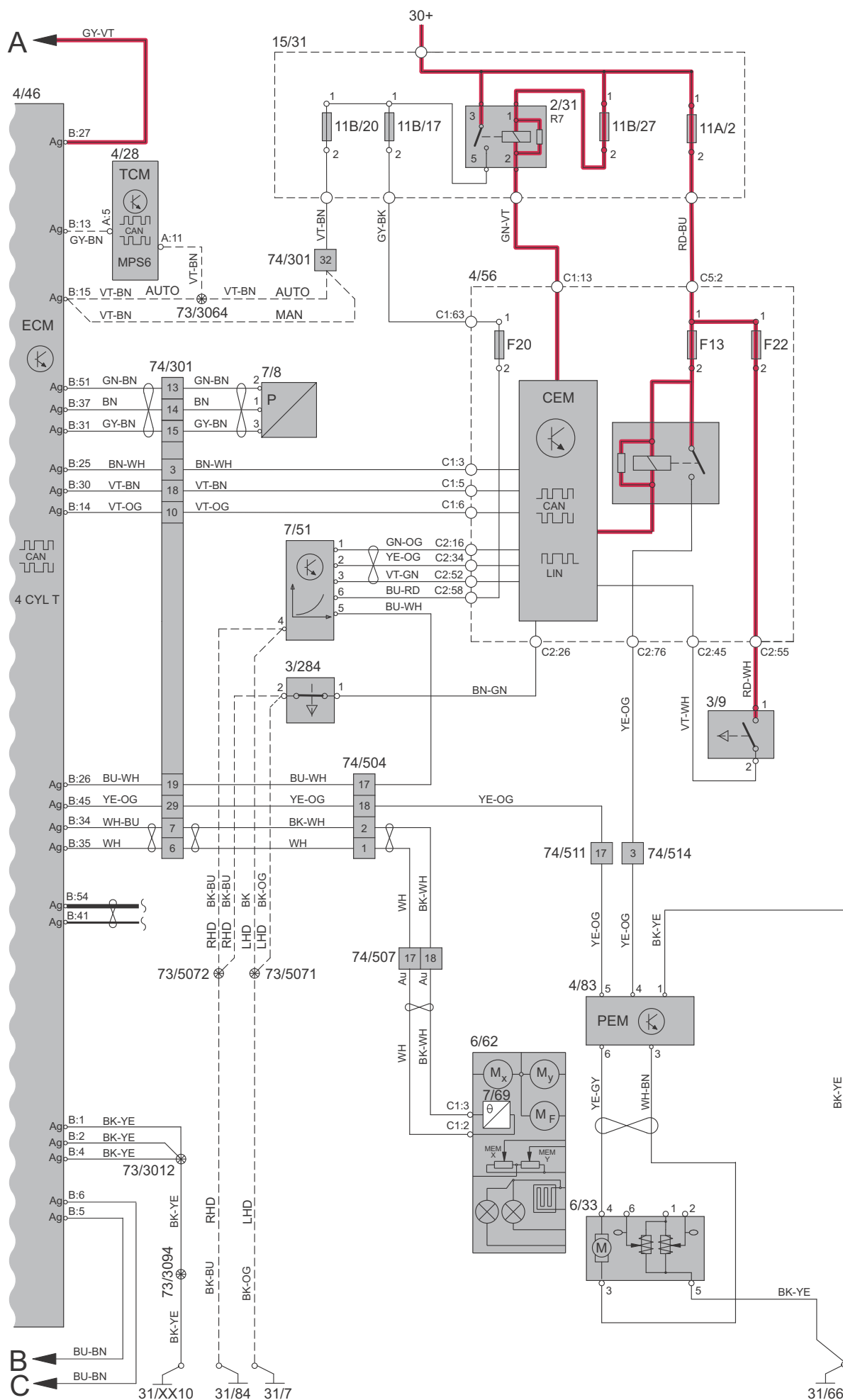
**Group 28 Ignition and control system, S80/V70
Engine management system, 4-Cyl. Turbo 1.6l 2:2**



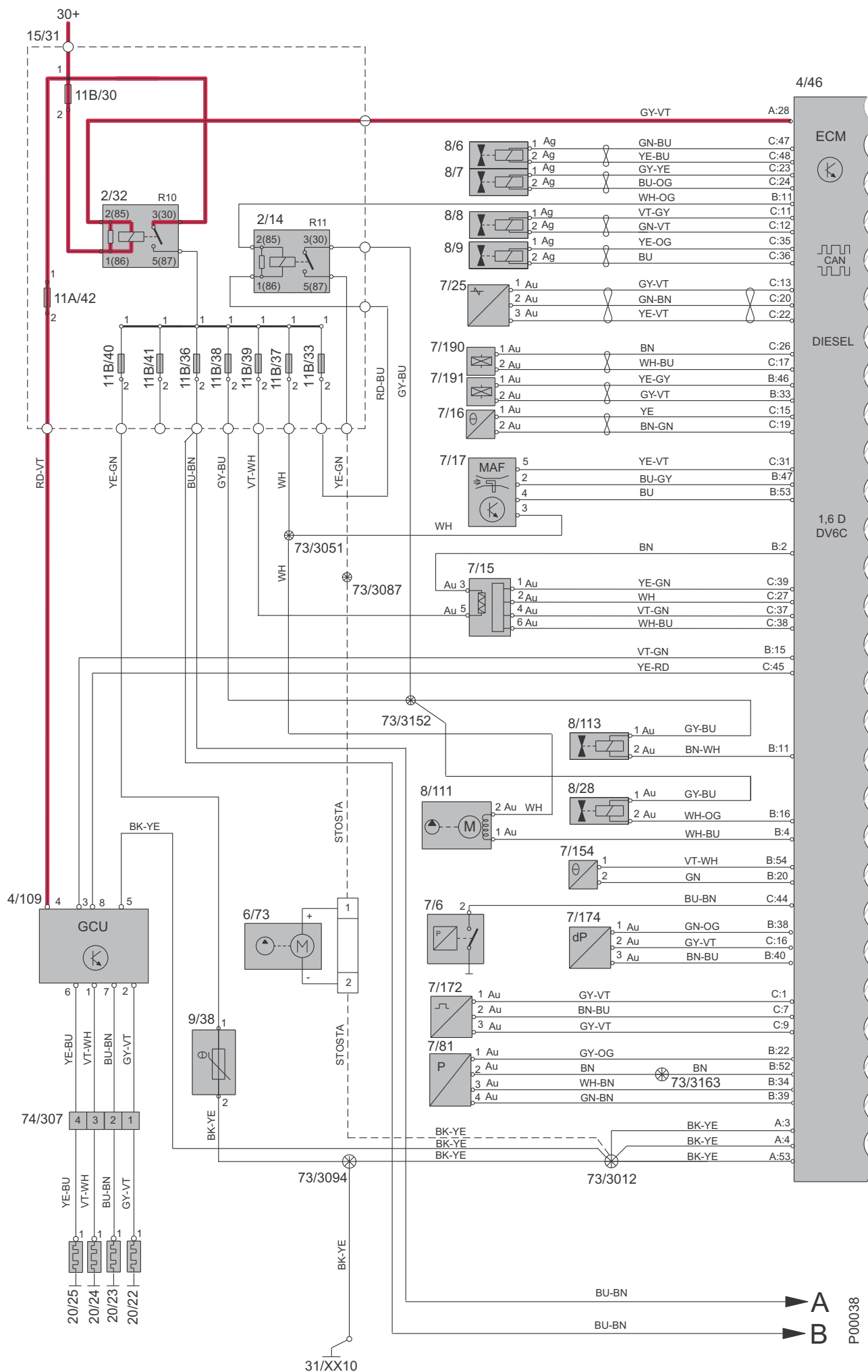
Group 28 Ignition and control system, S80/V70
Engine management system, 4-Cyl. Turbo 2.0l 1:2



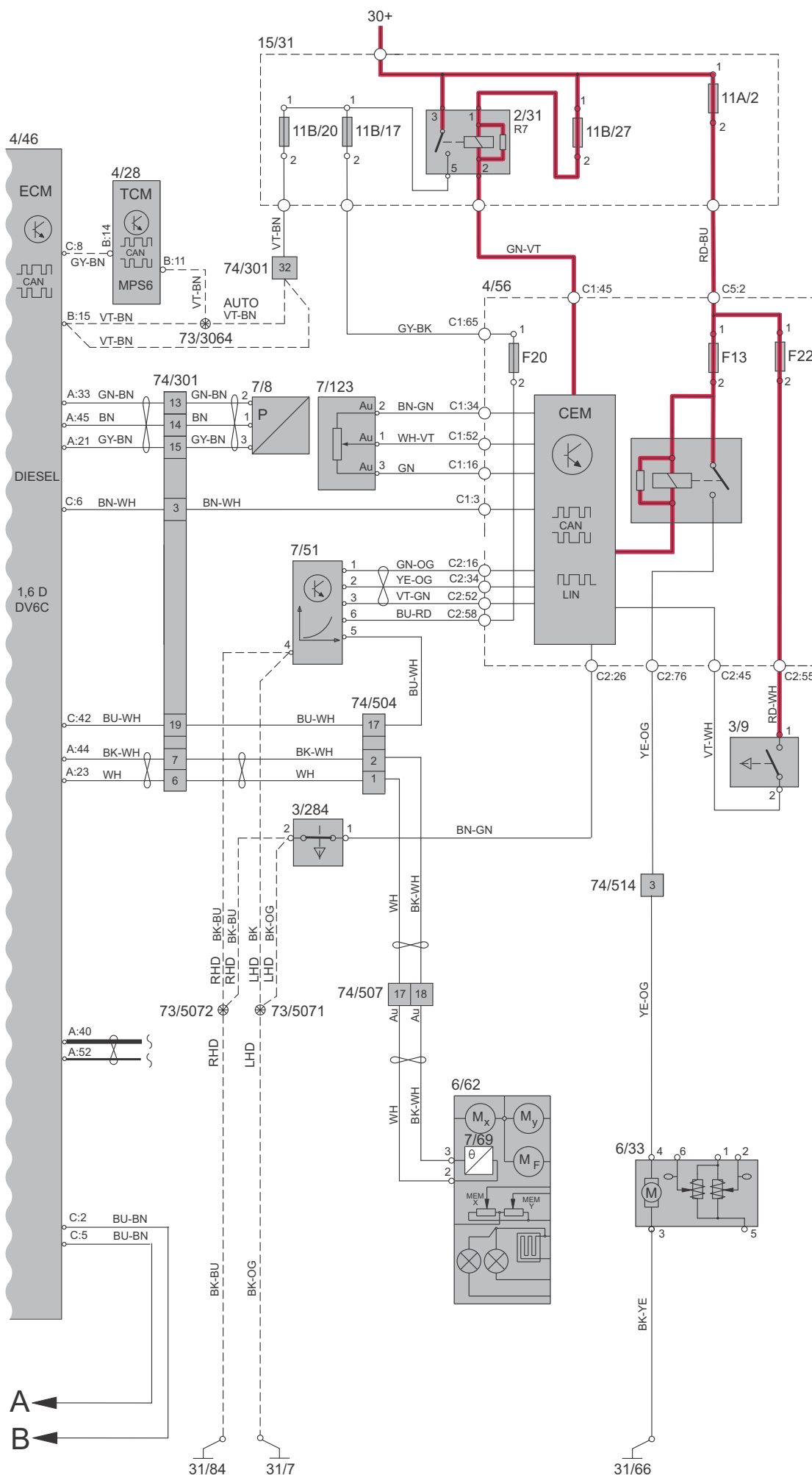
Group 28 Ignition and control system, S80/V70
Engine management system, 4-Cyl. Turbo 2.0l 2:2



Group 28 Ignition and control system, S80/V70
Engine management system, 4-Cyl. 1,6L Diesel 1:3

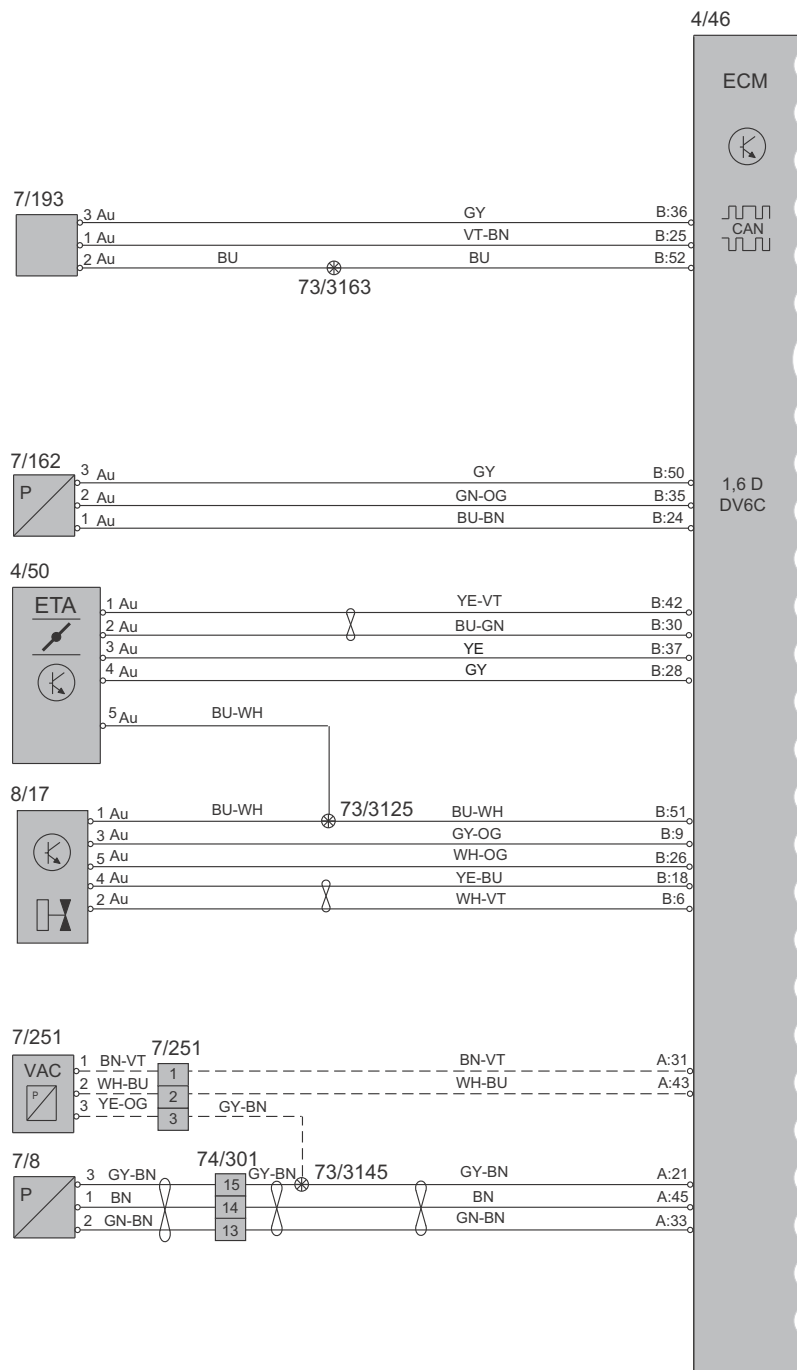


**Group 28 Ignition and control system, S80/V70
Engine management system, 4-Cyl. 1,6L Diesel 2:3**

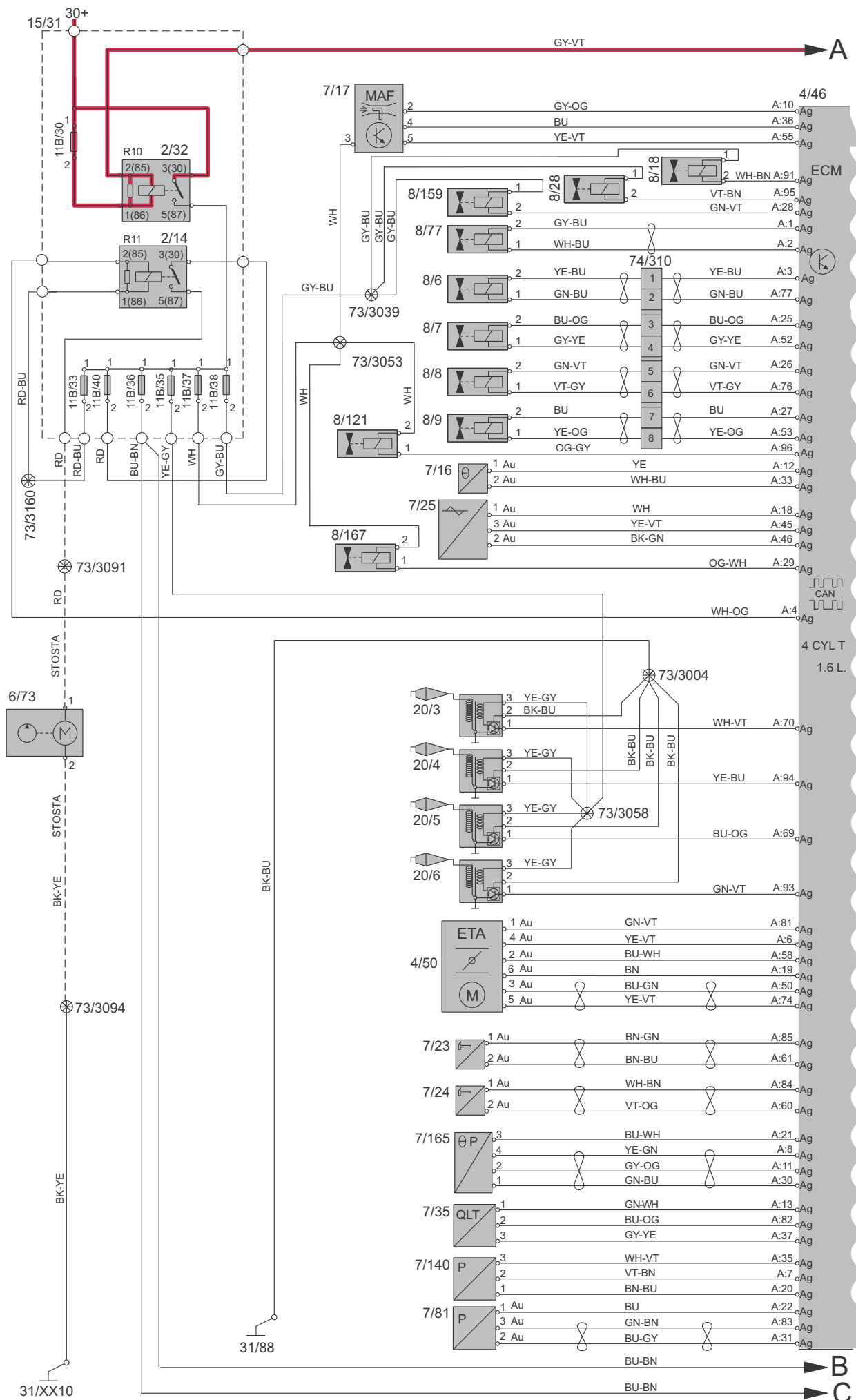


Group 28 Ignition and control system, S80/V70

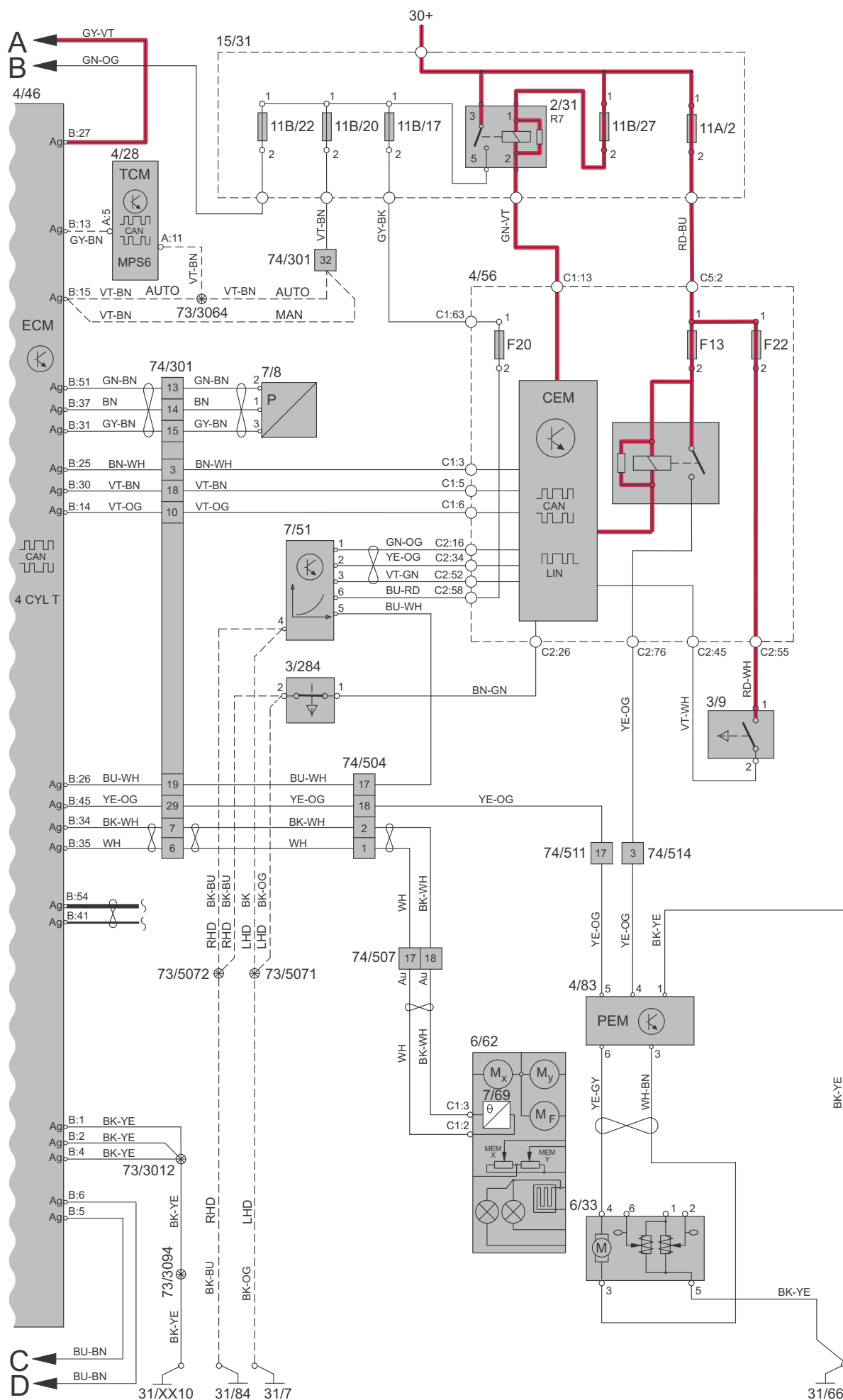
Engine management system, 4-Cyl. 1,6L Diesel 3:3



Group 28 Ignition and control system, S60/V60 Engine management system 4-Cyl. 1.6l Turbo 1:2



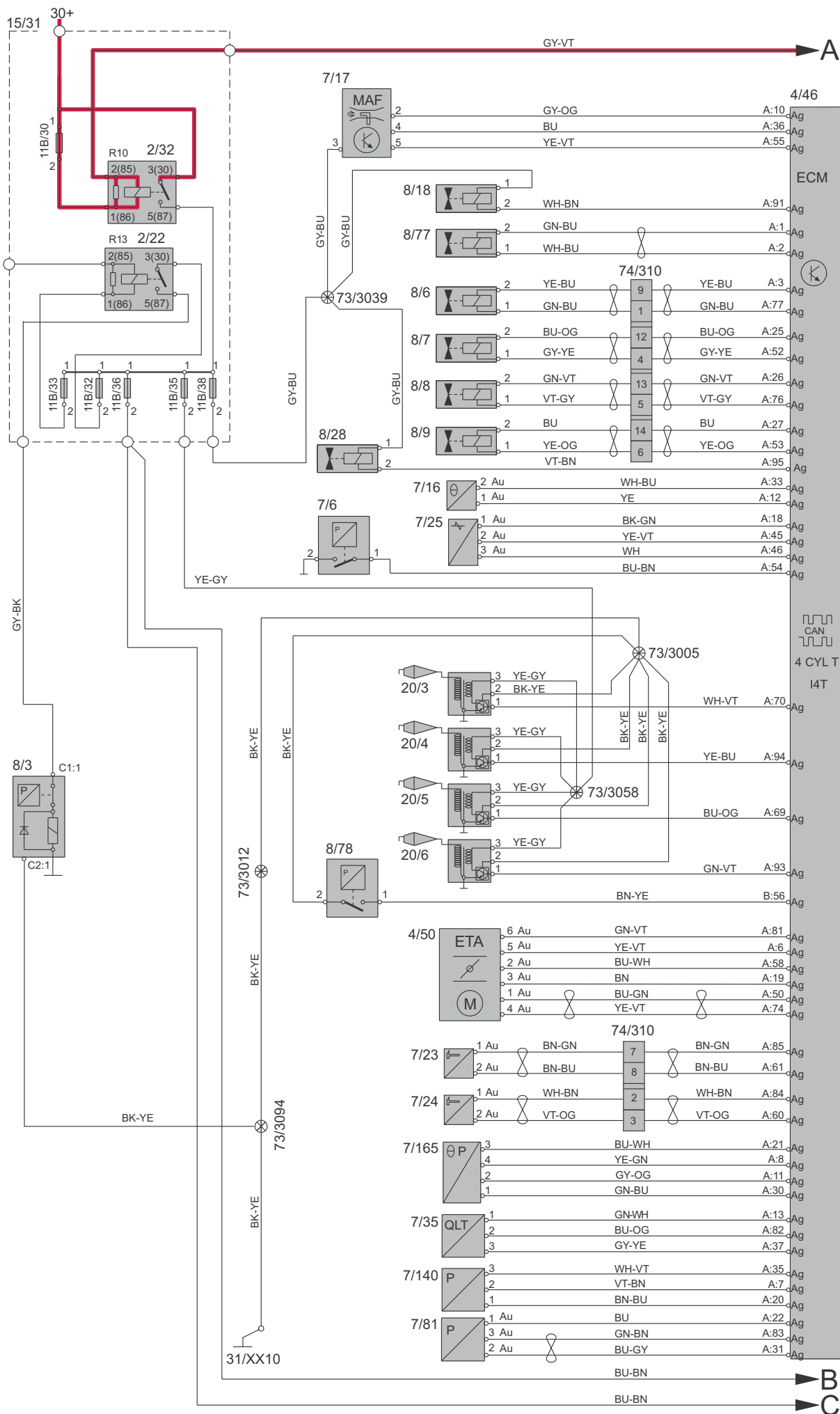
Group 28 Ignition and control system, S60/V60 **Engine management system 4-Cyl. 1.6l Turbo 2:2**



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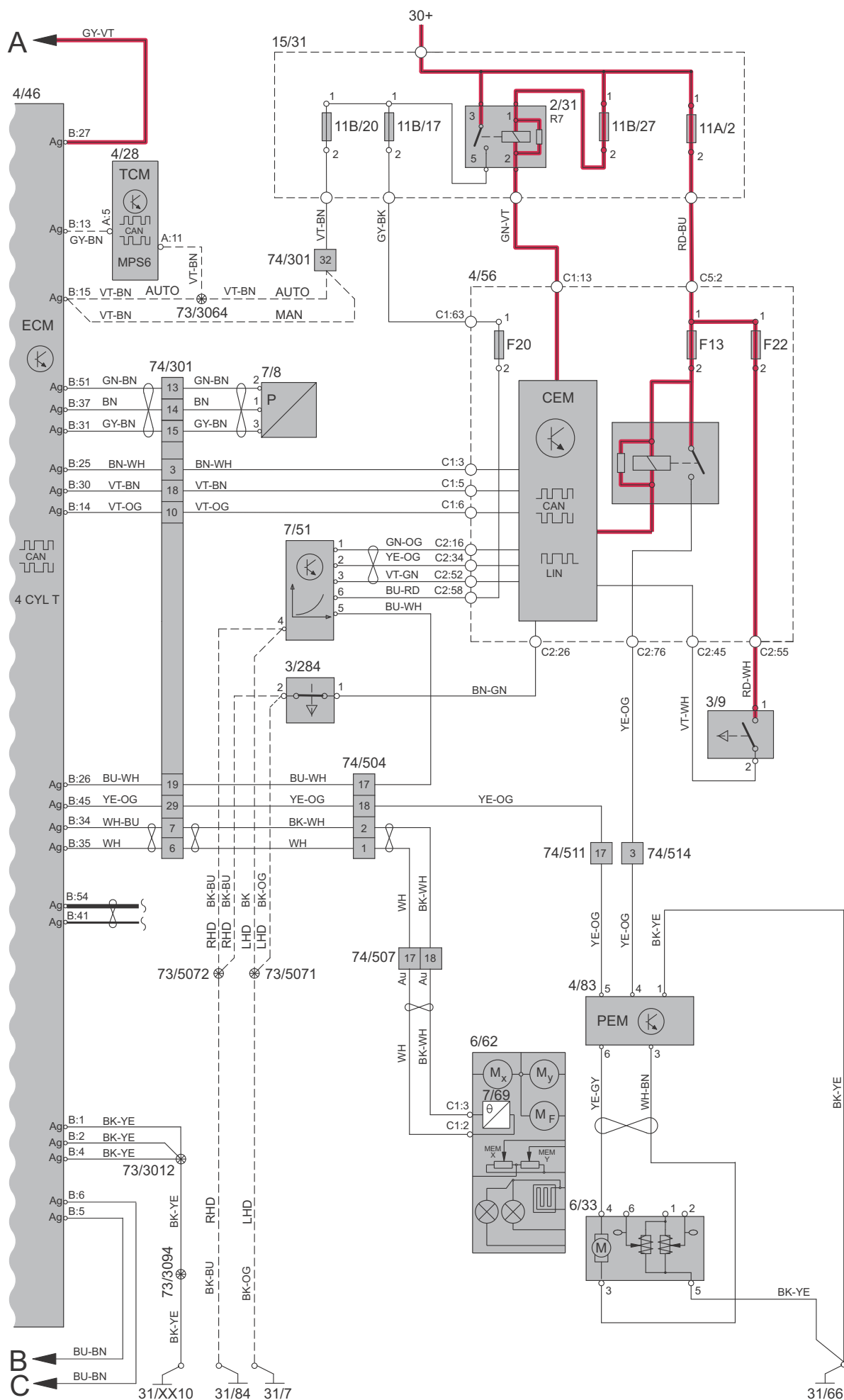
Group 28 Ignition and control system, S60/V60

Engine management system 4-Cyl. 2.0l Turbo 1:2

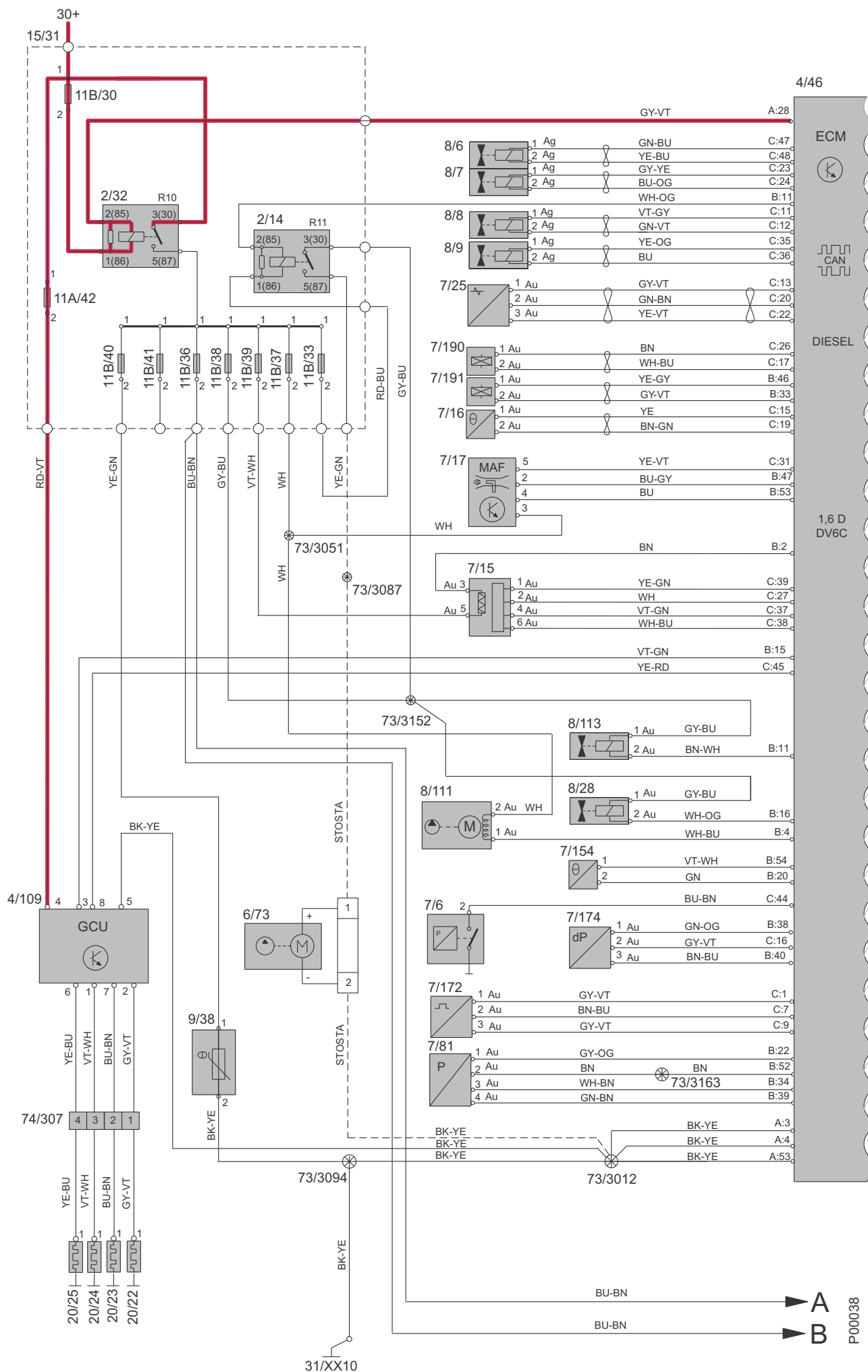


Group 28 Ignition and control system S60/V60

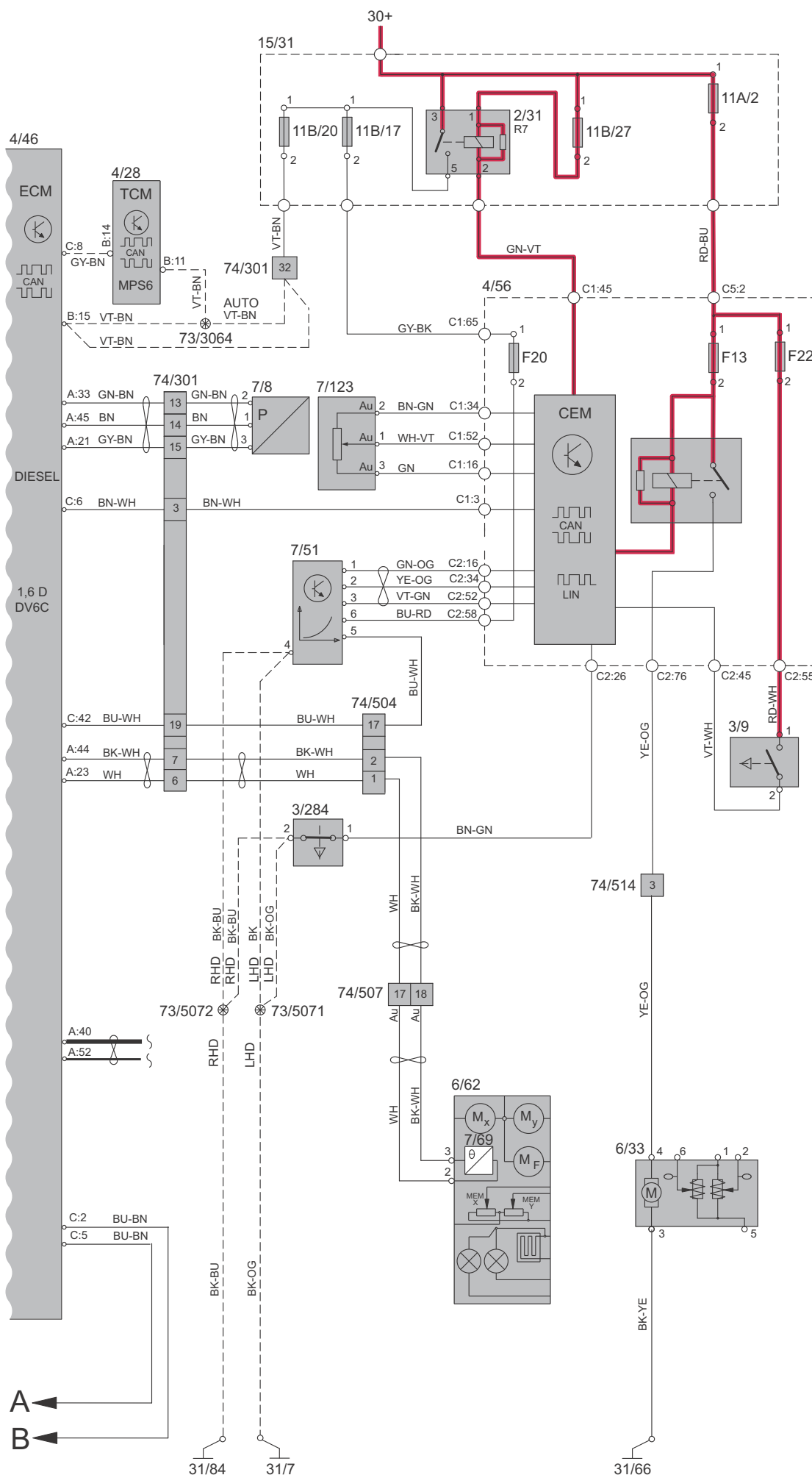
Engine management system 4-Cyl. 2.0l Turbo 2:2



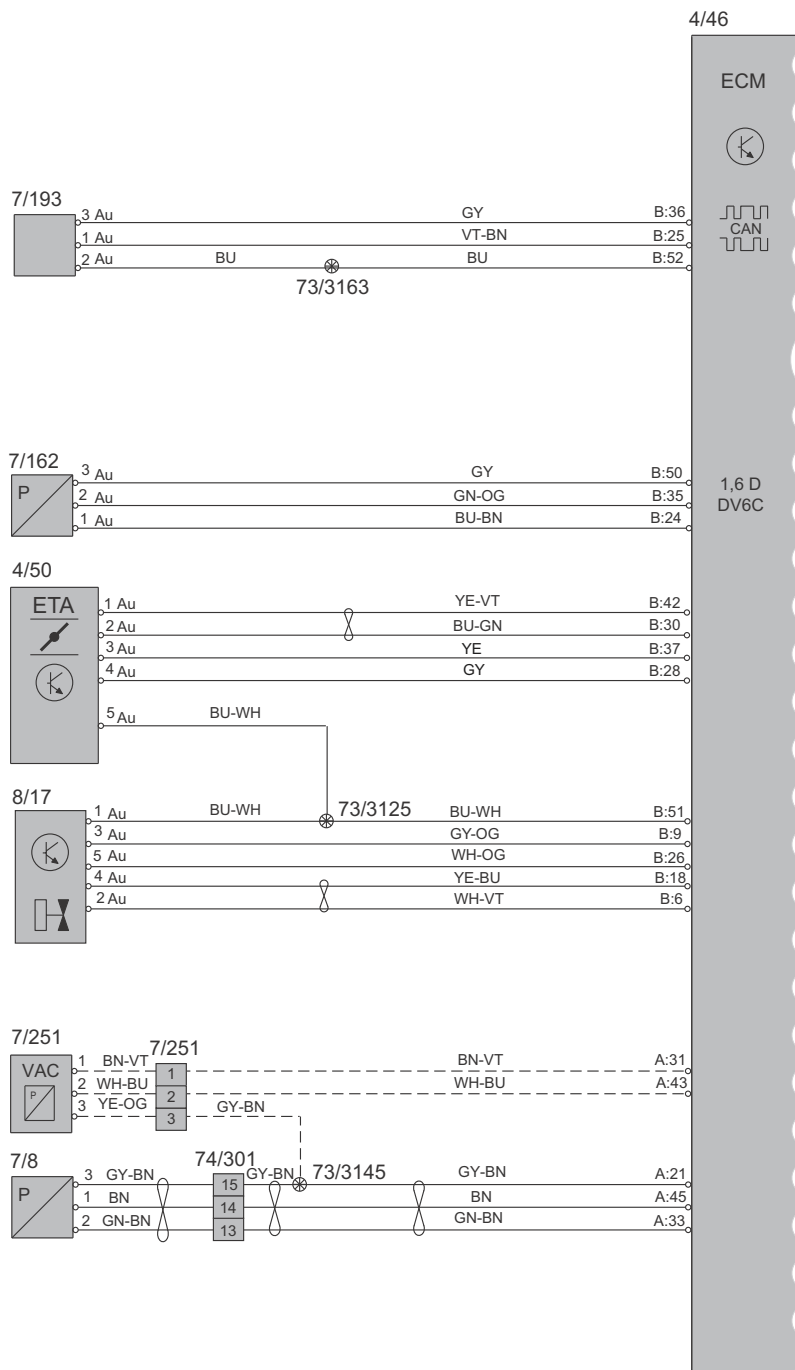
Group 28 Ignition and control system, S60/V60 Engine management system, 4-Cyl. 1,6L Diesel 1:3



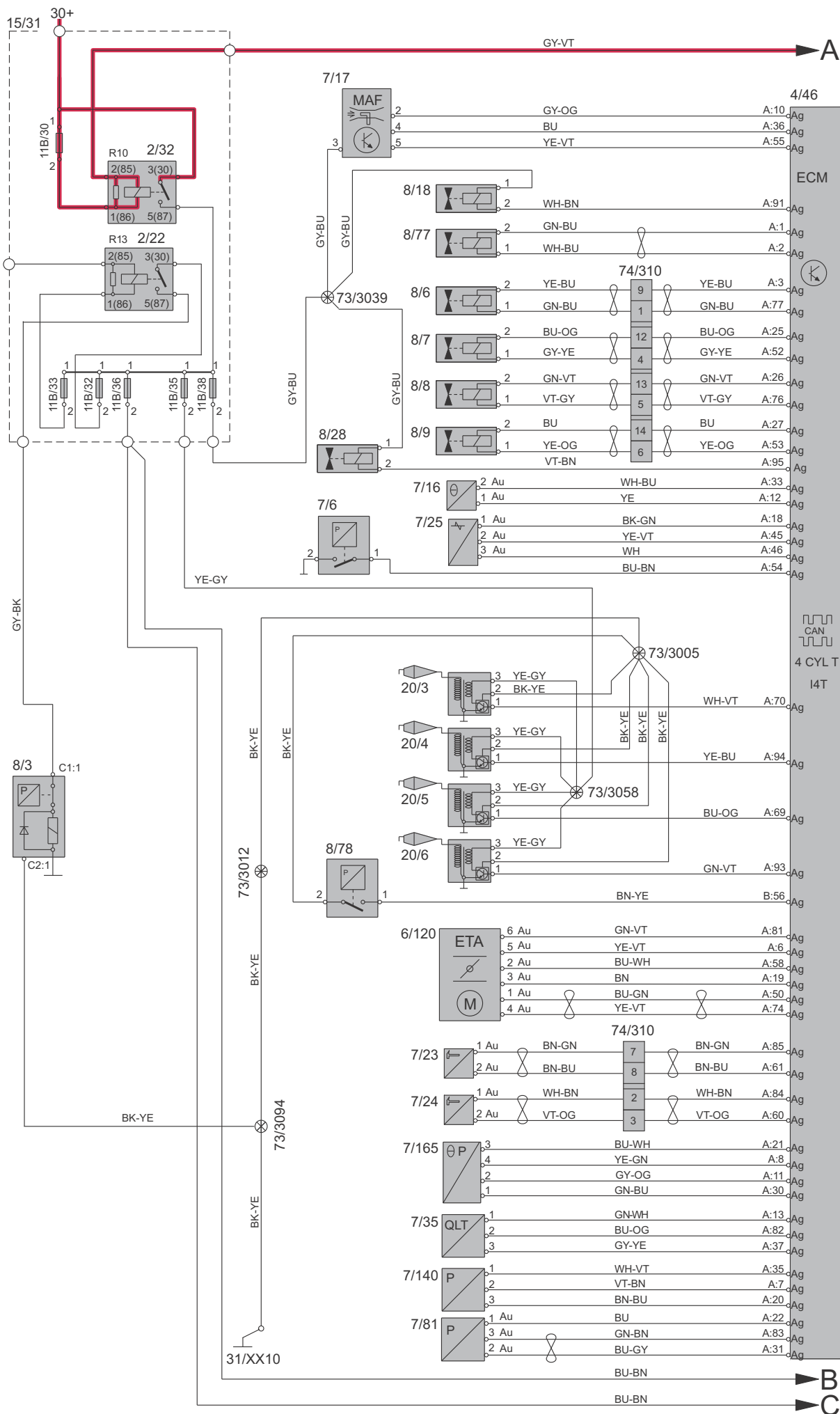
Group 28 Ignition and control system, S60/V60 Engine management system, 4-Cyl. 1,6L Diesel 2:3



Group 28 Ignition and control system, S60/V60 Engine management system, 4-Cyl. Diesel 3:3

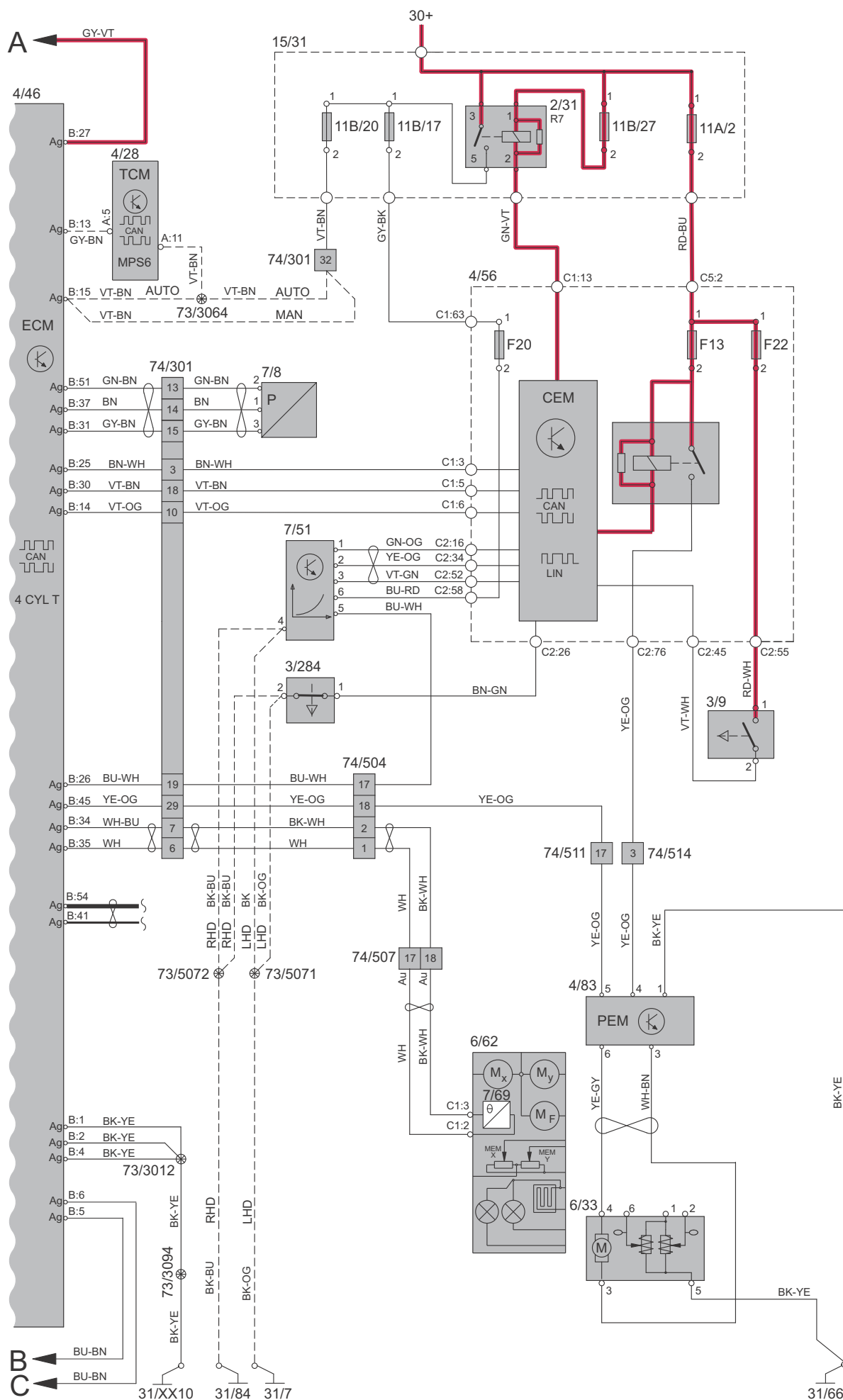


Group 28 Ignition and control system XC60



Group 28 Ignition and control system XC60

Engine management system, 4-Cyl. Turbo 2.0l 2:2



Connectors

74/301 - 74/310, S80/V70

74/301

34-pin black

No.	Engine harness			Engine compartment harness		
13	4/46B:23	Engine Control Module (ECM), 5-Cyl. Diesel	GN-BN	7/8:2	Pressure sensor, climate control system	GN-BN
	4/46A:33	Engine control module (ECM), 1.6L Diesel				
	4/46B:49	Engine Control Module (ECM), 5-Cyl. Turbo				
	4/46B:51	Engine Control Module (ECM), 4-Cyl. Turbo, 5 & 6-Cyl.				
14	4/46A:45	Engine control module (ECM), Diesel	BN	7/8:1	Pressure sensor, climate control system	BN
	4/46B:16	Engine Control Module (ECM), 5-Cyl. Diesel				
	4/46B:37	Engine Control Module (ECM), 4-Cyl. Turbo				
	4/46B:53	Engine Control Module (ECM), 5 & 6-Cyl.				
15	4/46A:21	Engine control module (ECM), 1.6L Diesel	GY-BN	7/8:3	Pressure sensor, climate control system	GY-BN
	4/46B:8	Engine Control Module (ECM), 5-Cyl. Diesel				
	4/46B:31	Engine Control Module (ECM), 4-Cyl. Turbo, 5 & 6-Cyl.				
	73/3145	Branching point				

74/310 4-Cyl. 1.6L Turbo

8-pin black

No.	Engine harness			Engine harness		
1	8/6:2	Injection valves	YE-BU	4/46A:3	Engine Control Module (ECM)	YE-BU
2	8/6:1	Injection valves	GN-BU	4/46A:77	Engine Control Module (ECM)	GN-BU
3	8/7:2	Injection valves	BU-OG	4/46A:25	Engine Control Module (ECM)	BU-OG
4	8/7:1	Injection valves	GY-YE	4/46A:52	Engine Control Module (ECM)	GY-YE
5	8/8:2	Injection valves	GN-VT	4/46A:26	Engine Control Module (ECM)	GN-VT
6	8/8:1	Injection valves	VT-GY	4/46A:76	Engine Control Module (ECM)	VT-GY
7	8/9:2	Injection valves	BU	4/46A:27	Engine Control Module (ECM)	BU
8	8/9:1	Injection valves	YE-OG	4/46A:53	Engine Control Module (ECM)	YE-OG

Connectors

74/310, S80/V70

74/310 4-Cyl. 2.0L Turbo 16-pin black

No.	Engine harness			Engine harness		
1	8/6:1	Injection valves	GN-BU	4/46A:77	Engine Control Module (ECM)	GN-BU
2	7/24:1	Front knock sensor	BN-GN	4/46A:85	Engine Control Module (ECM)	BN-GN
3	7/24:2	Front knock sensor	VT-OG	4/46A:60	Engine Control Module (ECM)	VT-OG
4	8/7:1	Injection valves	GY-YE	4/46A:52	Engine Control Module (ECM)	GY-YE
5	8/8:1	Injection valves	VT-GY	4/46A:76	Engine Control Module (ECM)	VT-GY
6	8/9:1	Injection valves	YE-OG	4/46A:53	Engine Control Module (ECM)	YE-OG
7	7/23:1	Rear knock sensor	BN-GN	4/46A:85	Engine Control Module (ECM)	BN-GN
8	7/23:2	Rear knock sensor	BN-BU	4/46A:61	Engine Control Module (ECM)	BN-BU
9	8/6:2	Injection valves	YE-BU	4/46A:3	Engine Control Module (ECM)	YE-BU
10	-		-	-		-
11	-		-	-		-
12	8/7:2	Injection valves	BU-OG	4/46A:25	Engine Control Module (ECM)	BU-OG
13	8/8:2	Injection valves	GN-VT	4/46A:26	Engine Control Module (ECM)	GN-VT
14	8/9:2	Injection valves	BU	4/46A:27	Engine Control Module (ECM)	BU
15	-		-	-		-
16	-		-	-		-

Connectors

74/301 - 74/310, S60/V60

74/301

34-pin black

No.	Engine harness		Engine compartment harness		
13	4/46B:51 4/46B:23 4/46A:33 4/46B:49	Engine control module (ECM), 4-Cyl. T & 6-Cyl. T Engine Control Module (ECM), 5-Cyl. Diesel Engine Control Module (ECM), 4-Cyl. Diesel Engine Control Module (ECM), 5-Cyl. T	GN-BN	7/8:2 Pressure sensor, climate control system	GN-BN
14	4/46B:53 4/46B:37 4/46B:16 4/46A:45	Engine Control Module (ECM), 5-Cyl. T & 6-Cyl. Engine Control Module (ECM), 4-Cyl. T Engine Control Module (ECM), 5-Cyl. Diesel Engine Control Module (ECM), 4-Cyl. Diesel	BN	7/8:1 Pressure sensor, climate control system	BN
15	4/46B:31 4/46B:11 73/3145	Engine control module (ECM), 4-Cyl. T & 6-Cyl. Engine Control Module (ECM), 5-Cyl. Diesel Branching point, 4-Cyl. Diesel	GY-BN	7/8:3 Pressure sensor, climate control system	GY-BN

74/310 4-Cyl. Turbo 1,6L

8-pin black

No.	Engine harness		Engine harness		
1	8/6:2	Injectors	YE-BU	4/46A:3 Engine Control Module (ECM)	YE-BU
2	8/6:1	Injectors	GN-BN	4/46A:77 Engine Control Module (ECM)	GN-BN
3	8/7:2	Injectors	BU-OG	4/46A:25 Engine Control Module (ECM)	BU-OG
4	8/7:1	Injectors	GY-YE	4/46A:52 Engine Control Module (ECM)	GY-YE
5	8/8:2	Injectors	GN-VT	4/46A:26 Engine Control Module (ECM)	GN-VT
6	8/8:1	Injectors	VT-GY	4/46A:76 Engine Control Module (ECM)	VT-GY
7	8/9:2	Injectors	BU	4/46A:27 Engine Control Module (ECM)	BU
8	8/9:1	Injectors	YE-OG	4/46A:53 Engine Control Module (ECM)	YE-OG

Connectors

74/310, S60/V60

74/310 4-Cyl. Turbo 2,0L
16-pin black

No.	Engine harness			Engine harness		
1	8/6:1	Injectors	GN-BU	4/46A:77	Engine Control Module (ECM)	GN-BU
2	7/24:1	Rear knock sensor	BN-GN	4/46A:85	Engine Control Module (ECM)	BN-GN
3	7/24:2	Front knock sensor	VT-OG	4/46A:60	Engine Control Module (ECM)	VT-OG
4	8/7:1	Injectors	GY-YE	4/46A:52	Engine Control Module (ECM)	GY-YE
5	8/8:1	Injectors	VT-GY	4/46A:76	Engine Control Module (ECM)	VT-GY
6	8/9:1	Injectors	YE-OG	4/46A:53	Engine Control Module (ECM)	YE-OG
7	7/23:1	Rear knock sensor	BN-GN	4/46A:85	Engine Control Module (ECM)	BN-GN
8	7/23:2	Front knock sensor	BU-BN	4/46A:61	Engine Control Module (ECM)	BU-BN
9	8/6:2	Injectors	YE-BU	4/46A:3	Engine Control Module (ECM)	YE-BU
10	-		-	-		-
11	-		-	-		-
12	8/7:2	Injectors	BU-OG	4/46A:25	Engine Control Module (ECM)	BU-OG
13	8/8:2	Injectors	GN-VT	4/46A:26	Engine Control Module (ECM)	GN-VT
14	8/9:2	Injectors	BU	4/46A:27	Engine Control Module (ECM)	BU
15	-		-	-		-
16	-		-	-		-

Connectors

74/310, XC60

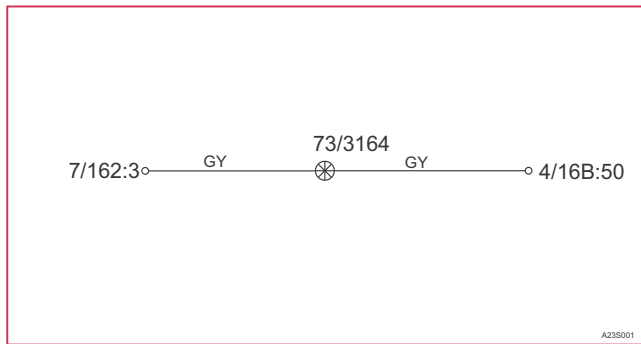
74/310 4-Cyl. Turbo 16-pin black

No.	Engine harness			Engine harness		
1	8/6:1	Injectors	GN-BU	4/46A:77	Engine Control Module (ECM)	GN-BU
2	7/24:1	Front knock sensor	BN-GN	4/46A:84	Engine Control Module (ECM)	BN-GN
3	7/24:2	Front knock sensor	VT-OG	4/46A:60	Engine Control Module (ECM)	VT-OG
4	8/7:1	Injectors	GY-YE	4/46A:52	Engine Control Module (ECM)	GY-YE
5	8/8:1	Injectors	VT-GY	4/46A:76	Engine Control Module (ECM)	VT-GY
6	8/9:1	Injectors	YE-OG	4/46A:53	Engine Control Module (ECM)	YE-OG
7	7/23:1	Rear knock sensor	BN-GN	4/46A:85	Engine Control Module (ECM)	BN-GN
8	7/23:2	Rear knock sensor	BN-BU	4/46A:61	Engine Control Module (ECM)	BN-BU
9	8/6:2	Injectors	YE-BU	4/46A:3	Engine Control Module (ECM)	YE-BU
10	-		-	-		-
11	-		-	-		-
12	8/7:2	Injectors	BU-OG	4/46A:25	Engine Control Module (ECM)	BU-OG
13	8/8:2	Injectors	GN-VT	4/46A:26	Engine Control Module (ECM)	GN-VT
14	8/9:2	Injectors	BU	4/46A:27	Engine Control Module (ECM)	BU
15	-		-	-		-
16	-		-	-		-

Branching points

73/3164

73/3164 4-Cyl. Diesel



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