

GROUP 4 CONNECTORS

1. CONNECTOR DESTINATION

Connector number	Type	No. of pin	Destination	Connector part No.	
				Female	Male
CN-4	DEUTSCH	60	I/conn (Dashboard harness-Main harness)	DRB16-60SBE-L018	DRB12-60PBE-L018
CN-5	DEUTSCH	48	I/conn (Frame harness-Main harness)	DRB16-48SAE-L018	DRB12-48PAE-L018
CN-6	DEUTSCH	60	I/conn (Main harness-Frame harness)	DRB16-60SBE-L018	DRB12-60PBE-L018
CN-7	AMP	15	I/conn (Main harness-Cab harness)	2-85262-1	368301-1
CN-9	AMP	12	I/conn (Cab harness-Main harness)	2-85262-1	368301-1
CN-10	DEUTSCH	23	I/conn (Frame harness-Front harness)	HD34-24-23PE	HD36-24-23SE
CN-11	DEUTSCH	8	I/conn (Main harness-Aircon harness)	DT06-8S	DT04-8P
CN-12	AMP	15	I/conn (Frame harness-Bottom harness)	2-85262-1	368301-1
CN-13	DEUTSCH	12	I/conn (Frame harness-Engine harness)	DT06-12S	DT04-12P
CN-14	DEUTSCH	12	I/conn (Frame harness-Grill harness)	DT06-12S	DT04-12P
CN-19	Econoseal J	6	I/conn (Emer steer harness-Front harness)	S816-006002	S816-106602
CN-20	DEUTSCH	2	Horn	DT06-2S	-
CN-21	AMP	6	Front wiper motor	936257-1	-
CN-22	KET	2	Front washer tank	MG640605	-
CN-23	KET	2	Speaker (LH)	7123-1520	-
CN-24	KET	2	Speaker (RH)	7123-1520	-
CN-25	DEUTSCH	2	Horn	DT06-2S	-
CN-26	250	2	Warning buzzer	S810-002202	-
CN-27	MK II	16	Radio and MP3 player	PK145-16017	-
CN-27A	MK II	8	USB connector	174984-2	-
CN-28	NMWP	1	Aircon compressor	NMWP01F-B	-
CN-29	KET	2	Receiver drier	MG640795	-
CN-36	-	-	Fuse box assembly	24LK-11552	-
CN-45	Ring term	-	Starter	R14-12	ST 710246-2
CN-56	AMP	20	Cluster	174047-2	-
CN-57	AMP	20	Monitor	174047-2	-
CN-58A	DEUTSCH	40	MCU	DRC26-40-SA	-
CN-58B	DEUTSCH	40	MCU	DRC26-40-SB	-
CN-60	MTA	2	FusS Maxi 40A	07.00910	-
CN-65	DEUTSCH	2	Back up buzzer	DT06-2S	-
CN-71	DEUTSCH	2	Parking solenoid	DT06-2S	-
CN-74	PACKARD	4	Alternator	1218-6568	-
CN-83	NMWP	2	Aircon fan	PB625-02027	-

Connector number	Type	No. of pin	Destination	Connector part No.	
				Female	Male
CN-93	DEUTSCH	50	ECM	DRC26-50S-04	-
CN-94	DEUTSCH	4	ECM power	DT06-4S	-
CN-96	-	2	Fuel heater	1530-0027	-
CN-99	DEUTSCH	2	Resister	DT04-3P-EP10	-
CN-100	DEUTSCH	3	Boom kick out	DT06-3S	-
CN-101A	DEUTSCH	3	Bucket leveler	DT06-3S	-
CN-102	AMP	6	Rear wiper motor	936257-1	-
CN-103	KET	2	Rear washer tank	MG640605	-
CN-112	-	16	Gear box	21L7-60290	-
CN-114	-	6	Joy stick	1-480704-0	-
CN-125	DEUTSCH	12	Remote management	DT06-12S	-
CN-126	DEUTSCH	9	Data link	HD10-9-96P	-
CN-136	AMP	2	Ride control solenoid	85202-1	-
CN-138	250	3	DC/DC Converter	S810-003202	-
CN-139	250	2	12V socket	S810-002202	-
CN-140	Econoseal J	3	Quick coupler	S816-003002	S816-103002
CN-141	Econoseal J	6	Ride control	S816-006002	S816-106002
CN-154	DEUTSCH	2	Fan speed solenoid	DT06-2S	-
CN-155	DEUTSCH	2	Fan reverse solenoid	DT06-2S	-
CN-159	DEUTSCH	8	Gear shift lever	DT06-8S	-
CN-162	Econoseal J	6	Throttle pedal	S816-006602	-
CN-166	AMP	8	Joystick steering	174982-2	-
CN-170	250	2	Seat heater	S810-002202	-
CN-249	DEUTSCH	4	Camera	DT06-4S	DT04-4P
CN-250	AMP	4	Rear view camera	174157-2	-
CN-X2	TYCO	21	TCU(transmission control unit)	3-1534127-1	-
Relay					
CR-1	Ring term	-	Battery relay	S820-104002	-
CR-2	AMP	5	Horn relay	VCFM-1002	-
CR-3	AMP	5	Front work lamp relay	VCFM-1002	-
CR-4	AMP	5	Wiper relay (Hi)	VCFM-1002	-
CR-5	HELLA	5	Safety relay	8JA003526-001	-
CR-7	AMP	5	Aircon relay	VCFM-1002	-
CR-11	HELLA	5	Flasher unit	8JA003526-001	-
CR-23	Ring term	-	Start relay	S820-105000	-
CR-24	Shur	1	Preheater relay	S822-014000	-
CR-25	HELLA	5	ECM power relay	8JA003526-001	-

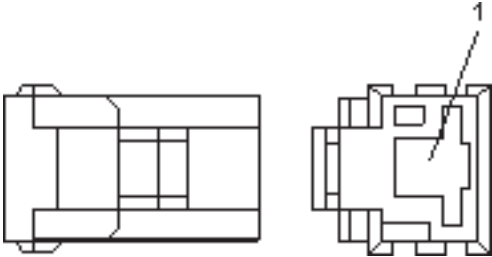
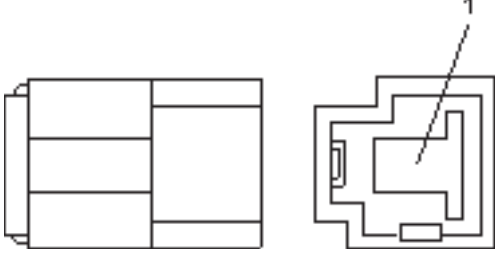
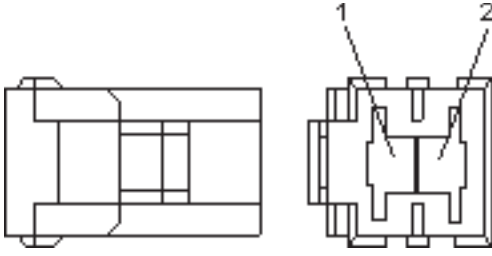
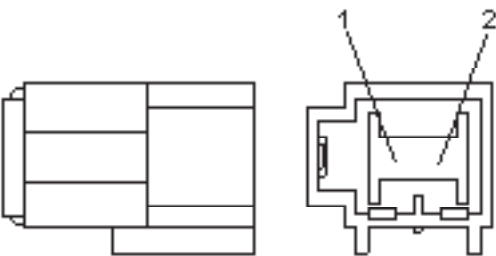
Connector number	Type	No. of pin	Destination	Connector part No.	
				Female	Male
CR-26	AMP	5	Wiper relay (low)	VCFM-1002	-
CR-36	AMP	5	Preheater relay	VCFM-1002	-
CR-39	Ring term	-	Emergency steering pump relay	S820-104000	-
CR-46	HELLA	5	Fuel warmer relay	8JA003526-001	-
CR-55	AMP	5	Rear work lamp relay	VCFM-1002	-
CR-56	KET	4	Mirror heat relay	MG610047-1	-
CR-58	AMP	5	Back up relay	VCFM-1002	-
CR-63	AMP	5	Stop lamp relay	VCFM-1002	-
Switch					
CS-1	Shur	1	Door switch	S822-014004	-
CS-2	SWP	6	Start key switch	S814-006000	-
CS-4	SWF	12	Pilot cut off switch	589790	-
CS-5	Shur	1	Horn switch	S822-014000	-
CS-11	SWP	8	Multi function switch	S814-008000	-
CS-12	SWP	6	Multi function switch	S814-006000	-
CS-17	SWF	12	Parking switch	589790	-
CS-21	SWF	12	Main light switch	589790	-
CS-23	SWF	12	Beacon switch	589790	-
CS-35	SWF	12	Rear wiper	589790	-
CS-36	SWF	12	Work lamp switch	589790	-
CS-41	SWF	12	Hazard switch	589790	-
CS-42	DEUTSCH	3	Clutch cut off dial switch	-	DT06-3S-E008
CS-55	SWF	12	Ride control switch	589790	-
CS-59	DEUTSCH	3	Transmission shift dial switch	-	DT06-3S-E008
CS-73	SWF	12	Fan reverse switch	589790	-
CS-74A	58	2	Master switch	S813-030200	-
CS-74B	DEUTSCH	2	Master switch	DT06-2S	-
CS-75	SWF	12	Emergency steering test switch	589790	-
CS-76	SWF	12	Mirror heater switch	589790	-
CS-77	SWF	12	Attachment lock switch	589790	-
CS-78	SWF	12	Attachment unlock switch	589790	-
CS-80	DEUTSCH	3	Econo mode dial switch	DT06-3S-E008	-
CS-82	SWF	12	Seat heater switch	589790	-
CS-96	SWF	12	Book kick out and bucket leveler set switch	589790	-
CS-97	SWF	12	Detent enable switch	589790	-

Connector number	Type	No. of pin	Destination	Connector part No.	
				Female	Male
Light					
CL-1	KET	3	Room lamp	MG651032	-
CL-2	250	3	Cigar lighter	S810-003202	-
CL-3	DEUTSCH	6	Head light (LH)	DT06-6S	-
CL-4	DEUTSCH	6	Head light (RH)	DT06-6S	-
CL-5	DEUTSCH	2	Work light (LH)	DT06-2S-EP06	-
CL-6	DEUTSCH	2	Work light (RH)	DT06-2S-EP06	-
CL-7	250	2	Beacon lamp	S810-002202	-
CL-15	SWP	4	Combi lamp (RR, LH)	S814-004000	-
CL-16	SWP	4	Combi lamp (RR, RH)	S814-004000	-
CL-21	SWP	2	Numberplate lamp	S814-002000	-
CL-22	DEUTSCH	2	Work light (LH)	DT06-2S	-
CL-23	DEUTSCH	2	Work light (RH)	DT06-2S	-
CL-24	SWP	2	Turn lamp (LH)	S814-002000	-
CL-25	SWP	2	Turn lamp (RH)	S814-002000	-
CL-30	KET	2	Room lamp	MG610392	-
CL-32	DEUTSCH	2	Rear work light (RH)	DT06-2S-EP06	DT04-2P-E005
CL-33	DEUTSCH	2	Rear work light (LH)	DT06-2S-EP06	DT04-2P-E005

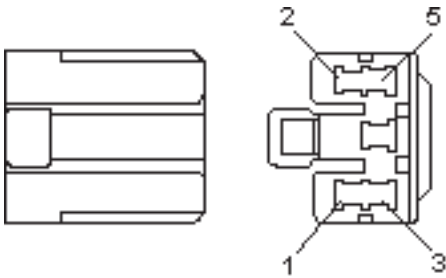
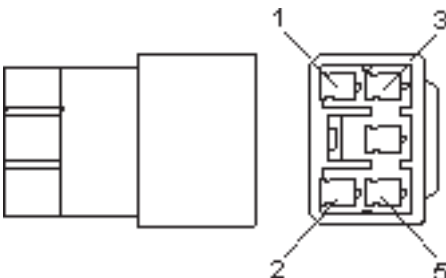
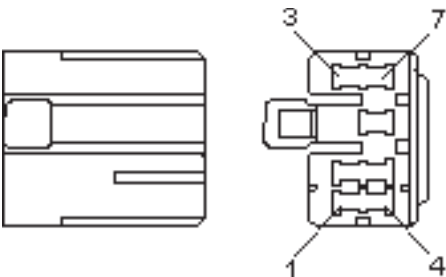
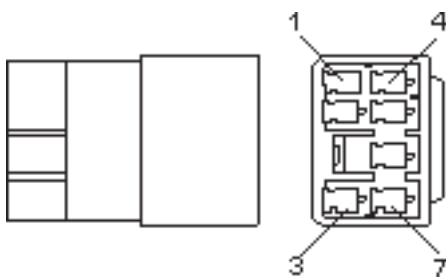
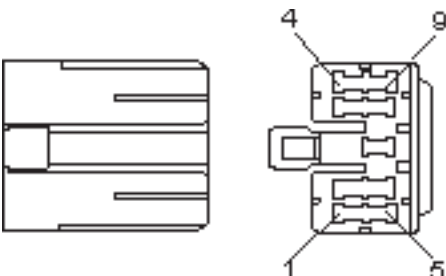
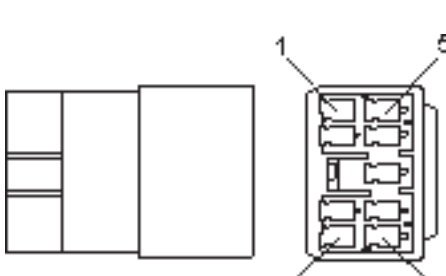
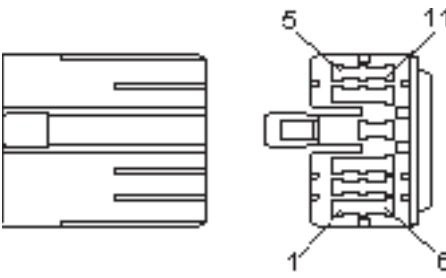
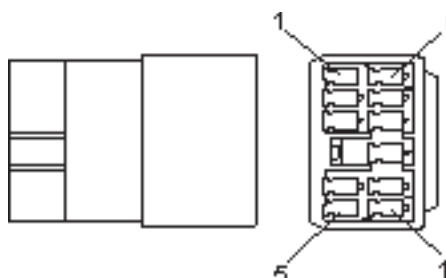
Connector number	Type	No. of pin	Destination	Connector part No.	
				Female	Male
Sensor, sender					
CD-1	AMP	2	Hyduaulic oil temp sendor	85202-1	-
CD-2	SWP	2	Fuel sendor	S814-002000	-
CD-3	DEUTSCH	3	Brake fail pressure switch	DT06-3S	-
CD-4	DEUTSCH	3	Stop lamp pressure switch	DT06-3S	-
CD-5	PACKARD	3	Clutch cut off pressure switch	-	12015793
CD-10	AMP	2	Air cleaner switch	85202-1	-
CD-17	AMP	2	Engine pick-up sensor	85202-1	-
CD-26	DEUTSCH	3	Parking pressure switch	DT06-3S	-
CD-27	AMP	2	Turbin pick up sensor	85202-1	-
CD-39	DEUTSCH	3	Main pump pressure switch	DT06-3S	-
CD-40	DEUTSCH	3	Steering pump pressure switch	DT06-3S	-
CD-45	DEUTSCH	2	WIF sensor	DT06-2S-EP06	-
CD-46	AMP	3	Output speed sensor	282087	-
CD-47	AMP	2	Gear chain senser	85202-5	-
CD-48	AMP	2	Oil filter restriction	282080	-
CD-49	AMP	2	Converter sensor	85202-1	-
CD-73	AMP	2	Speed sendor	174352-2	-
CD-80	DEUTSCH	3	Boom positioner sensor	DT06-3S-EP06	-
CD-81	DEUTSCH	3	Bucket positioner sensor	DT06-3S-EP06	-

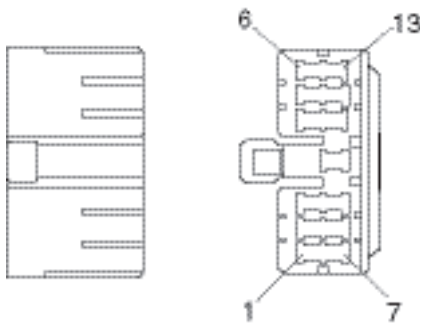
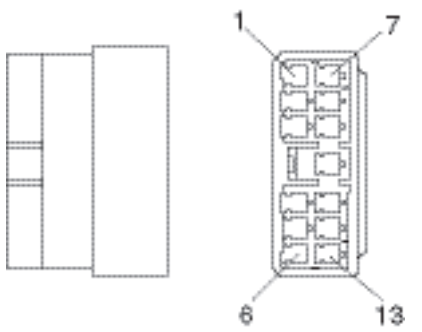
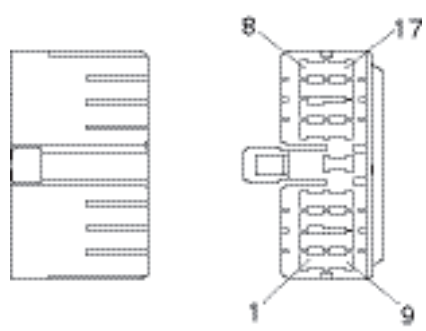
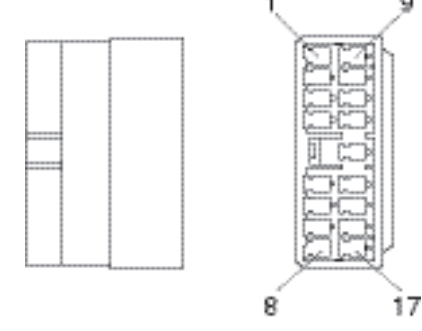
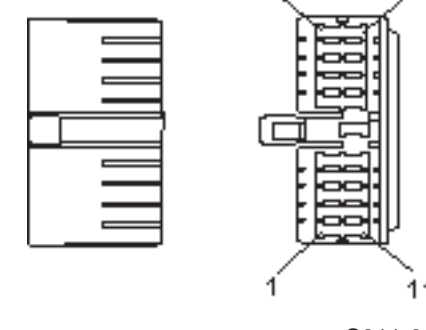
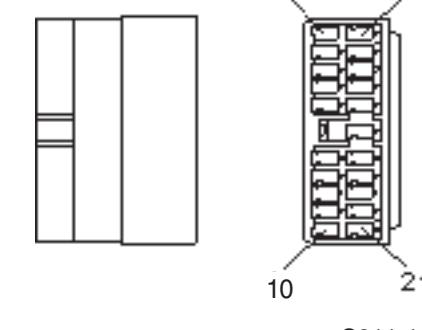
2. CONNECTION TABLE FOR CONNECTORS

1) 58-L TYPE CONNECTOR

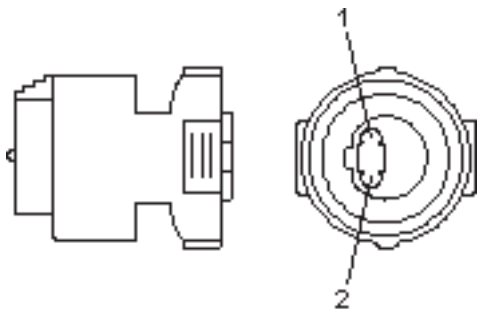
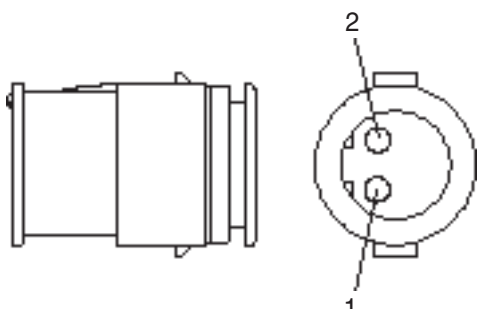
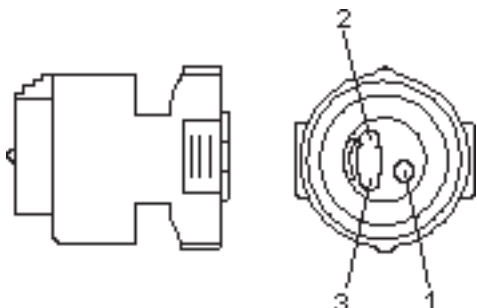
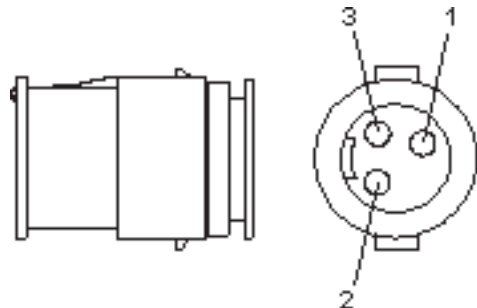
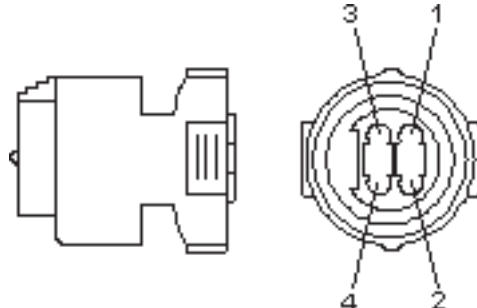
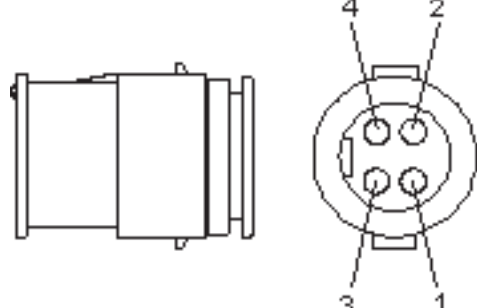
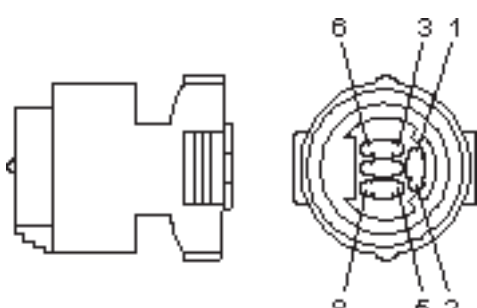
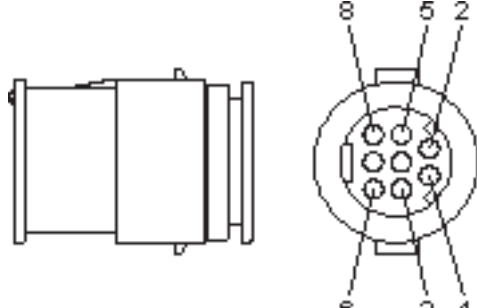
No. of pin	Receptacle connector (female)	Plug connector (male)
1	 S813-030100	 S813-130100
2	 S813-030200	 S813-130200

2) PA TYPE CONNECTOR

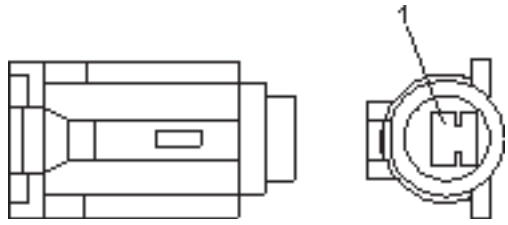
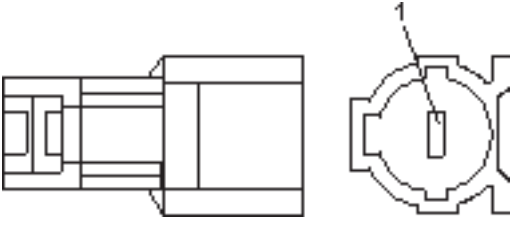
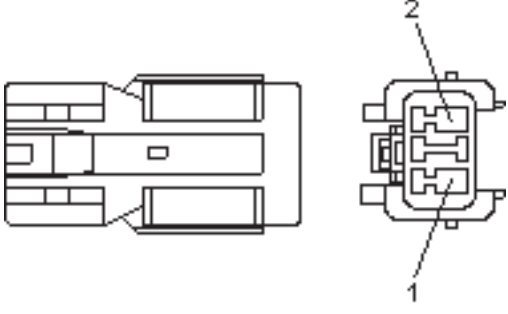
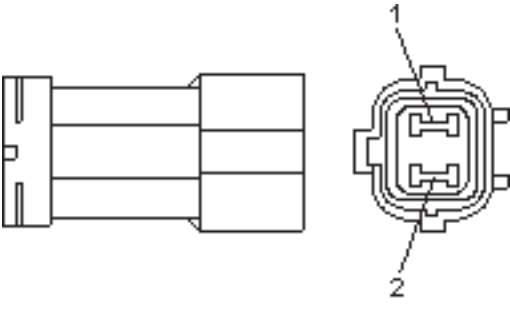
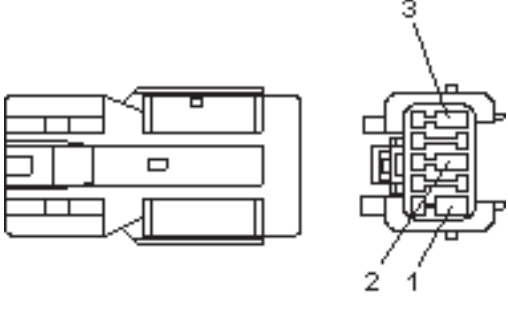
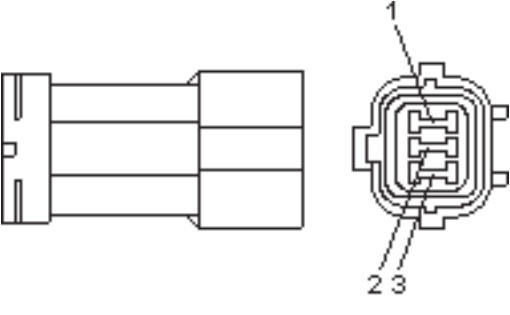
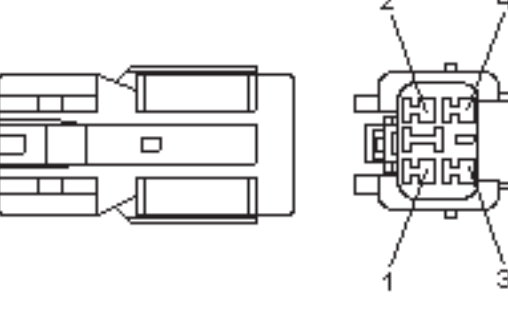
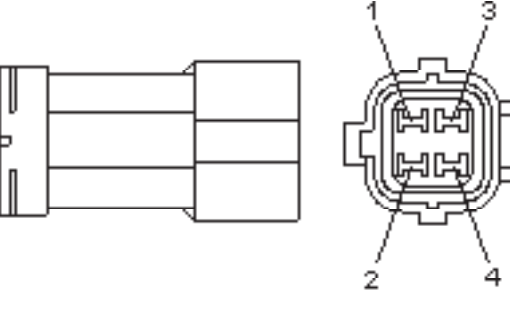
No. of pin	Receptacle connector (female)	Plug connector (male)
5	 S811-005002	 S811-105002
7	 S811-007002	 S811-107002
9	 S811-009002	 S811-109002
11	 S811-011002	 S811-111002

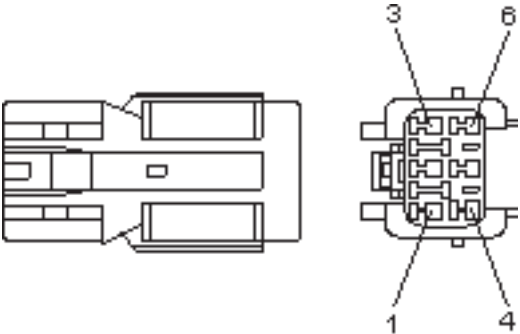
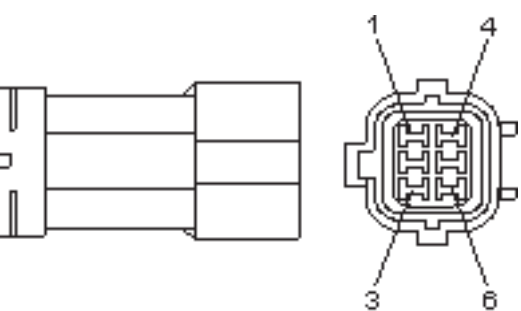
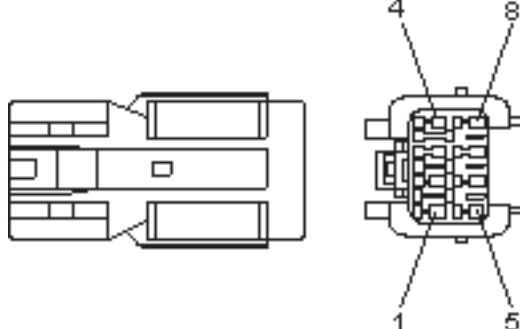
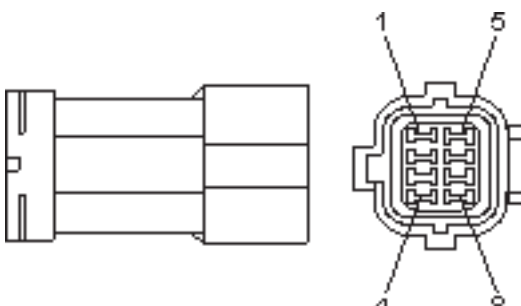
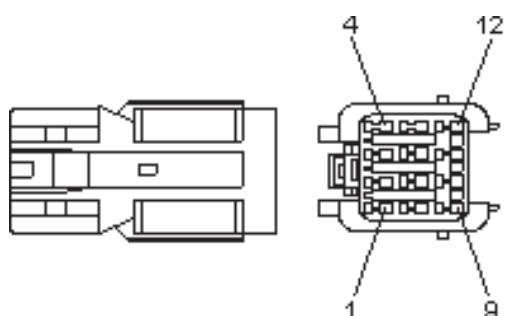
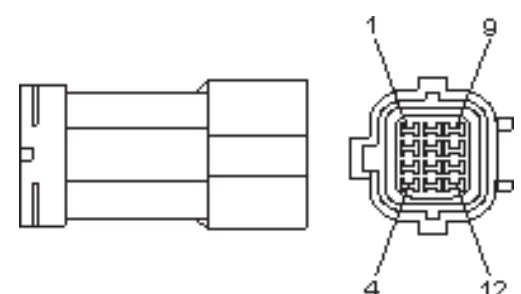
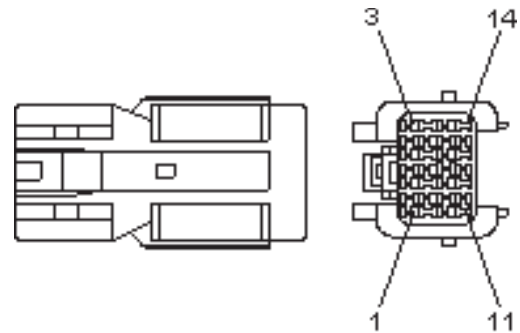
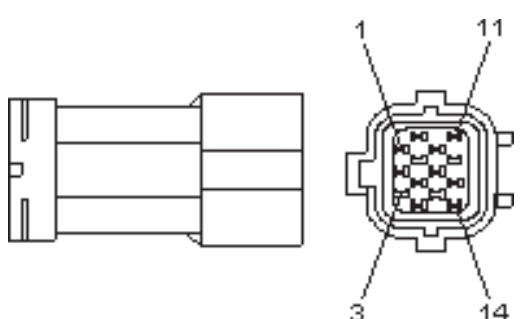
No. of pin	Receptacle connector (female)	Plug connector (male)
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17	 S811-017002	 S811-117002
21	 S811-021002	 S811-121002

3) J TYPE CONNECTOR

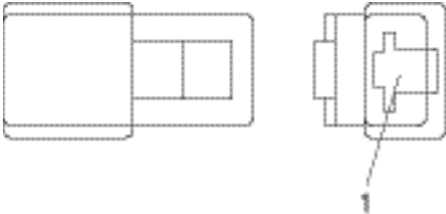
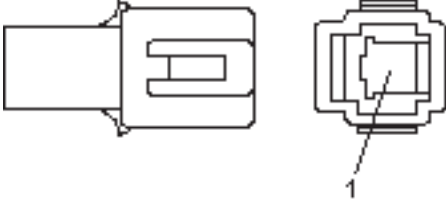
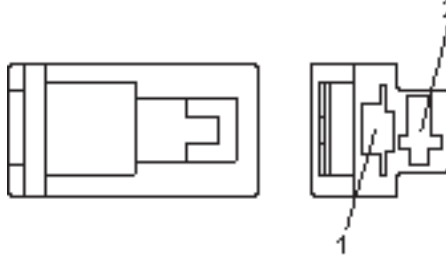
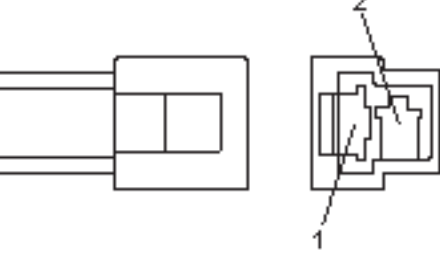
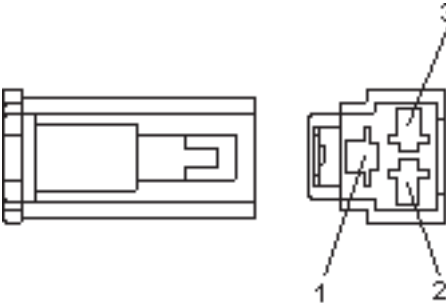
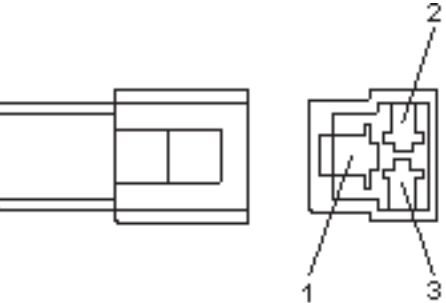
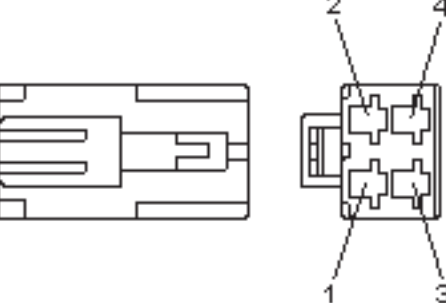
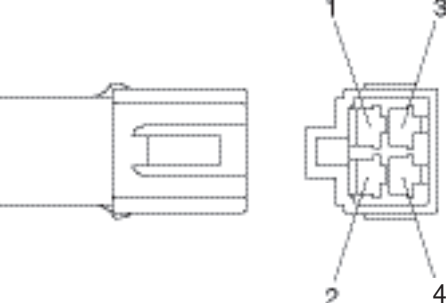
No. of pin	Receptacle connector (female)	Plug connector (male)
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3	 S816-003001	 S816-103001
4	 S816-004001	 S816-104001
8	 S816-008001	 S816-108001

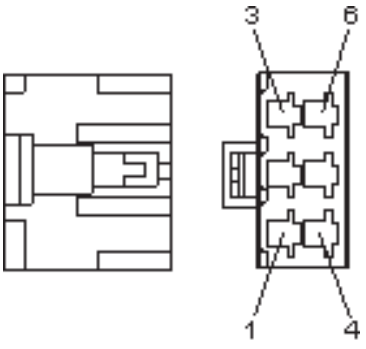
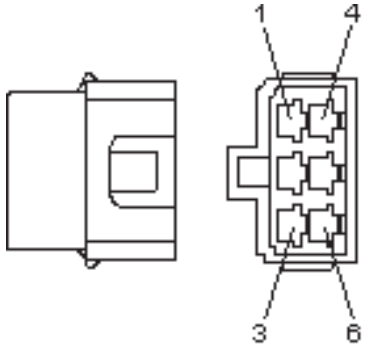
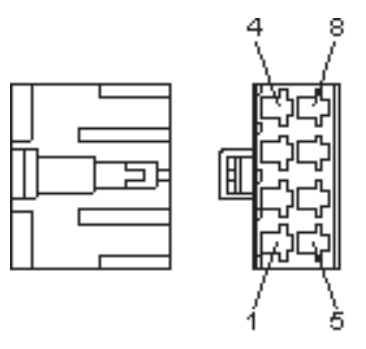
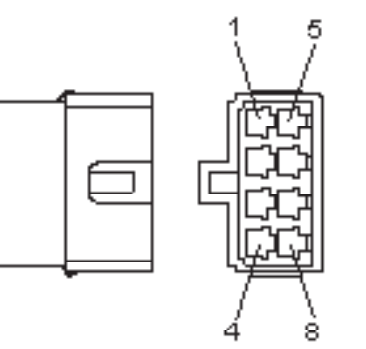
4) SWP TYPE CONNECTOR

No. of pin	Receptacle connector (Female)	Plug connector (male)
1	 S814-001000	 S814-101000
2	 S814-002000	 S814-102000
3	 S814-003000	 S814-103000
4	 S814-004000	 S814-104000

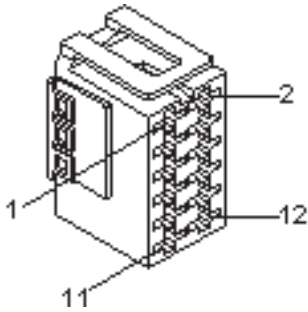
No. of pin	Receptacle connector (female)	Plug connector (male)
6	 S814-006000	 S814-106000
8	 S814-008000	 S814-108000
12	 S814-012000	 S814-112000
14	 S814-014000	 S814-114000

5) CN TYPE CONNECTOR

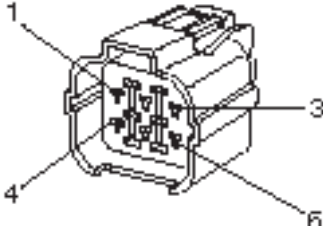
No. of pin	Receptacle connector (female)	Plug connector (male)
1	 S810-001202	 S810-101202
2	 S810-002202	 S810-102202
3	 S810-003202	 S810-103202
4	 S810-004202	 S810-104202

No. of pin	Receptacle connector (female)	Plug connector (male)
6	 S810-006202	 S810-106202
8	 S810-008202	 S810-108202

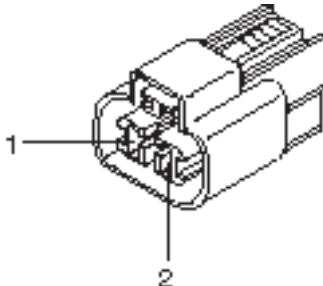
6) ITT SWF CONNECTOR

No. of pin	Receptacle connector (female)	Plug connector (male)
10	 SWF589790	

7) HW090 SEALED CONNECTOR

No. of pin	Receptacle connector (female)	Plug connector (male)
6	 6189-0133	

8) MWP02F-B CONNECTOR

No. of pin	Receptacle connector (female)	Plug connector (male)
2	 PH805-02028	

9) AMP ECONOSEAL CONNECTOR

No. of pin	Receptacle connector (female)	Plug connector (male)
36	344111-1	344108-1

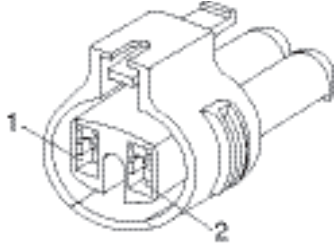
10) AMP TIMER CONNECTOR

No. of pin	Receptacle connector (female)	Plug connector (male)
2	85202-1	

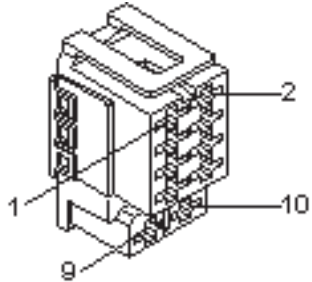
11) AMP 040 MULTILOCK CONNECTOR

No. of pin	Receptacle connector (female)	Plug connector (male)
12	174045-2	

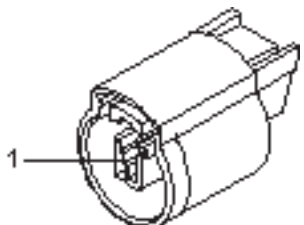
12) KET 090 WP CONNECTORS

No. of pin	Receptacle connector (female)	Plug connector (male)
2	 MG640795	

13) ITT SWF CONNECTOR

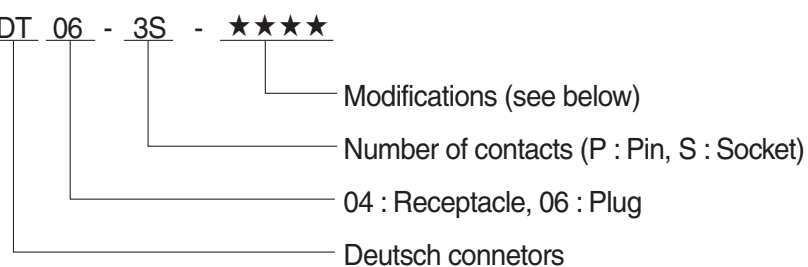
No. of pin	Receptacle connector (female)	Plug connector (male)
10	 SWF593757	

14) MWP NMWP CONNECTOR

No. of pin	Receptacle connector (female)	Plug connector (male)
1	 NMWP01F-B	

15) DEUTSCH DT CONNECTORS

DT 06 - 3S - ★★☆☆



※ Modification

E003 : Standard end cap - gray

E004 : Color of connector to be black

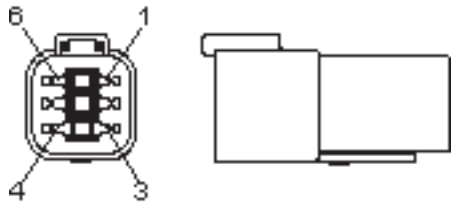
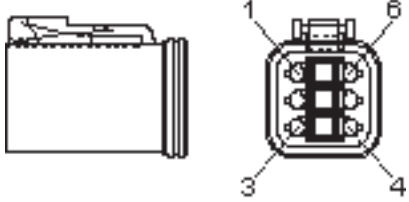
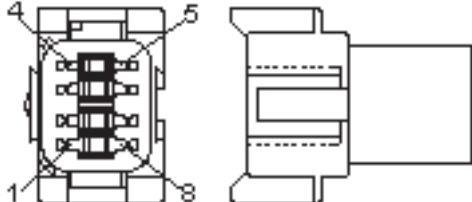
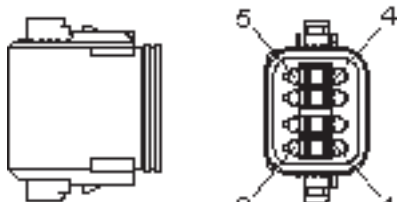
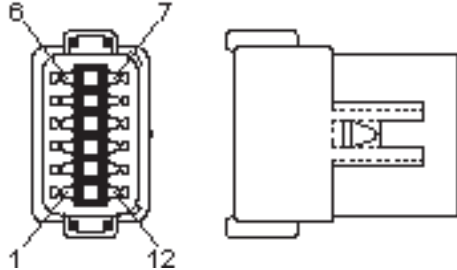
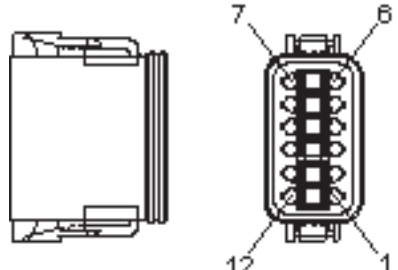
E005 : Combination - E004 & E003

EP04 : End cap

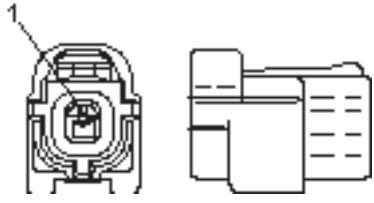
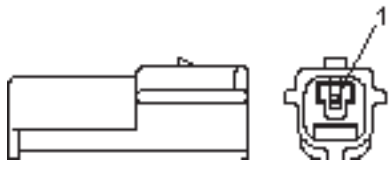
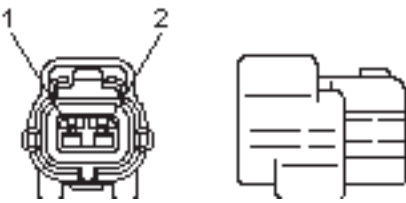
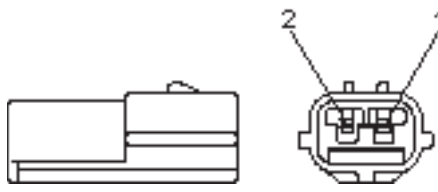
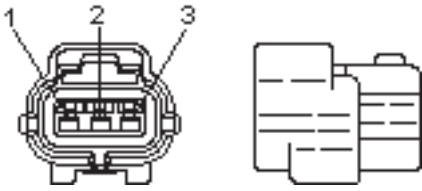
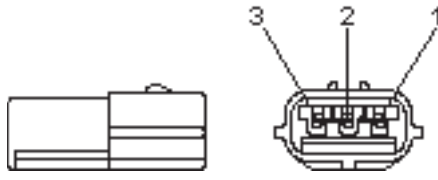
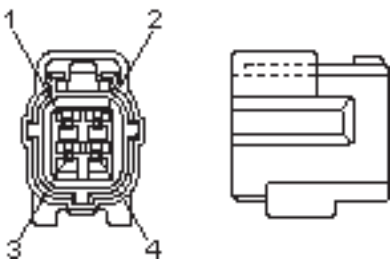
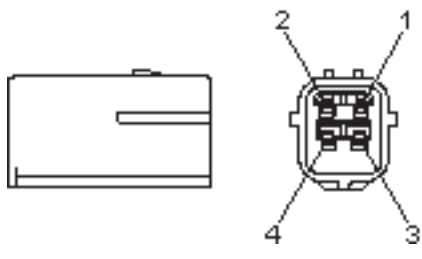
EP06 : Combination P012 & EP04

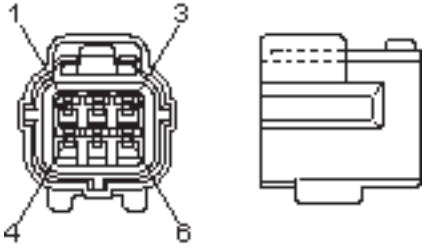
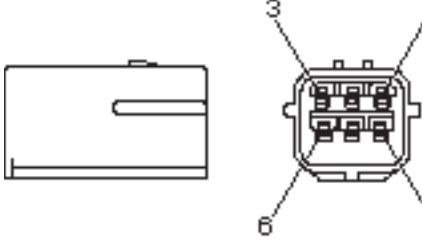
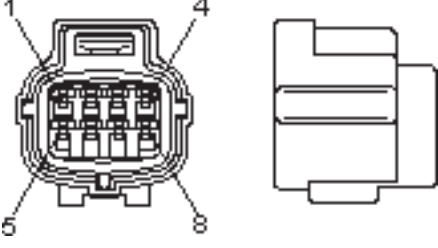
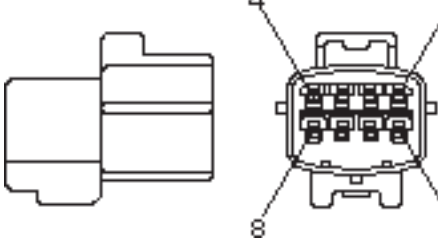
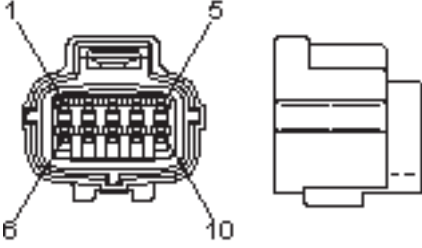
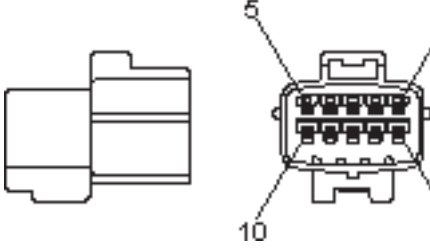
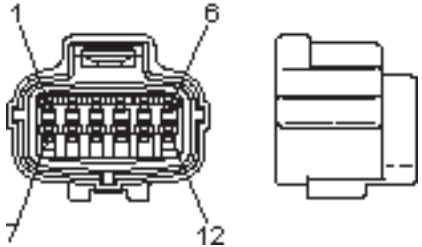
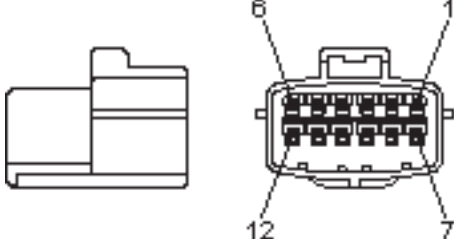
P012 : Front seal enhancement - connectors color to black for 2, 3, 4 & 6pin

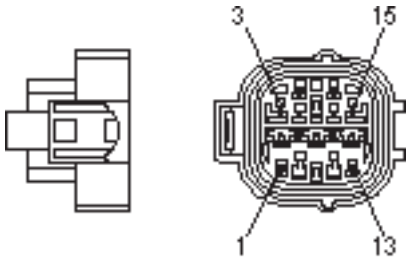
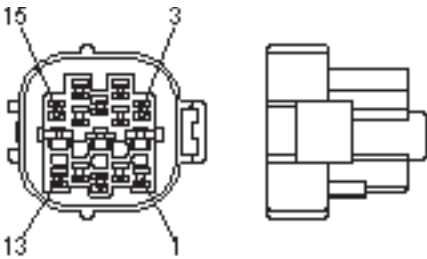
No. of pin	Receptacle connector (female)	Plug connector (male)
2	DT06-2S	DT04-2P
3	DT06-3S	DT04-3P
4	DT06-4S	DT04-4P

No. of pin	Receptacle connector (female)	Plug connector (male)
6	 DT06-6S	 DT04-6P
8	 DT06-8S	 DT04-8P
12	 DT06-12S	 DT04-12P

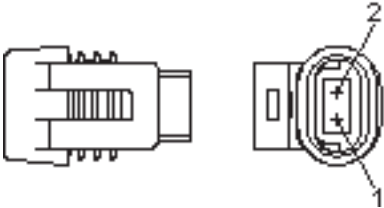
16) ECONOSEAL J TYPE CONNECTORS

No. of pin	Receptacle connector (female)	Plug connector (male)
1	 S816-001002	 S816-101002
2	 S816-002002	 S816-102002
3	 S816-003002	 S816-103002
4	 S816-004002	 S816-104002

No. of pin	Receptacle connector (female)	Plug connector (male)
6	 S816-006002	 S816-106002
8	 S816-008002	 S816-108002
10	 S816-010002	 S816-110002
12	 S816-012002	 S816-112002

No. of pin	Receptacle connector (female)	Plug connector (male)
15	 368301-1	 2-85262-1

17) METRI-PACK TYPE CONNECTOR

No. of pin	Receptacle connector (female)	Plug connector (male)
2	 12040753	