

The following pages show wiring diagrams for

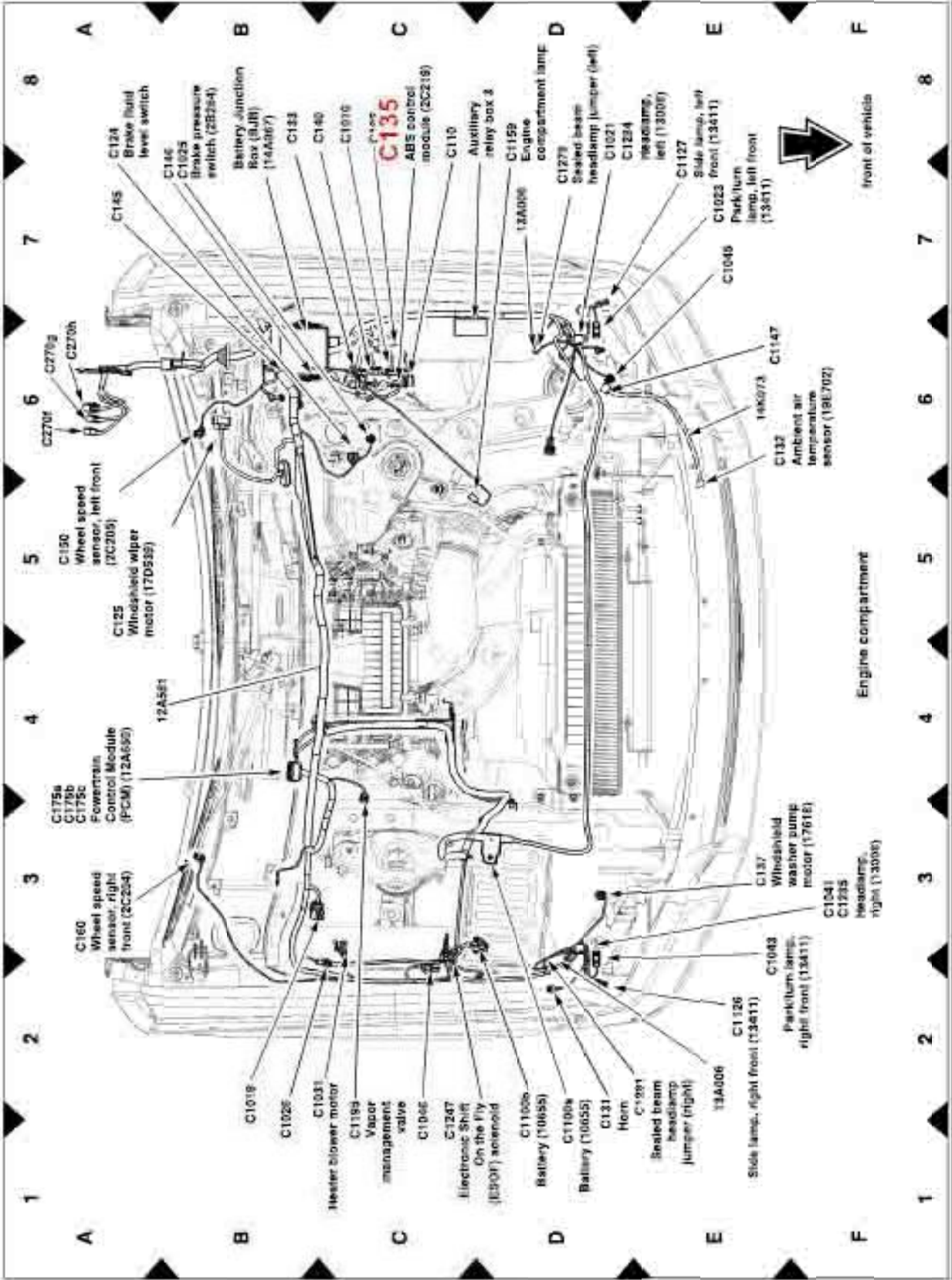
2005 – 2008

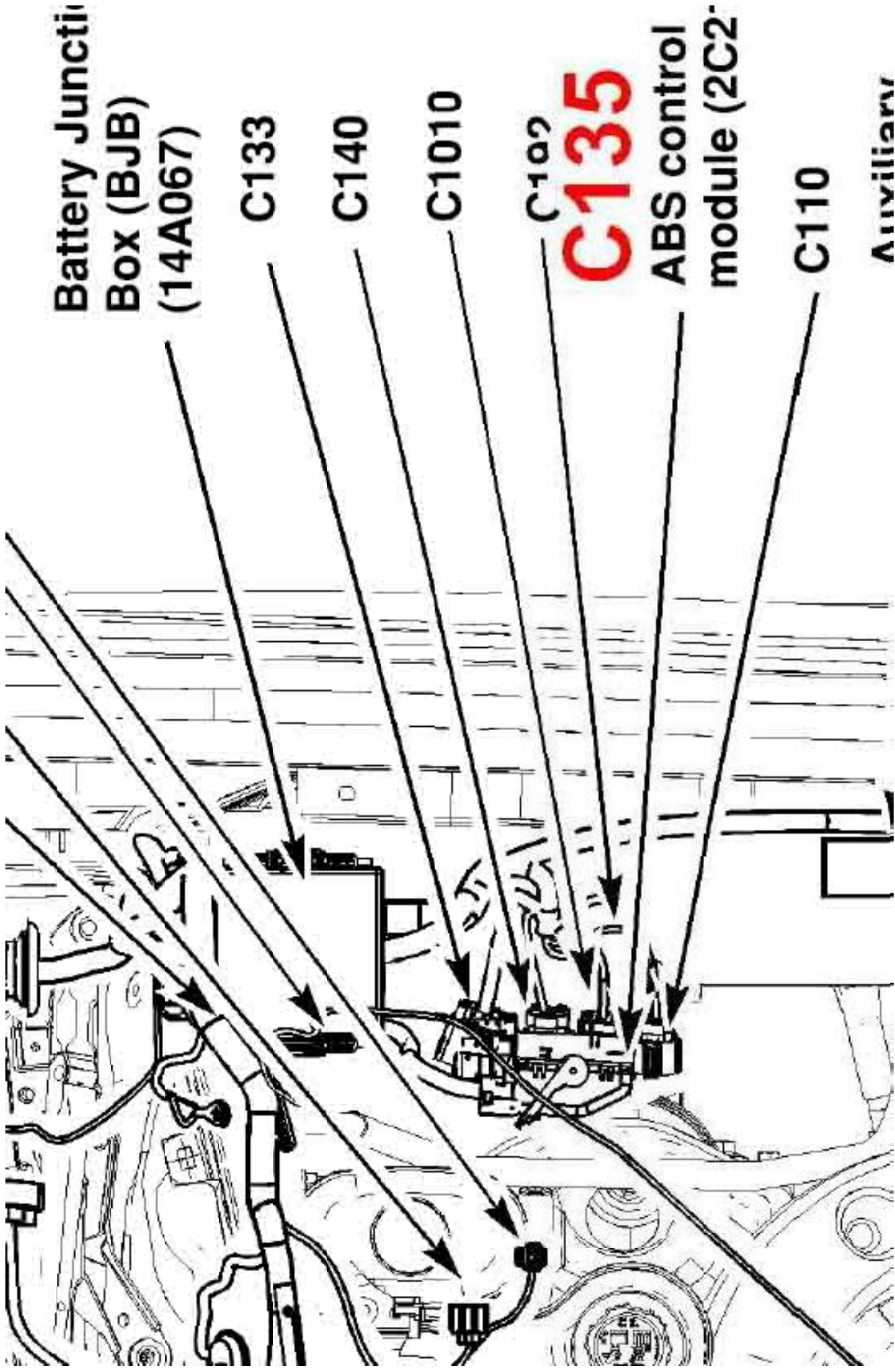
F250 – F550 trucks.

From 2005 – 2007 the wire color is Gry/BLK and is pin 21 on the ABS module connector.

For 2008 + the wire color is Ye/Blue and it is also pin 21 on the ABS module connector.

On the following pages, the first is 2005 – 2007 and 2008 is shown last.

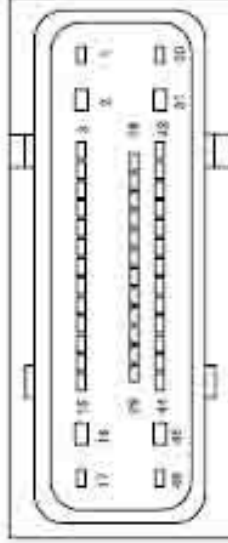




C135 (BK)

12A581

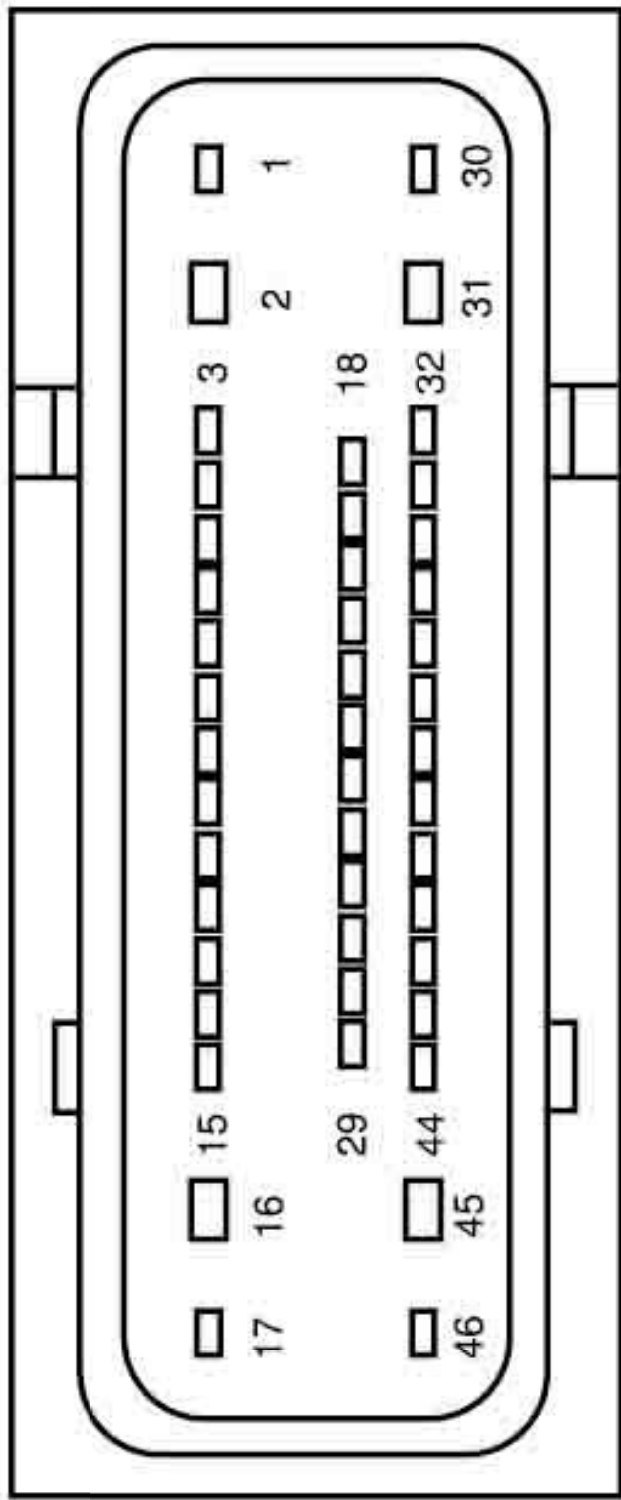
ABS control module (UC218)



FEMALE

Pin	Circuit	Circuit function
1	—	not used
2	534 (YE/LG)	Voltage supplied at all times (overload protected)
3	1908 (WH)	High speed CAN +
4	—	not used
5	—	not used
6	—	not used
7	—	not used
8	—	not used
9	—	not used
10	—	not used
11	—	not used
12	521 (TN/CG)	Wheel speed sensor, left front (2C205) +
13	522 (TN/BK)	Wheel speed sensor, left front (2C205) —
14	—	not used
15	—	not used
16	530 (LG/YE)	Chassis Ground
17	—	not used
18	1909 (BK)	High speed CAN —
19	—	not used
20	—	not used
21	678 (GV/BK)	Vehicle Speed Sensor (VSS) signal
22	—	not used
23	—	not used

Pin	Circuit	Circuit function
24	—	not used
25	—	not used
26	514 (YE/RD)	Wheel speed sensor, right front (2C204) +
27	516 (YE/BK)	Wheel speed sensor, right front (2C204) —
28	—	not used
29	—	not used
30	—	not used
31	532 (CG/YE)	Voltage supplied at all times (overload protected)
32	533 (TN/RD)	Voltage in Run (overload protected)
33	—	not used
34	—	not used
35	—	not used
36	—	not used
37	—	not used
38	—	not used
39	—	not used
40	—	not used
41	519 (LG/BK)	Rear axle speed sensor (4B409) —
42	523 (RD/PK)	Rear axle speed sensor (4B409) +
43	—	not used
44	—	not used
45	530 (LG/YE)	Chassis Ground
46	—	not used



FEMALE

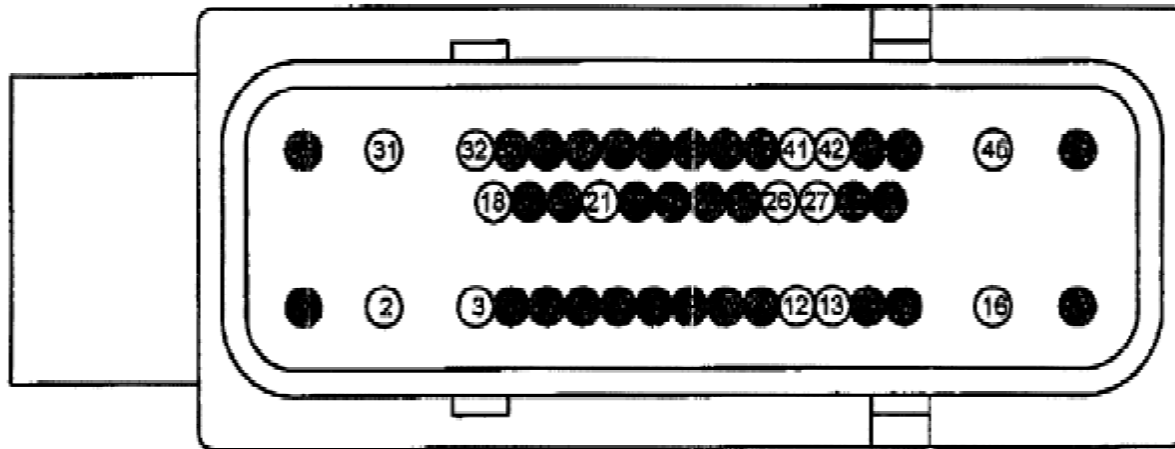
Circuit function		Pin	Circuit
		24	-
			not use

The following two pages are for 2008 Super duty trucks

Based on research it appears that Ford changed the wire color on the connector on the 08 to Yel/Blu instead of gry/blk.

Please see the following pages for 2008 Super duty installs:

Connector: C135 **Description:** ANTI-LOCK BRAKE SYSTEM (ABS) MODULE **Harness:** 14405 **Base Part #:** 2C219



Pin	Circuit	Gauge	Circuit Function	Qualifier
1	-	-	not used	
2	SBB09 (RD)	10	FUSE - 9 OR CIRCUIT BREAKER	
3	VDB04 (WH-BU)	20	CONNECTOR - DIAGNOSTIC # CAN BUS HIGH SPEED HIGH	
4	-	-	not used	
5	-	-	not used	
6	-	-	not used	
7	-	-	not used	
8	-	-	not used	
9	-	-	not used	
10	-	-	not used	
11	-	-	not used	
12	VCA03 (VT-WH)	20	SENSOR - WHEEL SPEED LEFT FRONT	
13	ROA17 (YE)	18	CTRL MOD. - SENSOR WHEEL SPEED LEFT FRONT	
14	-	-	not used	
15	-	-	not used	
16	GD163 (BK-GY)	10	GROUND - SIDE MEMBER FRAME FRONT LEFT	
17	-	-	not used	
18	VDB05 (WH)	20	CONNECTOR - DIAGNOSTIC # CAN BUS HIGH SPEED LOW	
19	-	-	not used	
20	-	-	not used	
21	VE822 (YE-BU)	20	SENSOR - VEHICLE SPEED (VS8)	
22	-	-	not used	
23	-	-	not used	
24	-	-	not used	
25	-	-	not used	
26	VCA05 (GY-VT)	20	SENSOR - WHEEL SPEED RIGHT FRONT	
27	RCA19 (VT)	20	CTRL MOD. - SENSOR WHEEL SPEED RIGHT FRONT	
28	-	-	not used	
29	-	-	not used	
30	-	-	not used	
31	SBB06 (BN-RD)	10	FUSE - 6 OR CIRCUIT BREAKER	

32	CBB77 (WH)	20	FUSE - 77 OR CIRCUIT BREAKER
33	-	-	not used
34	*	*	not used
35	*	*	not used
36	-	*	not used
37	-	*	not used
38	*	*	not used
39	*	-	not used
40	*	*	not used
41	RCA21 (BN-GN)	18	CTRL MOD. - SENSOR WHEEL SPEED REAR DIFFERENTIAL
42	VCA07 (BU-OG)	18	SENSOR - WHEEL SPEED REAR DIFFERENTIAL
43	*	*	not used
44	*	*	not used
45	GD103 (BK-GY)	10	GROUND - SIDE MEMBER FRAME FRONT LEFT
46	*	*	not used