2007 Ford Mustang

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Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	Lt. Green/Violet (20A)	+	Ignition Switch, black 7 pin plug, pin 4
Ground	(chassis ground)		
Starter	Dk. Green	+	Ignition Switch, black 7 pin plug, pin 7
Ignition	White/Yellow	+	Ignition Switch, black 7 pin plug, pin 1
Accessory	Black/Pink	+	Ignition Switch, black 7 pin plug, pin 6
Keysense	Lt. Green/Violet	+	Ignition Switch, black 7 pin plug, pin 5
CAN Bus High	White/Lt. Green (HS CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 6
CAN Bus Low	Pink/Lt. Green (HS CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 14
CAN Bus High 2	White/Orange (MS CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 3
CAN Bus Low 2	Pink/Orange (MS CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 11
RX DATA	Gray/Orange	Data	PATS Transceiver on ignition switch, black 4 pin plug, pin 4
TX DATA	White/Lt. Green	Data	PATS Transceiver on ignition switch, black 4 pin plug, pin 3
Power Lock	white/violet (driv sw) or orange/black (pass sw)	-	either kick or SJB in passenger kick, black 26 pin plug (E), pin 3 or 8
Power Unlock	dk. blue/lt. grn (driv sw) or yellow/red (pass sw)	-	either kick or SJB in passenger kick, black 26 pin plug (E), pin 1 or 5
Lock Motor	red/orange	5 wire	driver kick or SJB in passenger kick, black 5 pin plug (G), pin 3
Driver Unlock Motor	yellow	5 wire	driver kick or SJB in passenger kick, black 5 pin plug (G), pin 1
Passenger Unlock Motor	lt. blue	5 wire	passenger kick or SJB in passenger kick, gray 36 pin plug (H), pin 14
Factory Alarm Arm	lt. blue/pink (driver door key lock)	-	driver kick or SJB in passenger kick, black 26 pin plug (E), pin 18

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Item	Wire Color	Polarity	Wire Location
Factory Alarm Disarm	lt. blue/black (driver door key unlock)	-	driver kick or SJB in passenger kick, black 26 pin plug (E), pin 9
Disarm No Unlock	see factory alarm disarm		
Trunk Alarm Shunt	white/pink (trunk key unlock)	-	pass kick or SJB in passenger kick, black 52 pin plug (C), pin 21
Parking Lights	SJB controls each light separately, use negative		
Parking Lights -	black/lt. green	-	headlight switch, gray 10 pin plug, pin 5
Hazards	red/white	-	hazard switch or SJB in passenger kick, blue 52 pin plug (B), pin 24
Turn Signal (Left)	SJB controls each light separately, use hazards		
Turn Signal (Right)	SJB controls each light separately, use hazards		
Headlight	red/white	-	headlight switch, gray 10 pin plug, pin 10
Reverse Light	white/yellow	+	passenger kick or SJB in passenger kick, gray 52 pin plug (D), pin 13
Left Front Door Trigger	lt. green/black	- N.C.	driver kick or SJB in passenger kick, black 26 pin plug (E), pin 2
Right Front Door Trigger	yellow/lt. green	- N.C.	pass kick or SJB in passenger kick, black 26 pin plug (E), pin 6
Dome Light	lt. green/yellow	-	pass A pillar or SJB in passenger kick, gray 26 pin plug (F), pin 25
Trunk/Hatch Pin	white/yellow	+	trunk light or SJB in passenger kick, black 26 pin plug (E), pin 15
Hood Pin	violet/orange	- N.C.	hood pin sw or SJB in passenger kick, black 52 pin plug (C), pin 15
Trunk/Hatch Release	white/violet	-	SJB in passenger kick, black 52 pin plug (C), pin 13
Trunk Release Motor	pink/orange	+	passenger kick, harness to rear
Tachometer	NOT red	ac	any fuel injector
Clutch Pedal	lt. blue/yellow	-	clutch switch
Fuel Pump	dk. green/yellow or white	+	inertia fuel shutoff switch in driver kick

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Item	Wire Color	Polarity	Wire Location
Rear Defroster	pink	- pulsed	HVAC Control Module in dash, 26 pin plug, pin 10
Left Front Heated Seat	red	- latched	HVAC Control Module in dash, 26 pin plug, pin 12
Right Front Heated Seat	dk. green/violet	- latched	HVAC Control Module in dash, 26 pin plug, pin 13
Speed Sense	dk. blue/yellow	ac	PCM in front passenger side of engine compartment, top plug, pin 3
Brake Wire	lt. green	+	brake pedal switch or SJB in passenger kick, gray 36 pin plug (H), pin 16
Parking Brake	red/yellow	-	parking brake sw or SJB in passenger kick, black 52 pin plug (C), pin 50
Horn Trigger	dk. blue	-	horn switch or SJB in passenger kick, blue 52 pin plug (B), pin 39
Wipers	dk. blue/orange (L), red (H), black (ground)	-	windshield wiper switch
Left Front Window (Up/Down)	motor part of module		
Right Front Window (Up/Down)	motor part of module		
Left Rear Window (Up/Down)	motor part of module		
Right Rear Window (Up/Down)	motor part of module		
Sun Roof (Open/Close)	lt. blue/org - pur/org (function with ign on only)	-	conv top sw or SJB in passenger kick, gray 26 pin plug (F), pins 16, 15
Sun Roof (Limit/Close)	white/violet (fully down), tan/black (fully up)	-	top ajar sw or SJB in passenger kick, black 52 pin plug (C), pins 19, 18
Radio 12V	red/white	+	radio, 24 pin plug, pin 1
Radio Ground	black/orange	-	radio, 24 pin plug, pin 13
Radio Ignition	gray/yellow	+	radio, 24 pin plug, pin 2
Factory Amp Turn-on	dk grn/pur (front sub amp), gry/blk (rear sub amp)	+	radio, 8 pin plug, pins 4 and 8
Left Front Speaker (+/-)	orange/lt. green - lt. blue/white	+,-	radio, 24 pin plug, pins 8 and 21
Right Front Speaker (+/-)	white/lt. green - dk. green/orange	+,-	radio, 24 pin plug, pins 11 and 12
Left Rear Speaker (+/-)	gray/lt. blue - tan/yellow	+,-	radio, 24 pin plug, pins 9 and 22
Right Rear Speaker (+/-)	orange/red - brown/pink	+,-	radio, 24 pin plug, pins 10 and 23

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Item	Wire Color	Polarity	Wire Location
Subwoofer (+/-)	brn/org - red/blk (F), pink/lt. grn - org/red (R)	+,-	radio, 8 pin plug, pins 1 and 2 (F), 5 and 6 (R)
Aux. Audio Input Left (+/-)	lt. green/black - lt. green/white	+,-	radio, 16 pin plug, pins 7 and 8
Aux. Audio Input Right (+/-)	red/black - red/white	+,-	radio, 16 pin plug, pins 6 and 14
RSE Audio Left (+/-)	red - white (satellite audio)	+,-	radio, 16 pin plug, pins 1 and 2
RSE Audio Right (+/-)	orange - pink (satellite audio)	+,-	radio, 16 pin plug, pins 9 and 10
Satellite Radio 12 Volts	red/white	+	Satellite Radio Receiver in passenger side trunk, 12 pin plug, pin 9
Satellite Radio Ground	black/orange	-	Satellite Radio Receiver in passenger side trunk, 12 pin plug, pin 3
Satellite Radio Ignition	(medium speed CAN)		
Satellite Radio Antenna	(coaxial cable)		
Satellite Audio Left (+/-)	red - white	+,-	Satellite Radio Receiver in passenger side trunk, 12 pin plug, pins 5, 11
Satellite Audio Right (+/-)	orange - pink	+,-	Satellite Radio Receiver in passenger side trunk, 12 pin plug, pins 6, 12

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What Fits

Item	Size	Depth	Location
Headunit	double DIN		center of dash
Left Front Speaker	6 x 8		left front door
Right Front Speaker	6 x 8		right front door
Left Rear Speaker	6 x 8		left rear side panel
Right Rear Speaker	6 x 8		right rear side panel
Subwoofer			front doors (F), left and right side of trunk (R)
Satellite Radio Tuner			passenger side trunk