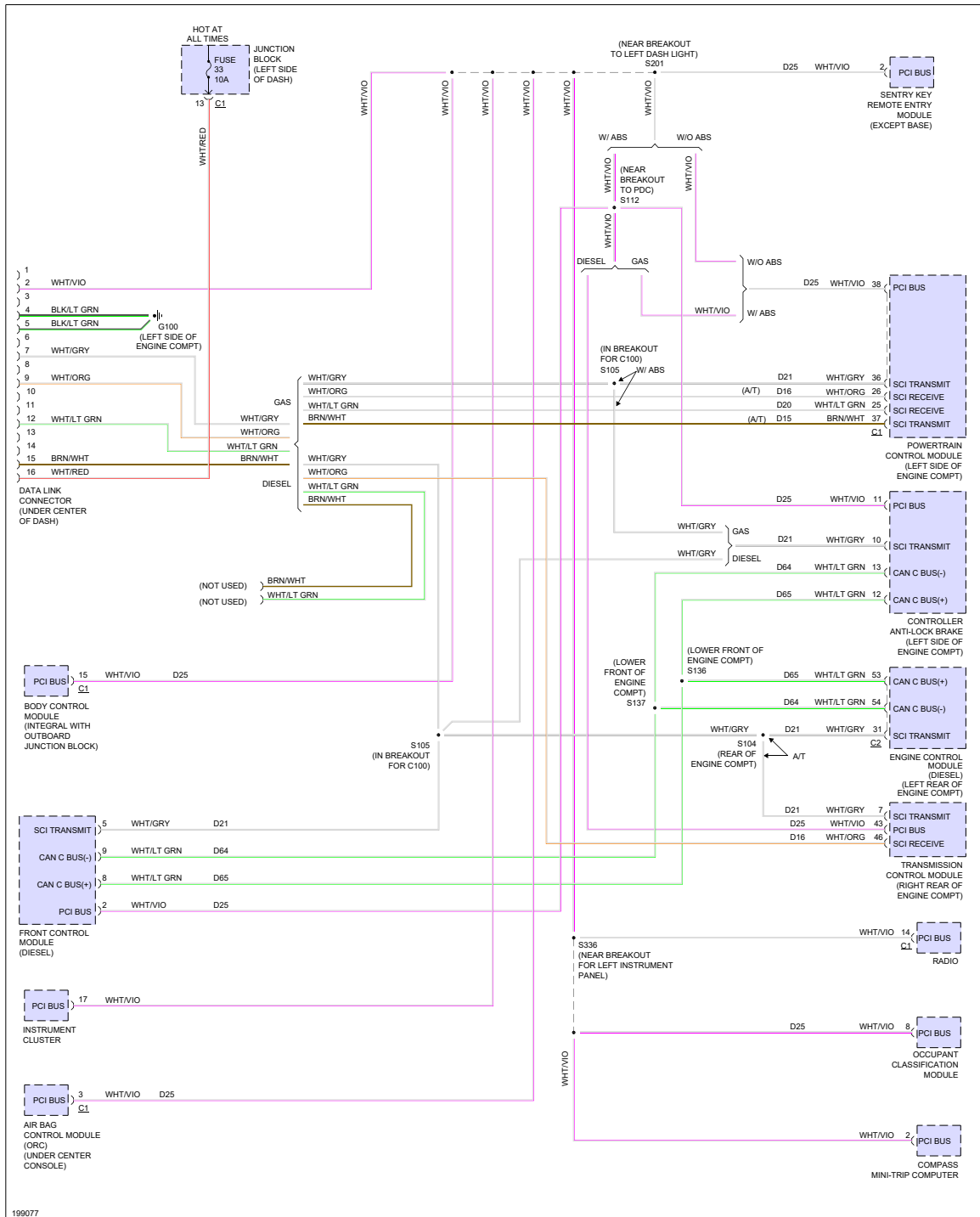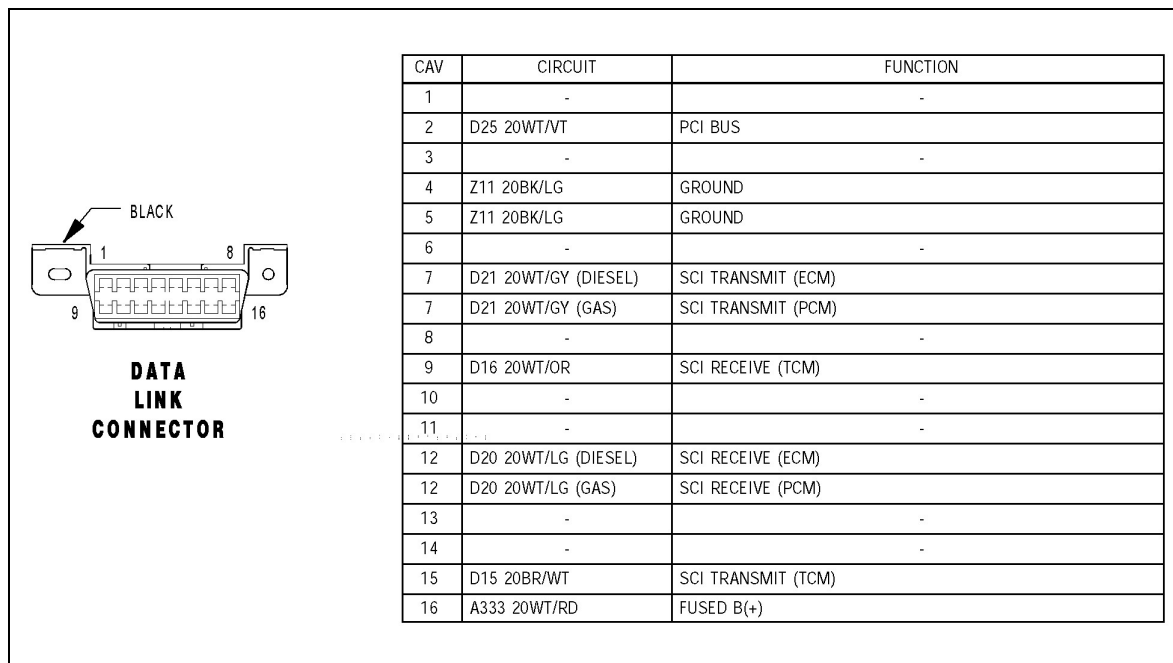## COMPUTER DATA LINES

Fig 1: Computer Data Lines Circuit

DATA LINK CONNECTOR - BLACK 16 WAY [AUTOMATIC TRANSMISSION DIAGNOSTIC PROCEDURES : CONNECTOR PINOUTS]
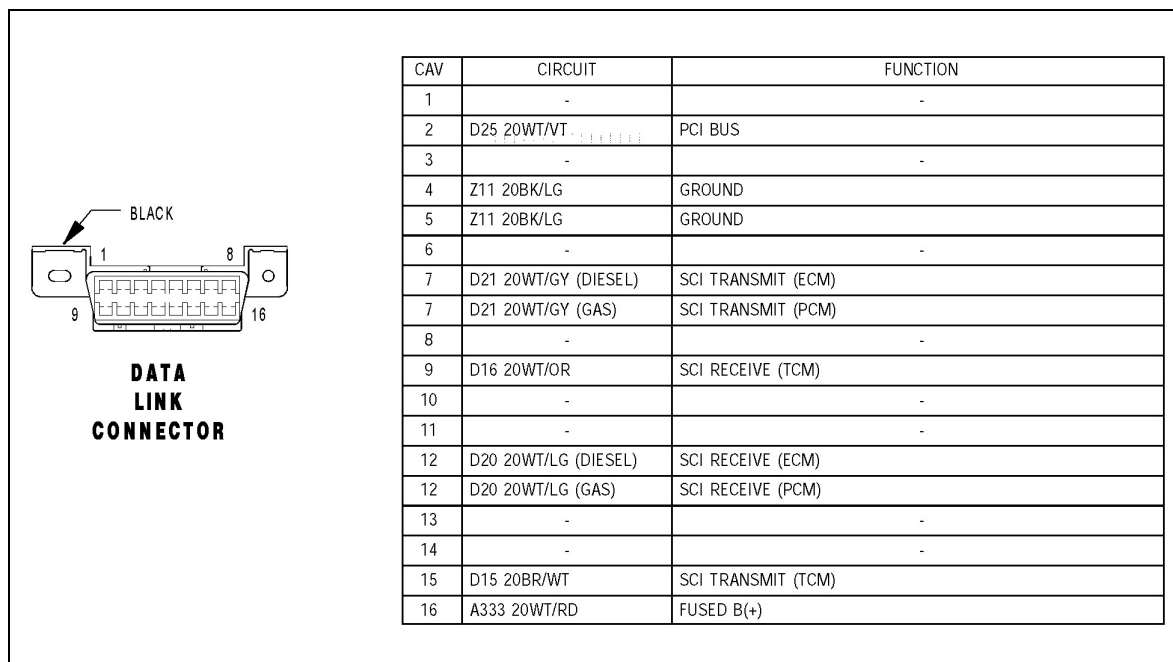
Fig 2: Identifying Data Link Connector - Black 16 Way Connector Pinouts

CAV	CIRCUIT	FUNCTION
1	-	-
2	D25 20WT/VT	PCI BUS
3	-	-
4	Z11 20BK/LG	GROUND
5	Z11 20BK/LG	GROUND
6	-	-
7	D21 20WT/GY (DIESEL)	SCI TRANSMIT (ECM)
7	D21 20WT/GY (GAS)	SCI TRANSMIT (PCM)
8	-	-
9	D16 20WT/OR	SCI RECEIVE (TCM)
10	-	-
11	-	-
12	D20 20WT/LG (DIESEL)	SCI RECEIVE (ECM)
12	D20 20WT/LG (GAS)	SCI RECEIVE (PCM)
13	-	-
14	-	-
15	D15 20BR/WT	SCI TRANSMIT (TCM)
16	A333 20WT/RD	FUSED B(+)

Courtesy of DAIMLERCHRYSLER CORP.

DATA LINK CONNECTOR - BLACK 16 WAY [BODY DIAGNOSTIC PROCEDURES : CONNECTOR PINOUTS]

Fig 3: Data Link Connector Connector Pinouts - Black 16 Way

CAV	CIRCUIT	FUNCTION
1	-	-
2	D25 20WT/VT	PCI BUS
3	-	-
4	Z11 20BK/LG	GROUND
5	Z11 20BK/LG	GROUND
6	-	-
7	D21 20WT/GY (DIESEL)	SCI TRANSMIT (ECM)
7	D21 20WT/GY (GAS)	SCI TRANSMIT (PCM)
8	-	-
9	D16 20WT/OR	SCI RECEIVE (TCM)
10	-	-
11	-	-
12	D20 20WT/LG (DIESEL)	SCI RECEIVE (ECM)
12	D20 20WT/LG (GAS)	SCI RECEIVE (PCM)
13	-	-
14	-	-
15	D15 20BR/WT	SCI TRANSMIT (TCM)
16	A333 20WT/RD	FUSED B(+)

Courtesy of DAIMLERCHRYSLER CORP.

DATA LINK CONNECTOR - BLACK 16 WAY [CHASSIS DIAGNOSTIC PROCEDURES - ANTI-LOCK BRAKE SYSTEM : CONNECTOR PINOUTS]

Fig 4: Identifying Data Link Connector

CAV	CIRCUIT	FUNCTION
1	-	-
2	D25 20WT/VT	PCI BUS
3	-	-
4	Z11 20BK/LG	GROUND
5	Z11 20BK/LG	GROUND
6	-	-
7	D21 20WT/GY (DIESEL)	SCI TRANSMIT (ECM)
7	D21 20WT/GY (GAS)	SCI TRANSMIT (PCM)
8	-	-
9	D16 20WT/OR	SCI RECEIVE (TCM)
10	-	-
11	-	-
12	D20 20WT/LG (DIESEL)	SCI RECEIVE (ECM)
12	D20 20WT/LG (GAS)	SCI RECEIVE (PCM)
13	-	-
14	-	-
15	D15 20BR/WT	SCI TRANSMIT (TCM)
16	A333 20WT/RD	FUSED B(+)

Courtesy of DAIMLERCHRYSLER CORP.

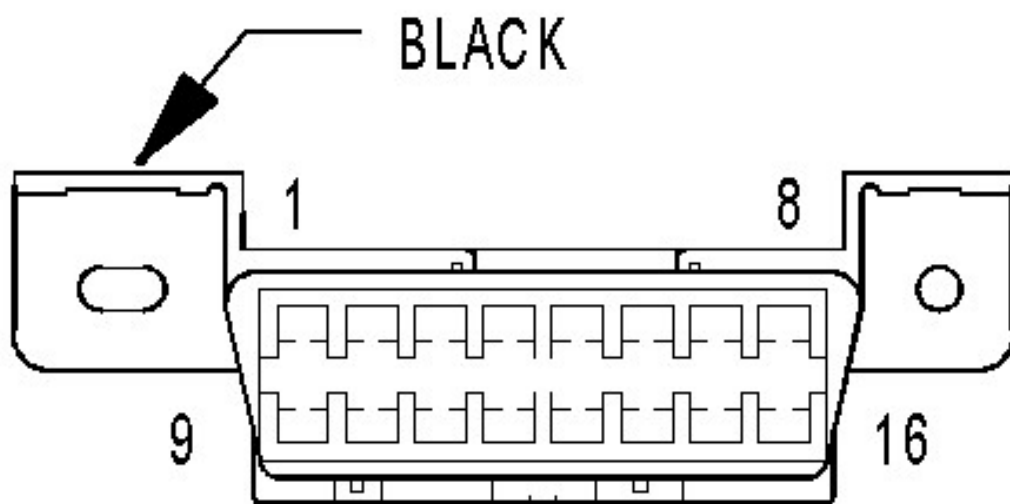## DATA LINK CONNECTOR - BLACK 16 WAY [POWERTRAIN DIAGNOSTIC PROCEDURES - DIESEL : CONNECTOR PINOUTS]

Fig 5: Data Link Connector Pinouts - Black 16 Way

CAV	CIRCUIT	FUNCTION
1	-	-
2	D25 20WT/VT	PCI BUS
3	-	-
4	Z11 20BK/LG	GROUND
5	Z11 20BK/LG	GROUND
6	-	-
7	D21 20WT/GY (DIESEL)	SCI TRANSMIT (ECM)
7	D21 20WT/GY (GAS)	SCI TRANSMIT (PCM)
8	-	-
9	D16 20WT/OR	SCI RECEIVE (TCM)
10	-	-
11	-	-
12	D20 20WT/LG (DIESEL)	SCI RECEIVE (ECM)
12	D20 20WT/LG (GAS)	SCI RECEIVE (PCM)
13	-	-
14	-	-
15	D15 20BR/WT	SCI TRANSMIT (TCM)
16	A333 20WT/RD	FUSED B(+)

Courtesy of DAIMLERCHRYSLER CORP.

Data Link Connector, Connector End View

DATA LINK CONNECTOR - BLACK 16 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	D25 20WT/VT	PCI BUS
3	-	-

4	Z11 20BK/LG	GROUND
5	Z11 20BK/LG	GROUND
6	-	-
7	D21 20WT/GY (DIESEL)	SCI TRANSMIT (ECM)
7	D21 20WT/GY (GAS)	SCI TRANSMIT (PCM)
8	-	-
9	D16 20WT/OR	SCI RECEIVE (TCM)
10	-	-
11	-	-
12	D20 20WT/LG (DIESEL)	SCI RECEIVE (ECM)
12	D20 20WT/LG (GAS)	SCI RECEIVE (PCM)
13	-	-
14	-	-
15	D15 20BR/WT	SCI TRANSMIT (TCM)
16	A333 20WT/RD	FUSED B(+)