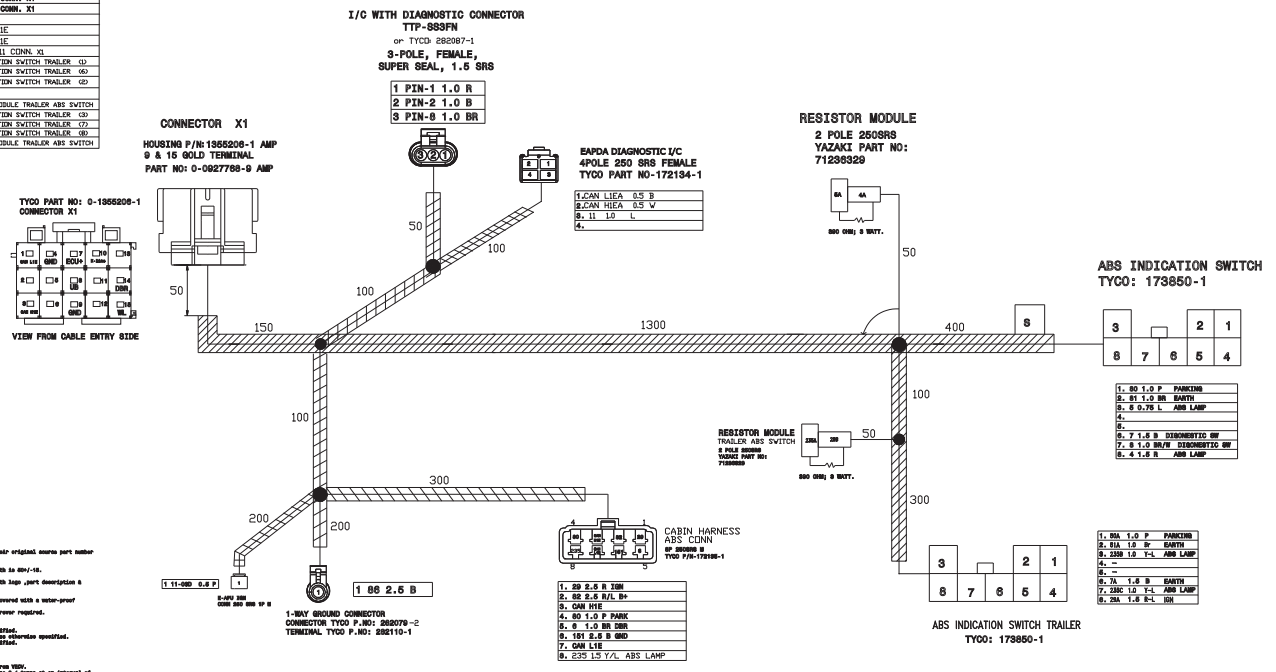
C.L.	E.C.O.	ZONE	REVISION	CHKD.	DATE
A	ECO-17-0338		NEW DRAWING RELEASE	BK	22/02/17

CKT NO.	Wire Size	COLOUR	CIRCUIT FROM	CIRCUIT TO
6	1.0	BR	TO BODY WH ABS CONNECTOR	ECU Pin no 14 CONN.-X1
5	0.75	L	ABS INDICATION SW [ABS LAMP (5)]	ECU Pin no 16 CONN.-X1
4	1.5	R	ABS INDICATION SW [ABS LAMP (4)]	SP 1
85	2.5	R	SP 1	ECU Pin no 7 CONN.-X1
29	2.5	R	TO BODY WH ABS CONNECTOR	SP 1
8	1.0	BR/W	ABS INDICATION SW [DIGONESTIC SW (8)]	JOINT ON CKT 5
7	1.5	B	ABS INDICATION SW [DIGONESTIC SW (7)]	SP 2
PIN 2	1.0	B	DIAG.CONN.-PIN 2	SP 2
84	2.5	B	ECU PIN 4	SP 2
85	2.5	B	ECU PIN 9	SP 2
86	2.5	B	1 P GROUND CONNECTOR	SP 2
151	2.5	B	TO BODY WH ABS CONNECTOR	SP 2
PIN 8	1.0	BR	DIAG. CONN.-PIN 8	ECU PIN 10 CONN.-X1
82	2.5	R/L	TO BODY WH ABS CONNECTOR	X1- CONNECTOR (6)
PIN 1	1.0	R	DIAG. CONN.-PIN 1	SPLICE WITH CKT 82.
80	1.0	P	CABIN HARNESS ABS CONN	ABS INDICATION SWITCH (1)
81	1.0	BR	ABS INDICATION SWITCH (2)	SP 2
4A	0.5	R	FROM 4	RESISTOR MODULE
5A	0.5	L	FROM 5	RESISTOR MODULE
* CAN L1E	0.5	B	ABS CONNECTOR (7)	ECU PIN 1 CONN. X1
* CAN H1E	0.5	W	ABS CONNECTOR (8)	ECU PIN 8 CONN. X1
11-08D	0.5	P	E APU IGN	SP 1
* CAN L1EA	0.5	B	EAPDA DIAG. I/C (1)	SP CAN L1E
* CAN H1EA	0.5	W	EAPDA DIAG. I/C (2)	SP CAN H1E
11	1.0	L	EAPDA DIAG. I/C (3)	ECU PIN 11 CONN. X1
80A	1.0	P	JOINT ON 80	ABS INDICATION SWITCH TRAILER (1)
7A	1.5	B	SPLICE 2	ABS INDICATION SWITCH TRAILER (6)
81A	1.0	BR	JOINT ON 81	ABS INDICATION SWITCH TRAILER (2)
235	1.5	Y/G	CABIN HARN ABS CONN (8)	SPLICE 5
235A	1.5	Y/G	SPLICE 5	RESISTOR MODULE TRAILER ABS SWITCH
235B	1.0	Y/G	SPLICE 5	ABS INDICATION SWITCH TRAILER (3)
235C	1.0	Y/G	SPLICE 5	ABS INDICATION SWITCH TRAILER (7)
29A	1.5	R/L	SPLICE 1	ABS INDICATION SWITCH TRAILER (8)
29B	1.5	R/L	SPLICE 1	RESISTOR MODULE TRAILER ABS SWITCH



Drawing notes-

1) All dimensions should be in mm.
2) Wire/cable number should be used as Harnmar module.
3) All wires used should be as per FLRY-A, ECE(R10) part 888/880 6723.
4)All connector views should be from wire entry side only.
5) All connectors & other components/parts used in wiring harness should be mentioned with their original source part number & its equivalent supplier part number.
6) Branch taping to be done as per supplier manufacturing standards.
7)Squashy twisted wire views with twisting length with 25-40 turns per meter & untwisted length in 20+/-10.
8)Wire/cable length should be measured in straight line with 10% tol.Branch only.
9)Wiring harness label should contain, YEW part no., date of manufacturing, supplier name with logo ,part description & ch stamp in visible area on sheet in drawing.
10) Spiral/rough taping is to be done under corrugated tube.
11)All splices and earth terminals/eyelets is not cross like Chassis ,Engine room should be covered with a water-proof jelly filled HST (Heat shrinkable tube) to avoid water ingress into joints.
12) Untaped length at end of connectors should not be more than 50 mm or connector width wherever required.
13)Connector & terminal combination should be as per TYCO catalogue.
14)This part of harness is BOM1-0084 & BM-B-001 for Eicher harness.
15) Clips and cable ties used in wiring harness drawing should be tight unless otherwise specified.
a. Elastomeric ties should be tightened using a pressure to every all sides are tight unless otherwise specified.
b. Clip cutting edges should not sharp with a maximum length of 2-4mm unless otherwise specified.

16) Optional taping should be done with 2-3 rounds on optional branches.
17) Secure tightening forces each time the prescribed tools or equivalent.
18) Harness tape should be as per specification, Tape should be from approved supplier from YEDV.
19) Corrugated tubes/PIX tubes should have short end and taping and point taping is to be done 3-4 turns at an interval of every 200 mm 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) Bus shield on alternator properly for battery/starter terminals so that it should not come out.
23) Cable ties should be positioned properly so as to be same at right side of the drawing.
24) " Indicates twisted paired wires. 40 twists per meter.
25. FUNCTION NAME STICKERS TO BE PROVIDED ON ALL BRANCHES.
26. WEBER HARNESS LABEL SHOULD HAVE BAR CODE MARKING AND OTHER DETAILS CONFORMING TO VECV STANDARD D-MED-002

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

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

QTY	PART No.	DESCRIPTION	SYM	MATERIAL	SIZE	WT.	REMARKS

ALL DIMENSIONS ARE IN MM
(CR) – CRITICAL
● – MAJOR
○ – MINOR
TOLERANCES UNLESS SPECIFIED

HEAT TREATMENT | MATERIAL | EFFECTIVE CASE DEPTH | WT-Kg. 0.5 | HARDNESS | SURF | SCALE DRAWING SCALE | CORE | DRN PKP DATE | FINISH | SURFACE ROUGHNESS | CHD BK | APPD SDS

EICHER
VE COMMERCIAL VEHICLES LTD.
DESCRIPTION
ABS CAB HARNESS
PART No./DRG. No.
IE319257
SHT. No. 1 of 1 | CL. A | SIZE A1

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

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

General Specification:	JED-334-1
Further Technical Data:	449 011 000 0
Doc. Code: 035	Sheet: 01 To: 09

General Tolerances JED-261

Class 1)	Range of Nominal Dimensions (± mm) ≤ 50	> 50 ≤ 180	> 180 ≤ 400	> 400	∢
Fine	0.5	1.0	1.5	2.0	±3°
Medium	1.0	2.0	3.0	4.0	
Coarse	2.0	3.5	5.0	6.5	

Tapped Holes acc.
1) Tolerance Class Applied Crossmarked

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Date	Signature
Drawn 2017-03-10	Shanmuga E
Checked 2017-03-10	Sujith
Expert Senthilmurugan	

WABCO
WIRING HARNESS ABS-CAB

Mass	Scale	Material No.	Date of first issue: 2017-03-10
1 KG	NTS	447 100 482 0	Doc.Code 005 / Language EN / Sheet 1/1
Size A 1	CAD System CREO	ECN-No. - / Revision - / Techn. Regs. 6391_WIN	Replacement for -

100mm

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