

## Electrical Connectors & Their Usage

### 3054E & 3056E

Engine Model	Usage	Part No.	Description
3054E/3056E	Machine Interface Connector	103-0213	70 Pin - Deutsch DRC Receptacle Key A Flange Mount
3054E/3056E	31 Pin OEM Machine Interface Connector	167-3692	31 Pin - Deutsch HDP Receptacle Flange Mount
3054E/3056E	Intake Manifold Pressure Sensor (Boost)	237-0227	3 Pin - Tyco ATAC Plug (Key 2)
3054E/3056E	Speed/Timing Sensor	155-2270	2 Pin - Deutsch DT Plug
3054E/3056E	Intake Manifold Temperature Sensor	155-2270	2 Pin - Deutsch DT Plug
3054E/3056E	Coolant Temperature Sensor	155-2270	2 Pin - Deutsch DT Plug
3054E/3056E	Oil Pressure Sensor	102-8803	3 Pin - Deutech DT Receptacle
3054E/3056E	Intake Manifold Pressure Sensor (Boost)	102-8803	3 Pin - Deutech DT Receptacle
3054E/3056E	VLPM Connector	177-9653	4 Pin - Deutsch DTP Plug
3054E/3056E	OEM Machine Interface Connector	9X-4391	70 Pin - Deutsch DRC Plug Key A
3054E/3056E	VLPM Mating Connector	177-9656	4 Pin DTP Connector
3054E/3056E	Seal for VLPM Mating Connector	177-9652	Seal for 4 Pin DTP Connector
3054E/3056E	Socket for VLPM Mating Connector	3E5226	#12/#14 Socket - Gold for DTP Connectors
3054E/3056E	Pin for VLPM Connector	115-3519	#12/#14 Pin - Gold for DTP Connectors

### C4.4 & C6.6

Engine Model	Usage	Part No.	Description
C4.4/C6.6	Injector Valve Cover Base	113-4630	4 Pin - Deutsch DT Receptacle (Valve Cvr Base)
C4.4/C6.6	Injector Valve Cover Base	155-2271	4 Pin - Deutsch DT Plug
C4.4/C6.6	Coolant Temperature Sensor	230-4011	2 Pin - Tyco ATAC Plug (Key 1)
C4.4/C6.6	Intake Manifold Temperature Sensor	230-4011	2 Pin - Tyco ATAC Plug (Key 1)
C4.4/C6.6	Oil Pressure Sensor	230-4013	3 Pin - Tyco ATAC Plug (Key 1)
C4.4/C6.6	Rail Pressure Sensor	230-4013	3 Pin - Tyco ATAC Plug (Key 1)
C4.4/C6.6	Intake Manifold Pressure Sensor (Boost)	237-0227	3 Pin - Tyco ATAC Plug (Key 2)
C4.4/C6.6	Wastegate Solenoid	238-8245	2 Pin - Tyco Plug (Key 2)
C4.4/C6.6	Speed/Timing Sensor	238-8247	2 Pin - Tyco ATAC Plug (Key 3)
C4.4/C6.6	Speed/Timing Sensor	238-8247	2 Pin - Tyco ATAC Plug (Key 3)
C4.4/C6.6	ECM - Engine (Blue)	245-1043	64 Pin - Delphi 100W Plug - Engine Harness
C4.4/C6.6	ECM - OEM (Grey)	245-1042	64 Pin - Delphi 100W Plug - OEM Harness
C4.4/C6.6	Diagnostic Connector	8T8736	9 Pin - Deutsch HD Receptacle
C4.4/C6.6	OEM & Engine ECM Connector	267-9572	Roll Formed socket for Delphi 100W Connector
C4.4/C6.6	OEM & Engine ECM Connector	245-1044	Lock - Connector (TPA) for Delphi 100W Connector
C4.4/C6.6	OEM & Engine ECM Connector	245-1045	End-Bell - Delphi 100W Connector
C4.4/C6.6	OEM & Engine ECM Connector	245-1048	Sealing Plug
C4.4/C6.6	Fuel Pump Connector Srv Pigtail	274-6612	Fuel Pump Connector Srv Pigtail
C4.4/C6.6	OEM Connector Kit	245-1042 245-1044 245-1045 245-1048 267-9572	Kit Contains: Grey ECM Connector (1), Lock (2), Cover (1), Sockets (30), Blanking plugs (40).
C4.4/C6.6	2 Pin 150 Packard Connector on HP Pump	123-1199	Seal for 2 Pin Packard connector
C4.4/C6.6	OEM & Harness connector	274-4990	Peripheral Seal for 100W Delphi connector

### 3054E, 3056E, C4.4 & C6.6

Engine Model	Usage	Part No.	Description
3054E&C4.4/3056E&C6.6	Harness Clip	274-6609	Clip - Fir Tree
3054E&C4.4/3056E&C6.6	Harness Clip	274-6610	Clip - Arrow Head
3054E&C4.4/3056E&C6.6	3 Pin AMPseal connectors	264-7030	Seal for 3 Pin AMPseal connectors
3054E&C4.4/3056E&C6.6	2 Pin AMPseal connectors	264-7029	Seal for 2 Pin AMPseal connectors
3054E&C4.4/3056E&C6.6	Cap for Diagnostic Connector	8C-6354	Deutsch HD Cap

### Service Tools

Engine Model	Usage	Part No.	Description
3054E&C4.4/3056E&C6.6	All DT,DTP,HD,ATAC,DRC Connectors	1U-5804	Crimp Tool
3054E&C4.4/3056E&C6.6	Spoon Kit - Red & Black	7X-1710	Contains 7X-1708 & 7X-1709
C4.4/C6.6	100W Pin Extractor	266-1683	Removal Tool

### Ampseal Wiring Repair Kit

The ampseal wiring repair kit (270-5051) contains the following parts:

Description	Quantity	Part No.
Plug-seal	30	8T-8737
Pin-connector	30	9X-3401
Socket-connector	30	9X-3402
Pin-connector	30	126-1767
Socket-connector	30	126-1768
Wedge removal tool	1	147-6456
Connector plug assembly	3	230-4009
Connector plug assembly	3	230-4011
Connector plug assembly	5	230-4013
Connector plug assembly	5	230-5008
Connector plug assembly	3	230-5010
Connector plug assembly	3	231-2295
Connector plug assembly	3	237-0227
Connector plug assembly	3	238-8245
Connector plug assembly	3	238-8247
Connector plug assembly	3	239-7352
Connector plug assembly	3	239-7356
Receptacle assembly	10	243-4505
Receptacle assembly	5	243-4506
Receptacle assembly	5	243-4507
Receptacle assembly	3	243-4508
Receptacle assembly	3	243-4509
Receptacle assembly	3	243-4510
Receptacle assembly	3	247-2693
Receptacle assembly	3	247-2694
Receptacle assembly	3	247-2695
Seal-connector	9	264-7029
Seal-connector	8	264-7030

## DT Connector Harness Repair Kit

The DT connector harness repair kit (175-3700) contains the following parts:

Description	Quantity	Part No.
Wedge - receptacle lock	10	3E-3365
Wedge - receptacle lock	10	3E-3371
Wedge - receptacle lock	5	3E-3377
Wedge - receptacle lock	5	3E-3383
Wedge - receptacle lock	5	3E-3389
Wedge - receptacle lock	5	3E-5180
Plug - Seal	30	8T-8737
Pin # 16/18	30	9X-3401
Socket # 16/18	30	9X-3402
Receptacle kit	3	102-8801
Receptacle kit	10	102-8802
Receptacle kit	5	102-8803
Receptacle kit	5	102-8804
Receptacle kit	3	102-8805
Receptacle kit	3	102-8806
Pin # 14	30	126-1767
Socket # 14	30	126-1768
Wedge removal tool	1	147-6456
Removal tool	6	151-6320
Plug - kit connector	3	155-2255
Wedge plug lock	5	155-2258
Wedge plug lock	5	155-2259
Plug - kit connector	5	155-2260
Wedge plug lock	10	155-2261
Wedge plug lock	5	155-2262
Wedge plug lock	5	155-2263
Plug kit connector	3	155-2265
Plug kit connector	10	155-2270
Plug kit connector	5	155-2271
Plug kit connector	3	155-2274
Wedge plug lock	10	155-2276
Seal GP-2 pin	1	209-0269
Seal GP-3 pin	1	209-0631
Seal GP-4 pin	1	209-0632
Seal GP-5 pin	1	209-0633
Seal GP-6 pin	1	209-0634
Seal GP-12 pin	1	209-0635