2010 Ford Mustang - Requested by: ampire.de

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Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	Blue/Red (20A)	+	Ignition Switch, black 7 pin plug, pin 4
Ground	(chassis ground)		
Starter	Blue/White	+	Ignition Switch, black 7 pin plug, pin 7
Ignition	Gray/Violet	+	Ignition Switch, black 7 pin plug, pin 1
Accessory	Violet/Green	+	Ignition Switch, black 7 pin plug, pin 6
Keysense	Blue/Gray	+	Ignition Switch, black 7 pin plug, pin 5
CAN Bus High	White/Blue (HS CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 6
CAN Bus Low	White (HS CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 14
CAN Bus High 2	Gray/Orange (MS CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 3
CAN Bus Low 2	Violet/Orange (MS CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 11
RX DATA	Yellow/Orange	Data	PATS Transceiver on ignition switch, black 4 pin plug, pin 4
TX DATA	Violet/Gray	Data	PATS Transceiver on ignition switch, black 4 pin plug, pin 3
Power Lock	blue/green	-	under driver dash or SJB in pass kick, gray 26 pin plug (C), pin 17
Power Unlock	yellow/violet	-	under driver dash or SJB in pass kick, gray 26 pin plug (C), pin 4
Lock Motor	gray/brown	5 wire	driver kick or SJB in passenger kick, black 32 pin plug (D), pin 6
Driver Unlock Motor	blue/green	5 wire	driver kick or SJB in passenger kick, black 32 pin plug (D), pin 28
Passenger Unlock Motor	violet/gray	5 wire	SJB in passenger kick, black 32 pin plug (D), pin 27
Factory Alarm Arm	yellow/gray (key lock)	-	driver kick or SJB in passenger kick, gray 26 pin plug (C), pin 9

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Item	Wire Color	Polarity	Wire Location
Factory Alarm Disarm	green/violet (key unlock)	-	driver kick or SJB in passenger kick, gray 26 pin plug (C), pin 8
Parking Lights	violet/white	+	SJB in passenger kick, gray 13 pin plug (E), pin 6
Parking Lights -	gray (see Tech Doc 1096)	-	headlight switch, gray 10 pin plug, pin 2
Parking Lights Interrupt	black/violet (see Tech Doc 1096)	cut	headlight switch, gray 10 pin plug, pin 3
Hazards	brown/yellow	-	hazard switch or SJB in passenger kick, black 52 pin plug (B), pin 48
Turn Signal (Left)	blue/green (F)	+	SJB in passenger kick, black 26 pin plug (F), pin 21
Turn Signal (Right)	yellow/violet (F)	+	SJB in passenger kick, black 26 pin plug (F), pin 23
Headlight	blue/white (headlight); black/violet (switch ground)	- and cut	headlight switch, gray 10 pin plug, pins 7, 3
AutoLights	violet/green	cut	headlight switch, gray 10 pin plug, pin 4
Reverse Light	green/brown	+	BCM B in right side of trunk, black 24 pin plug, pin 5
Left Front Door Trigger	green/violet	- N.C.	under driver dash or SJB in pass kick, gray 26 pin plug (C), pin 14
Right Front Door Trigger	white	- N.C.	SJB in passenger kick, gray 26 pin plug (C), pin 2
Dome Light	gray/violet	+	SJB in passenger kick, gray 14 pin plug (A), pin 9
Trunk/Hatch Pin	gray/orange	- N.C.	SJB in passenger kick, gray 26 pin plug (C), pin 16
Hood Pin	blue/orange	- N.C.	hood switch or SJB in passenger kick, black 26 pin plug (F), pin 10
Trunk/Hatch Release	brown/yel (coupe); brown/yel or brown/pur (conv)	-	release switch or SJB in passenger kick, gray 26 pin plug (C), pin 20
Trunk Release Motor	brown/blue	+	SJB in passenger kick, black 32 pin plug (D), pin 31
Tachometer	gn/bu, gy/ye, pu/gy, ye/og, bn, gn/wh, gy/bn, pu/o	ac	any fuel injector, black (V6) or gray (V8) 2 pin plug, pin 1
Clutch Pedal	blue/orange	-	clutch switch, black 2 pin plug, pin 1

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Item	Wire Color	Polarity	Wire Location
Fuel Pump	violet/green	+	fuel shutoff sw in driver kick, 3 pin plug, pin 2
Rear Defroster	white/orange	- latched	HVAC Module, gray 26 pin plug, pin 2
Left Front Heated Seat	white/blue	- latched	HVAC Module, gray 26 pin plug, pin 9
Right Front Heated Seat	gray/yellow	- latched	HVAC Module, gray 26 pin plug, pin 10
Speed Sense	gray/orange	ac	PCM next to underhood fuse box, top 50 pin plug, pin 3
Brake Wire	violet/white	+	brake switch or SJB in passenger kick, black 52 pin plug (B), pin 40
Parking Brake	white/violet	-	park brake sw or SJB in passenger kick, gray 26 pin plug (C), pin 1
Horn Trigger	blue/white	-	horn switch or SJB in passenger kick, black 52 pin plug (B), pin 41
Wipers	blue/orange (L); violet/orange (H); blk/pur (grnd)	-	wiper switch, black 16 pin plug, pins 16, 9, 15
Left Front Window (Up/Down)	(motor is part of module); green/pur (global open)		BCM B in right side of trunk, black 24 pin plug, pin 10
Right Front Window (Up/Down)	(motor is part of module)		
Left Rear Window (Up/Down)	(motor is part of module) (convertible)		
Right Rear Window (Up/Down)	(motor is part of module) (convertible)		
Sun Roof (Open/Close)	blue/org - green/pur (funct w/ign on only) (conv)	-	pass kick or BCM B in right side of trunk, gray 26 pin plug, pins 18 - 5
Radio 12V	white/red	+	radio, gray 24 pin plug, pin 1
Radio Ground	black/gray	-	radio, gray 24 pin plug, pin 13
Radio Ignition	(MS CAN)		
Radio Illumination	(MS CAN)		
Factory Amp Turn-on	blu/grn (amp); pur/red (F sub amp); gry/pur(R sub)	+	radio, gray 24 pin plug, pin 7; gray 8 pin plug, pins 4, 8
Power Antenna	yellow/green	+	radio, gray 24 pin plug, pin 5
Left Front Speaker (+/-)	white - white/brown or green - gray	+,-	radio, gray 24 pin plug, pins 8 - 21

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Item	Wire Color	Polarity	Wire Location
Right Front Speaker (+/-)	white/violet - white/orange or violet - yellow	+,-	radio, gray 24 pin plug, pins 11 - 12
Left Rear Speaker (+/-)	white/green - brown/yellow or green/brn - gray/brn	+,-	radio, gray 24 pin plug, pins 9 - 22
Right Rear Speaker (+/-)	brown/white - brown/blue or violet/brn - yel/blue	+,-	radio, gray 24 pin plug, pins 10 - 23
Subwoofer (+/-)	pur/grn - grn/wht (F); brn/blue - wht/blue (R)	+,-	radio, gray 8 pin plug, pins 1 - 2; 5 - 6
Aux. Audio Input Left (+/-)	blue - yellow/green (without SYNC)	+,-	radio, gray 16 pin plug, pins 7 - 8
Aux. Audio Input Right (+/-)	blue/green - white/green (without SYNC)	+,-	radio, gray 16 pin plug, pins 6 - 14
RSE Video (+/-)	brown/violet - white/green (navigation video)	+,-	radio, gray 10 pin plug, pins 3 - 8
RSE Audio Left (+/-)	blue - gray/orange (SYNC audio)	+,-	radio, gray 16 pin plug, pins 1 - 2
RSE Audio Right (+/-)	violet/green - brown/white (SYNC audio)	+,-	radio, gray 16 pin plug, pins 9 - 10
Satellite Radio 12 Volts	(built into radio)		

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What Fits

Item	Size	Depth	Location
Headunit	irregular		center of dash
Left Front Speaker	6 x 8	4	left front door
Right Front Speaker	6 x 8	4	right front door
Left Rear Speaker	6 x 8	6	left rear deck or quarter panel
Right Rear Speaker	6 x 8	6	right rear deck or quarter panel
Subwoofer	8	4	each front door (F); right side of trunk (R)
Satellite Radio Tuner	(built into radio)		

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Additional Wiring Notes

Item	Note
Left Front Speaker (+/-)	On models with amplifier, the speaker wires are white - white/brown at the amplifier in right side of trunk, gray 14 pin plug, pins 13 - 6.
Left Rear Speaker (+/-)	On models with amplifier, the speaker wires are white/green - brown/yellow at the amplifier in right side of trunk, gray 14 pin plug, pins 12 - 5.
Right Front Speaker (+/-)	On models with amplifier, the speaker wires are white/purple - white/orange at the amplifier in right side of trunk, gray 14 pin plug, pins 11 - 4.
Reverse Light	On models with auto-dimming rearview mirror, can also use gray/brown (+) in the passenger kick, harness to rear.
Right Rear Speaker (+/-)	On models with amplifier, the speaker wires are brown/white - brown/blue at the amplifier in right side of trunk, gray 14 pin plug, pins 10 - 3.
Turn Signal (Left)	The rear turn signals are gray/brown, brown/purple, and white/green at the BCM B in right side of trunk, black 24 pin plug, pins 4, 3, and 2.
Turn Signal (Right)	The rear turn signals are purple/orange, brown, and gray/purple at the BCM B in right side of trunk, black 24 pin plug, pins 16, 15, and 14.