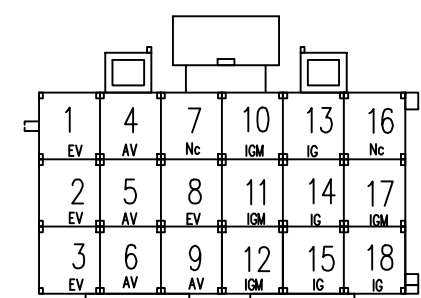


PART No.				GA
M594270				
ENGINEERING CHANGES				
ECN No.	DATE	REV	SIGN	
12105	02.05.11	New	RGJ	

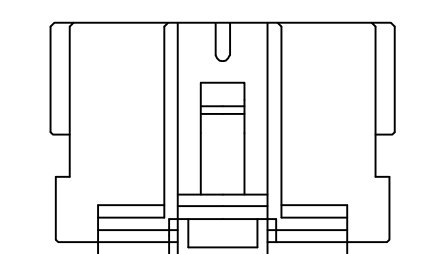
DO NOT SCALE IF IN DOUBT ASK

Wire table							Remarks
Sl.No	Wire size in sqmm	WIRE COLOUR	From Connector	Pin	To Connector	Pin	
1	1.0	Brown	X2	1	FR-MV	3	FR-MV Inlet
2	1.0	Blue	X2	4	FR-MV	1	FR-MV Outlet
3	1.0	Brown	X2	3	FL-MV	3	FL-MV Inlet
4	1.0	Blue	X2	6	FL-MV	1	FL-MV Outlet
5	1.0	Brown	X2	8	RR-MV	3	RR-MV Inlet
6	1.0	Blue	X2	9	RR-MV	1	RR-MV Outlet
7	1.0	Brown	X2	2	RL-MV	3	RL-MV Inlet
9	1.0	Blue	X2	5	RL-MV	1	RL-MV Outlet
10	1.0	Yellow/Green	FR-MV	2	J1	1	Midjoint- Ground
11	1.0	Yellow/Green	FL-MV	2	J1	1	Midjoint- Ground
12	1.0	Yellow/Green	FL-MV	2	J1	1	Midjoint- Ground
13	1.0	Yellow/Green	FL-MV	2	J1	1	Midjoint- Ground
14	1.5	Black	Connector A	1	J1	1	Midjoint- Ground
15	0.75	Black	X2	10	FR-S	1	FR-Sensor
16	0.75	Brown	X2	13	FR-S	2	FR-Sensor
17	0.75	Black	X2	12	FL-S	1	FL-Sensor
18	0.75	Brown	X2	15	FL-S	2	FL-Sensor
19	0.75	Black	X2	17	RR-S	1	RR-Sensor
20	0.75	Brown	X2	18	RR-S	2	RR-Sensor
21	0.75	Black	X2	11	RL-S	1	RL-Sensor
22	0.75	Brown	X2	14	RL-S	2	RL-Sensor



View from cable entry side

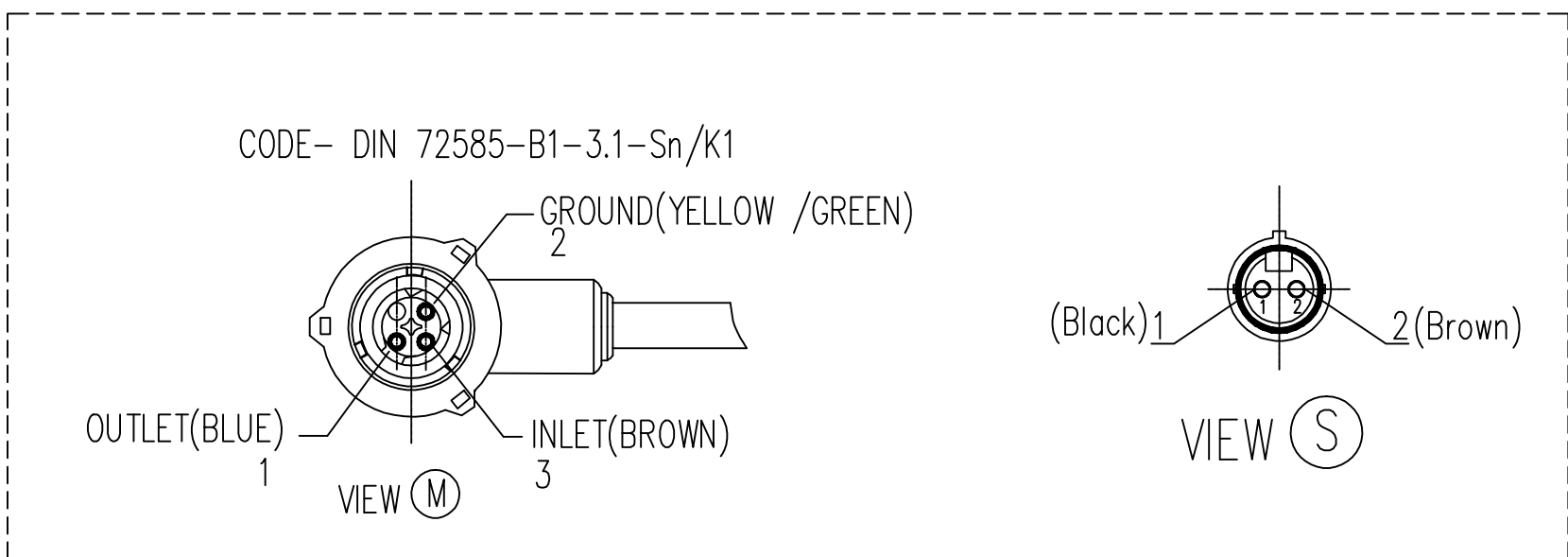
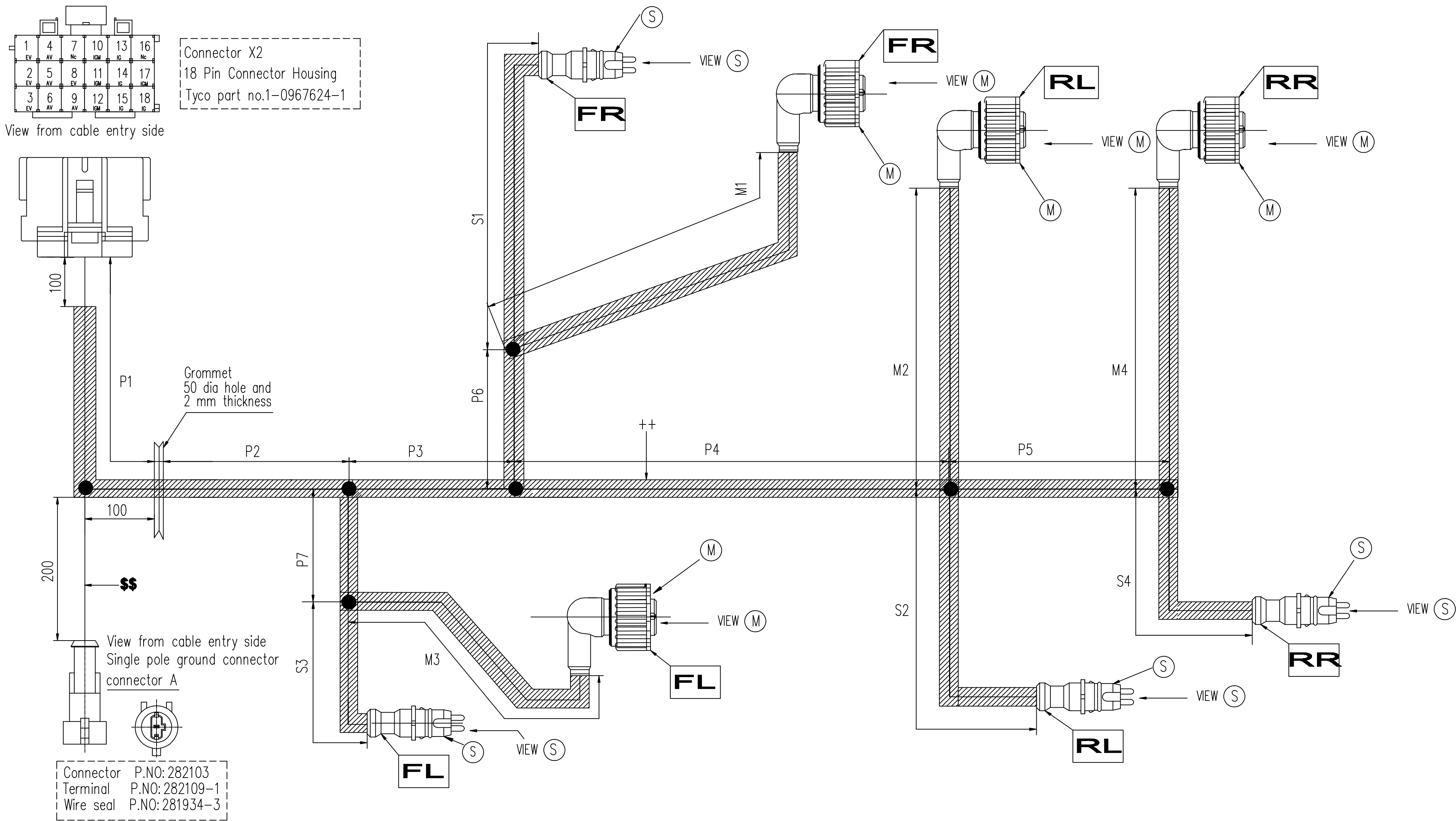
Connector X2
18 Pin Connector Housing
Tyco part no.1-0967624-1



Grommet
50 dia hole and
2 mm thickness

View from cable entry side
Single pole ground connector
connector A

Connector P.NO: 282103
Terminal P.NO: 282109-1
Wire seal P.NO: 281934-3



				CABLE BRANCHWISE LENGTH (mm)																Sensor Cable				Modulator cable			
Sl. No.	WABCO PART No.	MNAL PART No.	VEHICLE MODEL	P1	P2	P3	P4	P5	P6	P7	S1	S2	S3	S4	M1	M2	M3	M4	FR	FL	RR	RL	FR	FL	RR	RL	
1	M594270	7905KAP00221N	25 T (SL.CAB 5000 WB)	400	1550	1875	4050	710	1790	200	175	280	180	220	230	150	190	325	5790	8155	8805	8805	5845	2850	8910	8025	
2	M594280	7905FAP00101N	25 T (SL.CAB 5350 WB)	400	1550	1875	4400	710	1790	200	175	100	180	150	230	100	190	325	5790	8325	9085	9085	5845	2850	9260	8325	
3	M596880	7905FAP00121N	31 T	400	3250	350	5000	620	880	350	175	580	150	580	200	170	180	170	5055	9580	10200	10200	5080	4450	9790	9170	

NOTE :

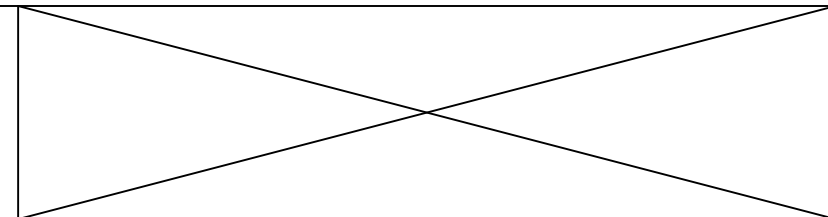
- 1 BLACK COLOUR PVC INSULATION TAPES SHALL BE USED AT JOINTS
- 2 CRIMPING OF CABLES SHALL BE DONE USING AUTOMATIC/SEMI AUTOMATIC MACHINES ONLY
- 3 M - 3 CORE POLYURETHANE MODULATOR VALVE CABLES
- 4 S - 2 CORE POLYURETHANE SENSOR CABLES, HAVING A TWIST OF > 20 TWISTS/METER.
- 5 SEE VIEW FOR MODULATOR VALVE CONNECTOR CONTACT POSITIONS.
- 6 ALL SE/MV CABLE TERMINAL - Tyco P.No:0-0927771 -3 (WABCO P.No:894 070 734 4)
- 7 ++ ALL CABLES SHALL BE COVERED WITH FIRE RETARDANT SLIT TYPE COT TUBES OF APPROPRIATE SIZES.
- 8 SENSOR EXTENSION AND MODULATOR VALVE CABLES TO BE IDENTIFIED WITH RESPECTIVE LABELS (FR-Front Right, FL-Front Left, RR-Rear Right, RL-Rear Left)
- 9 TOLERANCE SHOULD BE + 50 / - 0 mm at all branches
- 10 SLIT TYPE COT TUBE (PPFR) OF BLACK COLOUR WITH FOLLOWING AS PER ISO 6722
 - a. FLAME SHOULD EXTINGUISH NATURALLY
 - b. CUMBUSTION RATE SHOULD BE MAXIMUM 100 mm/min
- 11 \$\$ GROUND WIRES SHOULD BE 'FLRY 1' AS PER DIN-72551 PART 6

XV	STEEL	ZINC-IRON PLATED
XIV	CAST IRON	NO TREATMENT
XIII	ZINC ALLOY	ANODISED
XII	PLASTIC	NO TREATMENT
XI	RUBBER	NO TREATMENT
X	STAINLESS STEEL	NO TREATMENT
IX	BRASS	NO TREATMENT
VIII	ZINC ALLOY	CHROMATED
VII	ALUMINIUM ALLOY	ANODISED
VI	ALUMINIUM ALLOY	CHROMATED
V	CAST IRON	PAINTED
IV	STEEL	POWDER COATED
III	STEEL	PAINTED
II	STEEL	PHOSPHATED
I	STEEL	ZINC PLATED
PART CODE	MATERIAL	SURFACE PROTECTION

	SIGN	DATE	MATERIAL	---
DRN	RR	02.05.11	ALTERNATE MATERIAL	---
CHD	RGJ	02.05.11	SURFACE PROTECTION	---
APD	SN	02.05.11	RAW PART No.	---

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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN mm
REMOVE BURRS AND SHARP EDGES FROM FINISHED PARTS
ALL DIMENSIONS ARE AFTER SURFACE PROTECTION / TREATMENT
MALE THREAD TO IS 14962 (Part 3) 6h : 2001
FEMALE THREAD TO IS 14962 (Part 3) 6H : 2001



WABCO AMBATTUR, CHENNAI - 600058, INDIA			
SCALE NTS	ABS FRAME WIRING HARNESS MV/SE CABLE ASSEMBLY FOR ABS 4S/4M SYSTEM 12V/24V,KWP2000		PART No. M594270 GA