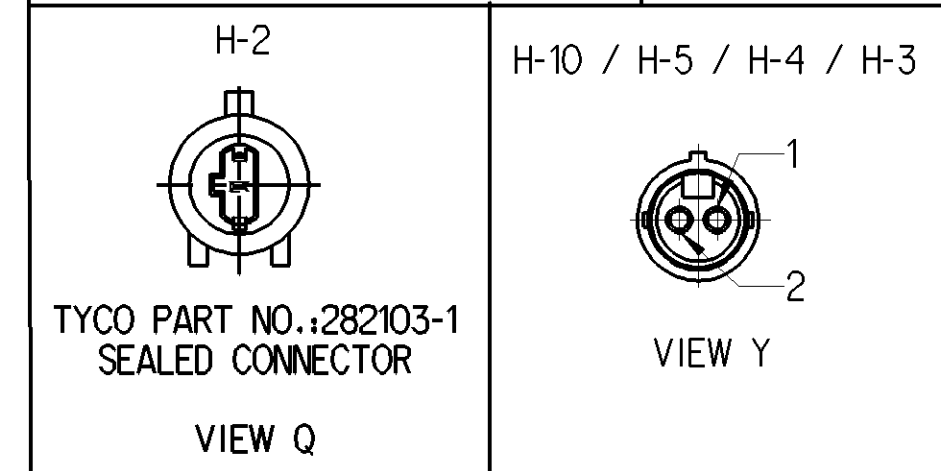
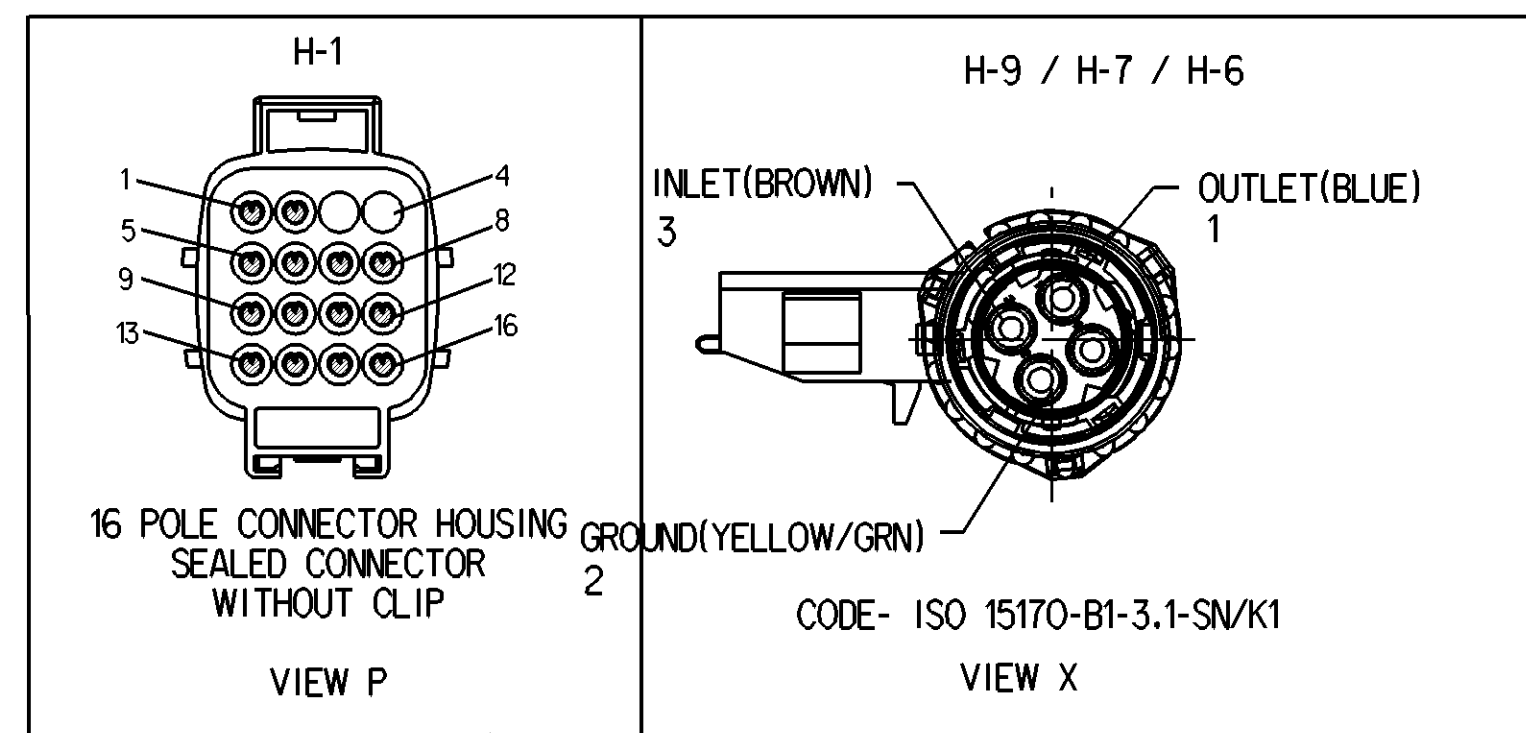




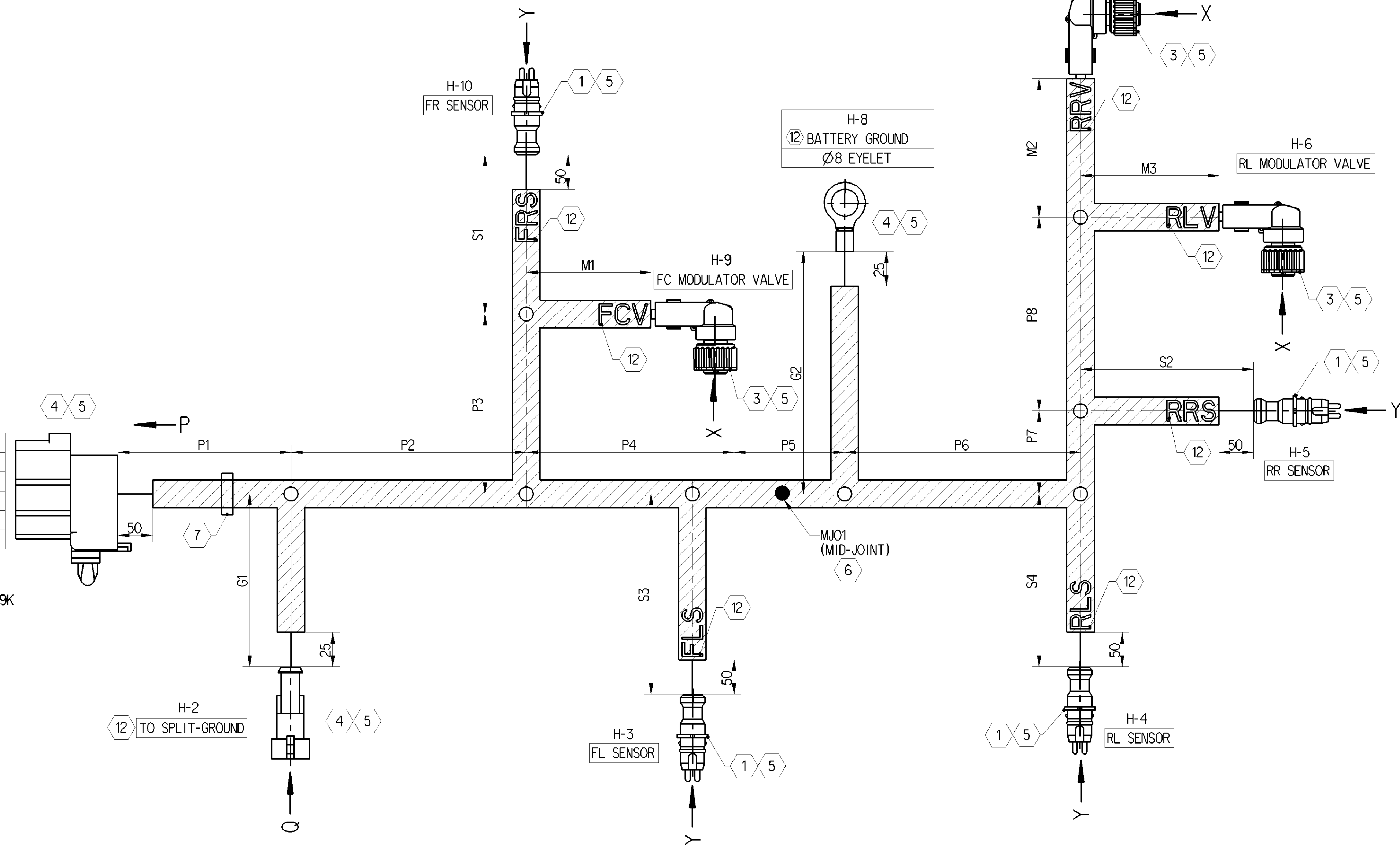
H-1		
⑫ W/H SPLIT HARNESS ABS		
DESCRIPTION	TYCO P.NO.	QTY
CONNECTOR	368050-1	1
SEC.LOCK	368051-1	1
CLIP	85229-1	1

NOTES:
OPERATING VOLTAGE : 08-32 V DC
OPERATING TEMPERATURE : -40 TO +105° C

- ① TWO CORE TWISTED CABLES OF ~35mm/TWIST SENSOR CABLES. MATED TO WABCO WHEEL SPEED SENSOR, TOGETHER SEALING IP6K9K. NO POLARITY FOR WHEEL SPEED SENSOR CABLE COLORS OR CONNECTORS
- ② MODULATOR VALVE CABLES. MATED TO WABCO MODULATOR VALVE, TOGETHER SEALING IP6K9K
- ③ SEE VIEW FOR MODULATOR VALVE CONNECTOR CONTACT POSITIONS. CONNECTOR AS PER ISO 15170
- ④ CUSTOMER MATING CONNECTORS TO MEET THE MANUFACTURERS INTERFACE DIMENSIONS
- ⑤ FOR CONNECTORS AND CONTACTS MANUFACTURERS PRODUCT SPECIFICATION IS VALID
- ⑥ ALL YELLOW/GREEN WIRES FROM THE MODULATOR VALVE CABLES SHALL BE SPLICE JOINTED AND CONNECTED
- ⑦ INDELIBLE IDENTIFICATION TAG INDICATING CUSTOMER PART NUMBER SHALL BE PROVIDED AS PER LOCATION SHOWN. CONTENTS OF THE LABEL AS PER DEVICE DOC.922
- ⑧ ALL THE CABLES SHALL BE COVERED WITH FIRE RETARDANT SLIT TYPE CORRUGATED TUBES (PPFR) OF BLACK COLOR 
- ⑨ FURTHER TECHNICAL DATA AS PER THE PRODUCT SPECIFICATION 449 011 000 0 (DOC 035)
- ⑩ FOR INSTALLATION RESTRICTIONS PLEASE REFER 449 000 000 0 (DOC 11)
THE POWER SUPPLY LINES TO BE FUSED IN ACCORDANCE TO ISO/DIS 8820
CABLE DESIGN AND INSTALLATION HAS TO BE CARRIED OUT THAT NO ELECTROMAGNETIC INTERFERENCE OCCURS
HOT AIR TO BE DIVERTED AWAY FROM WIRING HARNESS SUITABLY
- ⑪ SPLIT JOINTS- BLACK COLOR PVC INSULATION TAPES SHALL BE USED AT JOINTS
DO 2-3 TURNS OF POINT TAPING ON SLIT PORTION OF CORRUGATED TUBE FOR EVERY DISTANCE OF 200MM
- ⑫ IDENTIFICATION TAG TO BE PROVIDED ON ALL END OF BRANCHES.
- ⑬ ALL WIRES TO MEET ISO 6722:2006 (CLASS B) & FLAMMABILITY REQUIREMENTS TO MEET ISO 6722:2006
- ⑭ COT TUBE TO MEET FLAMMABILITY REQUIREMENT AS PER UL94-V-2

IDENTIFICATION TAGS (INDELIBLE)							
SE/MV	SENSOR EXTENSION (SE) CABLE				MODULATOR VALVE (MV) CABLE		
LOCATION	FRONT LEFT	FRONT RIGHT	REAR LEFT	REAR RIGHT	FRONT COMMON	REAR LEFT	REAR RIGHT
ID TAG	FL-S	FR-S	RL-S	RR-S	FC-V	RL-V	RR-V

CIRCUIT TABLE									
S NO	WIRE TYPE	COLOR	WIRE CSA SQ. MM	FROM		TO		FUNCTION	REMARKS
				CONNECTOR	PIN	CONNECTOR	PIN		
1	FLRYB	BROWN	0.75	H-1	13	H-10	1	SENSOR CABLE	FRS
2	FLRYB	BLACK	0.75	H-1	10	H-10	2	SENSOR CABLE	FRS
3	FLRYB	BROWN	0.75	H-1	15	H-3	1	SENSOR CABLE	FLS
4	FLRYB	BLACK	0.75	H-1	12	H-3	2	SENSOR CABLE	FLS
5	FLRYB	BROWN	0.75	H-1	16	H-5	1	SENSOR CABLE	RRS
6	FLRYB	BLACK	0.75	H-1	7	H-5	2	SENSOR CABLE	RRS
7	FLRYB	BROWN	0.75	H-1	14	H-4	1	SENSOR CABLE	RLS
8	FLRYB	BLACK	0.75	H-1	11	H-4	2	SENSOR CABLE	RLS
9	FLRYB	BLUE	1	H-1	9	H-7	1	MV OUTLET	RRV
10	FLRYB	BROWN	1	H-1	8	H-7	3	MV INLET	RRV
11	FLRYB	BLUE	1	H-1	5	H-6	1	MV OUTLET	RLV
12	FLRYB	BROWN	1	H-1	2	H-6	3	MV INLET	RLV
13	FLRYB	BLUE	1	H-1	6	H-9	1	MV OUTLET	FCV
14	FLRYB	BROWN	1	H-1	1	H-9	3	MV INLET	FCV
15	FLRYB	BLACK	2.5	MJ01	-	H-2	1	SYSTEM GROUND	GROUND
16	FLRYB	YEL/GRN	1	MJ01	-	H-7	2	MV GROUND	GROUND
17	FLRYB	YEL/GRN	1	MJ01	-	H-6	2	MV GROUND	GROUND
18	FLRYB	YEL/GRN	1	MJ01	-	H-9	2	MV GROUND	GROUND
19	FLRYB	BLACK	2.5	MJ01	-	H-8	1	BATTERY GROUND	GROUND



TOLERANCE CHART		
BRANCH LENGTHS		
S.No.	LENGTH IN mm	TOLERANCE mm
1	LESS THAN 200	+10/-0
2	201 TO 500	+15/-0
3	501 TO 1000	+20/-0
4	1001 TO 2000	+25/-0
5	2001 TO 5000	+25/-0
6	OVER 5001	+30/-0
MAIN TRUNK		
S.No.	LENGTH IN mm	TOLERANCE mm
1	LESS THAN 200	+/- 10
2	201 TO 500	+/- 10
3	501 TO 1000	+/- 10
4	1001 TO 2000	+15/-0
5	2001 TO 5000	+15/-0
6	OVER 5001	+20/-0
FOR CLIPS		
CLIP TO CLIP TOLERANCE mm		
ALL		+5/-0
FOR GROMMET AND CLIPS IN mm		
GROMMET/CLIP TO BRANCH/ OTHER COMPONENT		+10/-0

CORRUGATED TUBE DETAILS	
ID/OD SIZE/ COLOUR	LENGTH(S)
Ø19/Ø25/ BLACK	P1, P2, P4, P5, P6
Ø12/Ø16/ BLACK	P3, P7, P8
Ø7/Ø10/ BLACK	S1, S2, S3, S4 M1, M2, M3, G1, G2

General Specification: JED-334-1				Copyright WABCO®		WABCO															
Further Technical Data:449 011 000 0				Date		Signature		WIRING HARNESS (ABS 4S/3M)													
Doc. Code: 035		Sheet: 01		Of: 09		Drawn:															
General Tolerances JED-261				2015-10-30		Checked: Ashokkumar															
Range of Nominal Dimensions (± mm)				2015-10-31		Sujith															
Class 1				Expert		Senthilmurugan															
<table><tr><td>> 50</td><td>> 180</td><td></td><td rowspan="3">±3°</td></tr><tr><td>≤ 160</td><td>≤ 400</td><td>> 400</td></tr><tr><td></td><td></td><td></td></tr></table>				> 50	> 180		±3°	≤ 160	≤ 400	> 400				Mass		Scale		Material No.		Date of first issue: 2015-07-30	
> 50	> 180		±3°																		
≤ 160	≤ 400	> 400																			
Fine				/ kg		NTS		447 100 098 0		Doc. Code Language Sheet											
Medium				Size		CAD System		Revision		Tech. Resp.											
Coarse				A 1		CREO		ECH-No. 168965		2 B 6391.WIN											
Tapped Holes acc.				Revision		Tech. Resp.		Replacement for													
1) Tolerance Class Applied Crossmarked																					