

## 2002 E350 Super Duty 6.8L

**C220a** (BK)

\* Except stripped chassis

**14401**

Instrument Cluster

Pin	Circuit	Circuit function
1	*1005 (VT/OG)	Battery saver relay, control
2	-	not used
3	608 (BK/YE)	Airbag diagnostic lamp driver
4	3 (LG/WH)	LH front turn signal lamp
5	1044 (WH/YE)	Fused run/start feed
6	-	not used
7	14 (BN)	Headlamp switch to tail lamps and side marker lamps
8	1828 (PK/LG)	Data Link Connector (DLC) – CAN Lo
9	1827 (WH/LG)	Data Link Connector (DLC) – Can High
10	57 (BK)	Ground
11	*402 (OG/LG)	Interior lamp request input
12	12 (LG/BK)	Headlamp dimmer switch to high beams
13	31 (WH/RD)	Oil pressure indicator
14	904 (LG/RD)	Ignition switch to alternator ignition terminal
15	-	not used
16	651 (BK/YE)	Fuel gauge return
17	29 (YE/WH)	Fuel gauge
18	2 (WH/LB)	RH front turn signal lamp

**C220b** (BK)

Pin	Circuit	Circuit function
1	729 (RD/WH)	Radio memory
2	295 (LB/PK)	Electronic cluster accessory feed
3	-	not used
4	-	not used
5	-	not used
6	-	not used
7	*1083 (LB/PK)	Air bag/seat belt status tone output
8	-	not used
9	162 (LG/RD)	Parking brake warning lamp to parking brake switch
10	*343 (DB/LG)	Warning lamp to anti theft module
11	-	not used
12	1004 (LB/RD)	Accessory delay relay, control
13	*1008 (LG/OG)	Interior lamp relay, control
14	938 (BK/LG)	logic ground
15	*1034 (BK/WH)	Passenger door ajar switch signal
16	*159 (RD/PK)	Drivers door ajar switch signal
17	*628 (WH)	Side door ajar switch signal
18	158 (BK/PK)	Key warning switch (11A127)
19	531 (DG/YE)	Brake fluid level switch (2L414), signal
20	512 (TN/LG)	Brake fluid reservoir switch to module
21	-	not used
22	784 (LB/BK)	Door ajar
23	-	not used
24	603 (DG)	Failure warning light
25	85 (BN/LB)	Driver buckle switch input
26	19 (LB/RD)	Instrument panel lamps feed

## 2007 E350 Super Duty 6.8L

**C220A** (BK)

\* Except stripped chassis

**14401**

\*\* With Advance Trac

Instrument Cluster (10849)

Pin	Circuit	Circuit Function
1	*1005 (VT-OG)	Battery saver relay, control
2	**960 (BK-LB)	Traction assist on/off indicator to ABS control module
3	*608 (BK-YE)	Airbag diagnostic lamp driver
4	3 (LG-WH)	Turn lamps, feed, left front
5	1044 (WH-YE)	Fused run/start feed
6	-	Not Used
7	14 (BN)	Headlamp switch to tail lamps and side marker lamps
8	1828 (PK-LG)	CAN -
9	1827 (WH-LG)	CAN+
10	57 (BK)	Ground
11	*402 (OG-LG)	Interior lamp request input
12	12 (LG-BK)	Headlamp dimmer switch to high beams
13	31 (WH-RD)	Engine oil pressure indicator, control
14	904 (LG-RD)	Generator/Battery indicator, control
15	**959 (GY)	Traction assist switch feed to ABS control module
16	651 (BK-YE)	Fuel gauge return
17	29 (YE-WH)	Fuel gauge
18	2 (WH-LB)	Turn lamps, feed, right front

**C220B** (BK)

Pin	Circuit	Circuit Function
1	729 (RD-WH)	Voltage supplied at all times (overload protected)
2	295 (LB-PK)	Electronic cluster accessory feed
3	-	Not used
4	-	Not used
5	-	Not used
6	-	Not used
7	*1083 (LB-PK)	Air bag/seat belt status tone output
8	-	Not used
9	162 (LG-RD)	Park brake switch input
10	-	Not used
11	-	Not used
12	*1004 (LB-RD)	Accessory delay relay, control
13	*1008 (LG-OG)	Interior lamp relay, control
14	938 (BK-LG)	Logic ground
15	*1034 (BK-WH)	Passenger door ajar switch signal
16	*159 (RD-PK)	Driver's door ajar switch signal
17	*628 (WH)	Side door ajar switch, signal
18	158 (BK-PK)	Key warning switch, input
19	531 (DG-YE)	Brake fluid level switch, signal
20	512 (TN-LG)	Brake indicator, control
21	-	Not used
22	2181 (BK-YE)	Medium speed CAN -
23	2180 (WH-BK)	Medium speed CAN +
24	**603 (DG)	Anti-lock brake indicator, control
25	**85 (BN-LB)	Driver buckle switch input
26	19 (LB-RD)	Instrument illumination, feed