

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

A B C D E F G H

8 7 6 5 4 3 2 1

TO BODY HARNESS
ABS CONNECTOR
8P 250SRS M
TYCO P/N-172135-1

1. 20 2.5 R IGN
2. 02 2.5 R/L B+
* 3. CAN H1E
4. 80 1.0 P PARK
5. 6 1.0 BR DBR
6. 151 2.5 B GND
* 7. CAN L1E
8.

I/C WITH DIAGNOSTIC CONNECTOR
TTP-8S3FN or Tyco-282087-1
3-POLE, FEMALE,
SUPER SEAL, 1.5 SRS

1 PIN-1 1.0 R
2 PIN-2 1.0 B
3 PIN-8 1.0 BR

EAPDA DIAGNOSTIC I/C
4POLE 250 SRS FEMALE
TYCO PART NO-172134-1

1.CAN L1EA 0.5 B
2.CAN H1EA 0.5 W
3. 11 1.0 L
4.

RESISTOR MODULE
2 POLE 250SRS
YAZAKI PART NO:
71236329

5A 4A
300 OHM; 3 WATT.

ABS INDICATION SWITCH
TYCO: 173850-1

1. 80 1.0 P PARKING
2. 81 1.0 BR EARTH
3. 5 0.75 L ABS LAMP
4.
5.
6. 7 1.5 B DIGONESTIC SW
7. 8 1.0 BR/W DIGONESTIC SW
8. 4 1.5 R ABS LAMP

VIEW FROM CABLE ENTRY SIDE

TYCO PART NO: 0-1355206-1
CONNECTOR X1

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

1 CAN L1E GND ECU+ K-Line
2 5 UB 11 14 DBR
3 CAN H1E 6 GND 12 WL 15

S.NO CKT NO. Wire Size COLOUR CIRCUIT FROM CIRCUIT TO

1 6 1.0 BR TO BODY WH ABS CONNECTOR ECU Pin no 14 CONN.-X1
2 5 0.75 L ABS INDICATION SW [ABS LAMP (5)] ECU Pin no 15 CONN.-X1
3 4 1.5 R ABS INDICATION SW [ABS LAMP (4)] SP 1
4 83 2.5 R SP 1 ECU Pin no 7 CONN.-X1
5 29 2.5 R TO BODY WH ABS CONNECTOR SP 1
6 8 1.0 BR/W ABS INDICATION SW [DIGONESTIC SW (8)] JOINT ON CKT 5
7 7 1.5 B ABS INDICATION SW [DIGONESTIC SW (7)] SP 2
8 PIN 2 1.0 B DIAG.CONN.-PIN 2 SP 2
9 84 2.5 B ECU PIN 4 SP 2
10 85 2.5 B ECU PIN 9 SP 2
11 88 2.5 B 1 P GROUND CONNECTOR SP 2
12 151 2.5 B TO BODY WH ABS CONNECTOR SP 2
13 PIN 8 1.0 BR DIAG. CONN.-PIN 8 ECU PIN 10 CONN.-X1
14 82 2.5 R/L TO BODY WH ABS CONNECTOR X1- CONNECTOR (8)
15 PIN 1 1.0 R DIAG. CONN.-PIN 1 SPLICE ON 82
16 80 1.0 P TO BODY WH ABS CONNECTOR ABS INDICATION SWITCH (1)
17 81 1.0 BR ABS INDICATION SWITCH (2) SP 2
18 4A 0.5 R FROM 4 RESISTOR MODULE
19 5A 0.5 L FROM 5 RESISTOR MODULE
20 CAN L1E 0.5 B ABS CONNECTOR (7) ECU PIN 1 CONN. X1
21 CAN H1E 0.5 W ABS CONNECTOR (8) ECU PIN 3 CONN. X1
22 11-08D 0.5 P E APU IGN SP 1
23 CAN L1EA 0.5 B EAPDA DIAG. I/C (1) SP CAN L1E
24 CAN H1EA 0.5 W EAPDA DIAG. I/C (2) SP CAN H1E
25 11 1.0 L EAPDA DIAG. I/C (3) ECU PIN 11 CONN. X1

HOUSING
P/N - 1355206-1 AMP
9 & 15 GOLD TERMINAL
PART NO - 0-0927768-9 AMP
CONNECTOR X1

50mm 150 1250 120 50 50 80 50

1 11-08D 0.5 P E-APU IGN CONN 250 SRS 1P M

1-WAY GROUND CONNECTOR
CONNECTOR TYCO P.NO: 282079
TERMINAL TYCO P.NO: 282110-1

1 88 2.5 B

Drawing notes:-
1) All dimensions should be in mm.
2) All wires used should be as per FLRY-B, DIN72551 part 56a/ISO 6722 (Class-A).
3) All connector views should be from wire entry side only.
4) All connectors & other components/parts used in wiring harness should be mentioned with their original source part number & its equivalent supplier part number.
5) Branch taping to be done as per supplier manufacturing standards.
6) Specify twisted wire views with twisting length with 80-40 turns per meter & untwisted length is 50+/-15.
7) All corrugated tubes should comply to FMVSS302 "SE"/UL94, V-2 Grade only.
8) Wiring harness label should contain, VECV part no., date of manufacturing, supplier name with logo, part description & ok stamp in visible area as shown in drawing.
9) Spiral/rough taping is to be done under corrugated tube.
10) All splices and earth terminals/eyelets in wet areas like Chassis, Engine room should be covered with a water-proof jelly filled HST (Heat shrinkable tube) to avoid water ingress into joints.
11) Untapped length at end of connectors should be from 20mm to 50mm or connector width wherever required.
12) TOLERANCE OF BRANCH LENGTH SHOULD BE AS PER Tolerance table only.
13) This part must confirm to ESP81-0004 & ES-EL-001 for Wiring Harness.
14) Clips and cable ties used in wiring harness drawing should be tight unless otherwise specified.
15) a. Clips/cable ties should be tightened using a process to ensure all clips are tight unless otherwise specified.
b. Clip cutting edges should not sharp with a maximum length of 3-5mm unless otherwise specified.
16) Optional taping should be done with 2-3 rounds on optional branches.
17) Ensure tightening force such that the corrugated tube or water.
18) Fuses/relays & other components used in wiring harness should be from approved supplier from VECV.
19) Corrugated tubes/slit tubes should have start and end taping and point taping is to be done 3-4 turns at an interval of every 200+50mm with at single overlap with PVC tape unless otherwise specified.
20) Rubber grommets should be made of EPDM material.
21) All changes to the wire harness drawing and therefore to the physical harness itself, shall be controlled by the Engineering Change Notification.
22) Cap should be attached properly for battery/starter terminals so that it should not come out.
23) Special notes/drawing notes will be shown at right side of the drawing.
24) * indicates twisted paired wires. 40 twists per meter.
25. Pre-Moulded resistor should be used as Resistor module..

TOLERANCE

UPTO 500 +30/-0
UPTO 2000 +50/-0
UPTO 5000 +60/-0
ABOVE 5000 +75/-0

CODE COLOR

R/L RED/BLUE
Y/L YELLOW/BLUE
W/B WHITE/BLACK
SB SKY BLUE
GR GREY
V VIOLET
LG LIGHT GREEN
P PINK
G GREEN
O ORANGE
L BLUE
Y YELLOW
BR BROWN
R RED
B BLACK

SYMBOL

CLOTH TAPE
CORRUGATED TUBE
FULL TAPPING
TUBE VTB
YELLOW POINT TAPE
NODE WITH TERMINAL OR CONNECTOR
NODE
SPLICE LOCATION

QTY PART No. DESCRIPTION SYM MATERIAL SIZE WT. REMARKS

ALL DIMENSIONS ARE IN MM

⊕ - CRITICAL
● - MAJOR
○ - MINOR

TOLERANCES UNLESS SPECIFIED

HEAT TREATMENT MATERIAL

EFFECTIVE CASE DEPTH WT-%

HARDNESS SURF DRN DATE

FINISH SURFACE ROUGHNESS

VE COMMERCIAL VEHICLES LTD.

ABS CAB HARNESS

PART No./DRG. No. IE321182

SHT. No. 1 of 1 CL. SIZE A1

THIS DOCUMENT TO BE USED ONLY WITHIN WABCO AND BY THE INDICATED CUSTOMER.

General Specifications: J4D-534-1
Further Technical Data: 449 011 000 0
Doc. Code: 030
General Tolerances: J4D-561

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Date: 2017-10-04
Drawn: 2017-10-04
Checked: 2017-10-04
Event: Synt

Material No.: 447 100 565 0
Date of first issue: 2017-10-04
Doc. Code: 005
Language: EN
Sheet: 1/1

Class: 11
Size: 1.0
Medium: 1.0
Coarse: 2.0

NTS

A 0 CREO

NOTES:
1.FOR CUSTOMER AGREED DEVIATION, REFER DOC.CODE 978.
2.VECV IS TOTAL RESPONSIBLE FOR DESIGN AND FUNCTIONALITY.
3.WABCO IS RESPONSIBLE FOR PRODUCE AND SUPPLY ONLY.ALL OTHER LIABILITY BELONGS TO VECV.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

[illegible]