



- NOTES:
- 1 QUALITY ASSURANCE REQUIREMENTS PER CHRYSLER PS-7300: SPC DATA REQUIRED
  - 2 ENGINEERING APPROVAL OF SUPPLIER SAMPLES IS REQUIRED PRIOR TO AUTHORIZATION OF PART PRODUCTION
  - 3 CHANGES IN DESIGN COMPOSITION OR PROCESSING FROM THE PART PREVIOUSLY APPROVED FOR PART PRODUCTION REQUIRES PRIOR ENGINEERING APPROVAL
  - 4 WIRING FABRICATORS MUST PURCHASE FROM SOURCES SHOWN
  - 5 ALL THE SEALED CONNECTOR APPLICATIONS MUST BE USED WITH CHRYSLER WIRE SPEC. MS-8288, MS-9502 OR FORD ESB-MIL123-A THIN WALL X-LINK 20, 18, 16 & 14 GAGE WIRES ONLY. UNLESS OTHERWISE SPECIFIED WIRE INSULATIONS (Ø1.70 MIN TO Ø2.77 MAX). ISO THIN WALL EQUIVALENTS ACCEPTABLE
  - 6 ALL NON-SEALED APPLICATIONS MAY BE USED WITH ANY WIRE INSULATION 22 GAGE THRU 10 GAGE (EXCEPT AS NOTED) PROVIDING THAT A TERMINAL GRIP FOR THAT CORE/INSULATION COMBINATION IS SHOWN ON THE FEMALE TERMINAL DRAWING ISO THIN WALL EQUIVALENTS ACCEPTABLE
- MAX. INSULATION CRIMP WIDTH = 4.50  
 MAX. INSULATION CRIMP HEIGHT = 4.50  
 MAX. INSULATION DIA. = 4.09 (10 GA THIN WALL)
- 7 USE WITH CAVITY PLUG MVL 5420005 DPN 15316894 WHEN REQ'D USE WITH 2.80MM APEX FEMALE TERMINAL PER MVL C15004-CUST SYMMETRICAL ABOUT CENTERLINE FOR 180° ORIENTATION
  - 8 DIRECT CONNECT DRAWING NO. G36005, USCAR/EWCAP 280-S-005-1-Z01 & (CHRYSLER 04793884AA)
  - 9 TEST METHOD PER CHRYSLER PERFORMANCE SPEC# PF-9600, CONNECTOR ENGAGE & DISENGAGE WITH LATCH DEPRESSED FORCE NOT TO EXCEED 90N FOR THIS SYSTEM
- CPA SEATING FORCES - 40N MAX  
 WEDGE SEATING FORCES - 100N MAX
- 10 SUPPLIER, MOLD & CAVITY I.D. SIGNIFIES TOOL OWNERSHIP, FOR REFERENCE
  - 11 ANNUAL QUALITY REQUIREMENTS: IT IS PERMISSIBLE TO PERFORM CONTINUOUS CONFORMANCE PER MVL SPECIFICATION #AQA-001 INSTEAD OF ANNUAL LAYOUT & ANNUAL PV REQUIREMENTS OF QS-9000 SECTION 2 & PF-9600

		CHART-ASSEMBLY PART NUMBERS			
		UNSEALED		SEALED	
		W/O CPA	W/CPA	W/CPA	W/O CPA
MVL	DELPHI PART NO. REV	CUSTOMER P/N'S			
54200517N	F 33513166 01	N/A			
54200518N	F 33513167 01	N/A			
54200519N	F 33513168 01	N/A			
54200520N	F 33513169 01	N/A			
54200517	F 15437693 01	C 04793891AA F TL11-44666-CA			
54200518	F 33513163 01	C 04793892AA			
54200519	F 33513164 01	C 04793893AA			
54200520	F 33513165 01	C 04793894AA			
54200521	F 13849910 01	C 04793897AA			
54200522	F 13927728 01	C 04793888AA			
54200523	F 33511912 01	C 04793889AA			
54200524	F 33511913 01	C 04793890AA			
54200524N	F 33513170 01	N/A			
54200522N	F 33513171 01	N/A			
54200523N	F 33513172 01	N/A			
54200524N	F 33513173 01	N/A			

  

INDEX TYPE	COLOR	SEALED/UNSEALED	MVL	DELPHI	CUSTOMER	MATING ASSEMBLY PART NUMBER FOR REFERENCE ONLY
D	NATURAL	UNSEALED	54200520N	33513169	N/A	DIRECT CONNECT APPLICATION
		UNSEALED	54200520	33513165	C 04793894AA	
		SEALED	54200524N	33513173	N/A	DIRECT CONNECT APPLICATION
		SEALED	54200524	33511913	C 04793890AA	
C	DK GRAY	UNSEALED	54200519N	33513168	N/A	DIRECT CONNECT APPLICATION
		UNSEALED	54200519	33513164	C 04793893AA	
		SEALED	54200523N	33513172	N/A	DIRECT CONNECT APPLICATION
		SEALED	54200523	33511912	C 04793889AA	
B	LT GRAY	UNSEALED	54200518N	33513167	N/A	DIRECT CONNECT APPLICATION
		UNSEALED	54200518	33513163	C 04793892AA	
		SEALED	54200522N	33513171	N/A	DIRECT CONNECT APPLICATION
		SEALED	54200522	13927728	C 04793888AA	
A	BLACK	UNSEALED	54200517N	33513166	N/A	DIRECT CONNECT APPLICATION
		UNSEALED	54200517	04793891AA	C 04793891AA F TL11-44666-CA	
		SEALED	54200521N	33513170	N/A	DIRECT CONNECT APPLICATION
		SEALED	54200521	13849910	C 04793887AA	

  

ITEM	MVL	DELPHI	PART NAME	MATERIAL	COLOR
1	54200505	33513158	INSULATOR INDEX A	PA66GF35	BLACK
2	54200506	33513159	INSULATOR INDEX B	PA66GF35	LT GRAY
3	54200507	N/A	INSULATOR INDEX C	PA66GF35	DK GRAY
4	54200508	N/A	INSULATOR INDEX D	PA66GF35	NATURAL
5	54200513	33513160	WEDGE	PA66GF35	ROYAL BLUE
6	54200514	33513161	RING SEAL	SILICONE	RED
7	54200515	33513169	END SEAL	SILICONE	LT BLUE
8	54200516	33513162	RETAINER	PA66GF35	BLACK
9	54200003	15537297	CPA LATCH	PA66GF35	RED

MATING PART NUMBER CHART						
INDEX TYPE	COLOR	SEALED/UNSEALED	MVL	DELPHI	CUSTOMER	MATING ASSEMBLY PART NUMBER FOR REFERENCE ONLY
D	NATURAL	UNSEALED	54200520N	33513169	N/A	DIRECT CONNECT APPLICATION
		UNSEALED	54200520	33513165	C 04793894AA	
		SEALED	54200524N	33513173	N/A	DIRECT CONNECT APPLICATION
		SEALED	54200524	33511913	C 04793890AA	
C	DK GRAY	UNSEALED	54200519N	33513168	N/A	DIRECT CONNECT APPLICATION
		UNSEALED	54200519	33513164	C 04793893AA	
		SEALED	54200523N	33513172	N/A	DIRECT CONNECT APPLICATION
		SEALED	54200523	33511912	C 04793889AA	
B	LT GRAY	UNSEALED	54200518N	33513167	N/A	DIRECT CONNECT APPLICATION
		UNSEALED	54200518	33513163	C 04793892AA	
		SEALED	54200522N	33513171	N/A	DIRECT CONNECT APPLICATION
		SEALED	54200522	13927728	C 04793888AA	
A	BLACK	UNSEALED	54200517N	33513166	N/A	DIRECT CONNECT APPLICATION
		UNSEALED	54200517	04793891AA	C 04793891AA F TL11-44666-CA	
		SEALED	54200521N	33513170	N/A	DIRECT CONNECT APPLICATION
		SEALED	54200521	13849910	C 04793887AA	

LEGENDS:  
 MVL: MOTORIZED VEHICLE DIVISION  
 C: CHRYSLER  
 F: FORD

13-01276 ALL ECO 422551-ADDED DELPHI P/N'S FOR MVL PARTS, ITC & CHRYSLER P/N'S REPLACED. ASSEMBLY PART NUMBER CHARTS UPDATED TO REPLACE WITH MVL AND NOTES UPDATED.

11-00155 ALL REVISED AND REDRAWN IN PDS: P/N CHART AND NOTES UPDATED SEE REV F1 FOR PREVIOUS CHANGES TO P/N: TL11-44666-CA ADDED.

REV	DATE	BY	DESCRIPTION
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DO NOT REUSE DRAWING: TITLE: CHRYSLER ASSEMBLY 5-WAY FEMALE H59006 SERIAL RELEASED

DATE: 11/05/06 BY: [Signature] CHECKED: [Signature] APPROVED: [Signature]

FILE NAME: H59006.DWG