2014 Mercedes Benz E Class Coupe (C207)

Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red (100A)	+	trunk fuse box, 1 pin plug, pin 1
Second 12 Volts	N/A		
Starter	purple/white (for starter kill only)	+	underhood fuse box, 7 pin plug (3M), pin 4
Second Starter	N/A		
Ignition	pink/red (for ignition sense only)	+	trunk fuse box, 52 pin plug (9I), pin 18
Second Ignition	N/A		
Third Ignition	N/A		
Accessory	N/A		
Second Accessory	N/A		
Third Accessory	N/A		
Key Sense	N/A		
Data Bus	N/A		
Can Bus High	brown/red	data	driver kick or trunk fuse box, 52 pin plug (9I), pin 30
Can Bus Low	brown	data	driver kick or trunk fuse box, 52 pin plug (9I), pin 31
Can Bus Sw	N/A		
Power Lock	gray/blue	-	Left Front Door Module, plug (C5), pin 4
Power Unlock	(same as power lock)	- resistor	
Lock Motor	gray/black	5 wire	Left Front Door Module, plug (C7), pin 7
Unlock Motor	gray/blue	5 wire	Left Front Door Module, plug (C7), pin 6
Disarm Defeat	gray/blue	5 wire	Right Front Door Module, plug (C7), pin 6
Parking Lights (+)	green (LF); gray/white (RF) (side markers)	+	underhood FB, 18 pin plug (20M), pin 16; 18 pin plug (18M), pin 17
Parking Lights (-)	(LIN bus)		
Hazards	(LIN bus)		
Turn Signal (Left)	black/white (F) (w/o full LED); black/white (R)	+	underhood FB, 18P plg (20M), pin 18; trunk FB, 28P plg (5H), pin 25
Turn Signal (Right)	black/green (F) (w/o full LED); black/green (R)	+	underhood FB, 18P plg (18M), pin 11; trunk FB, 28P plg (5H), pin 15

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	white/blk (L); white (R)(high beams, w/o full LED)	+	underhood FB, 10 pin plug (14M), pin 1; 10 pin plug (15M), pin 10
AutoLights	(LIN bus)		
Reverse Light	gray/blue	+	trunk fuse box, 32 pin plug (6HD), pin 5
Left Front Door Trigger	brown/pink	-	Left Front Door Module, plug (C7), pin 9
Right Front Door Trigger	brown/pink	-	Right Front Door Module, plug (C7), pin 9
Left Rear Door Trigger	N/A		
Right Rear Door Trigger	N/A		
Dome Supervision	(LIN bus, frnt dome lamp); blk/gry(rear dome lamp)	+	overhead control panel, 8 pin plug (C), pin 5
Trunk/Hatch Pin	brown/yellow	-	trunk fuse box, 32 pin plug (6HD), pin 29
Rear Glass Pin	N/A		
Hood Pin	brown/red or yellow/brown	-	hood switch or trunk fuse box, 52 pin plug (9I), pin 5
Trunk Hatch/Release	green/white (rear handle switch)	-	trunk fuse box, 32 pin plug (6HD), pin 31
Trunk Release Motor	black/white	5 wire	trunk fuse box, 32 pin plug (6HD), pin 3
Fuel Door Release	(unlocks along with doors)		
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)	N/A		
Factory Alarm Arm	(factory remote only)		
Factory Alarm Disarm	(factory remote only)		
Disarm No Unlock			
Trunk Alarm Shunt	N/A		
Tachometer	yellow/blue (V6); yellow/gray (V8)	ac	camshaft position sensor, engine driver side front, 3 pin plug, pin 2
Wait to Start	N/A		
Neutral Safety	N/A		
Clutch Pedal	N/A		
Fuel Pump	black/purple or pink/white	+	underhood fuse box, 5 pin plug (9G), pin 5
Rear Defroster	black or purple/white	+ latched	trunk fuse box, 1 pin plug (1H), pin 1
Mirror Defroster	(CAN bus)		
Left Front Heated Seat	(LIN bus)		
Right Front Heated Seat	(LIN bus)		

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	(wheel speed sensor)		
Brake Wire	black/red	+	trunk fuse box, 32 pin plug (6HD), pin 1
Parking Brake	brown/black	-	parking brake switch, 2 pin plug, pin 2
Horn Trigger	black or black/white	+	underhood fuse box, 10 pin plug (15M), pin 9
Wipers	(CAN bus)		
Left Front Window (Up/Down)	(not recommended because of factory auto up/down)		
Right Front Window (Up/Down)	(not recommended because of factory auto up/down)		
Left Rear Window (Up/Down)	(not recommended because of factory auto up/down)		
Right Rear Window (Up/Down)	(not recommended because of factory auto up/down)		
Sun Roof (Open/Close)	(not recommended because of factory auto open/cls)		
Sun Roof (Limit/Close)	N/A		
Memory Seat 1	(LIN bus)		
Memory Seat 2	(LIN bus)		
Memory Seat 3	(LIN bus)		
Radio 12V	red	+	radio, 16 pin plug, pin 15
Radio Ground	brown	-	radio, 16 pin plug, pin 12
Radio Ignition	(CAN bus)		
Radio Illumination	(CAN bus)		
Factory Amp Turn-on	blue/black (MOST wake up)		radio, 16 pin plug, pin 16
Power Antenna	purple (mobile phone on/off)		radio, 16 pin plug, pin 13
Left Front Speaker (+/-)	green - brown/green	+,-	radio, 16 pin plug, pins 3 - 7
Right Front Speaker (+/-)	orange - brown/orange	+,-	radio, 16 pin plug, pins 2 - 6
Left Rear Speaker (+/-)	pink - brown/pink	+,-	radio, 16 pin plug, pins 4 - 8
Right Rear Speaker (+/-)	white - brown/white	+,-	radio, 16 pin plug, pins 1 - 5
Center Channel (+/-)	gray - brown/gray	+,-	amplifier in trunk left side, 32 pin plug, pins 23 - 28
Subwoofer (+/-)	green - brown/green (1); purple - brown/purple (2)	+,-	amplifier in trunk left side, 32 pin plug, pins 4 - 16; 3 - 15
Aux. Audio Input Left (+/-)	black - brown	+,-	radio, 12 pin plug, pins 4 - 11
Aux. Audio Input Right (+/-)	yellow - brown	+,-	radio, 12 pin plug, pins 10 - 11
RSE Video (+/-)	N/A		
RSE Audio Left (+/-)	N/A		
RSE Audio Right (+/-)	N/A		
Satellite Radio 12 Volts	red/purple	+	Sat Radio in trunk left side, 4 pin plug, pin 2
Satellite Radio Ground	brown	-	Sat Radio in trunk left side, 4 pin plug, pin 1
Satellite Radio Ignition	blue/black (MOST wake up)		Sat Radio in trunk left side, 4 pin plug, pin 3
Satellite Radio Antenna	(coaxial cable)		
Satellite Audio Left (+/-)	(MOST bus)		
Satellite Audio Right (+/-)	(MOST bus)		

What Fits

Item	Size	Depth	Location
Headunit	irregular		center of dash
Left Front Speaker			left front door
Left Front Tweeter			left front door
Right Front Speaker			right front door
Right Front Tweeter			right front door
Left Rear Speaker			left rear side panel
Left Rear Tweeter			left rear side panel (twtr); left rear deck (surr)
Right Rear Speaker			right rear side panel
Right Rear Tweeter			right rear side panel(twtr); right rear deck(surr)
Center Channel			top center of dash
Subwoofer			center of rear deck
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner			trunk left side

Additional Wiring Notes

Item	Note
Parking Lights (+)	The LR - RR are pink or green/blue - blue or green/white at the trunk fuse box, 32 pin plug (6HD), pins 14 - 24.
Left Front Speaker (+/-)	On models with amplifier, the speaker wires are green - brown/green at the amplifier in trunk left side, 32 pin plug, pins 6 - 18.
Right Front Speaker (+/-)	On models with amplifier, the speaker wires are orange - brown/orange at the amplifier in trunk left side, 32 pin plug, pins 5 - 17.
Left Rear Speaker (+/-)	On models with amplifier, the speaker wires are pink - brown/pink at the amplifier in trunk left side, 32 pin plug, pins 8 - 20. The surround wires are blue - brown/blue at the amplifier, 32 pin plug, pins 10 - 22.
Right Rear Speaker (+/-)	On models with amplifier, the speaker wires are white - brown/white at the amplifier in trunk left side, 32 pin plug, pins 7 - 19. The surround wires are yellow - brown/yellow at the amplifier, 32 pin plug, pins 9 - 21.