

ALARM & REMOTE START WIRING

WIRE	COLOR	LOCATION
12V CONSTANT WIRE	ORANGE	Pin 3 in White 6-Pin Plug At Relay Bank To The Left Of The Steering Column
STARTER WIRE 1 (-)	LIGHT GREEN	Pin 1 in White 12-Pin Plug At Start Push Button
STARTER WIRE 2 (-)	PURPLE	Pin 7 in White 12-Pin Plug At Start Push Button
IGNITION WIRE 1	BLUE	Pin 4 in White 6-Pin Plug At Relay Bank To The Left Of The Steering Column
ACCESSORY WIRE 1	WHITE	Pin 6 in White 6-Pin Plug At Relay Bank To The Left Of The Steering Column
ACCESSORY WIRE 2	PINK	Pin 5 in White 8-Pin Plug At Relay Bank To The Left Of The Steering Column
KEYSENSE (+)	LIGHT BLUE	Pin 17 in Blue 24-Pin Plug At Body Control Module Above Driver's Kick Panel
POWER DOOR LOCK (-)	LIGHT GREEN	Pin 14 in White 24-Pin Plug At Body Control Module Above Driver's Kick Panel
NOTE: Lock is negative trigger through a 1000 ohm resistor. Test using the key in the driver's door		
POWER DOOR UNLOCK (-)	Same as arm wire	
NOTE: Unlock is a negative trigger.		
PARKING LIGHTS (+)	ORANGE	Harness in driver's kick panel running towards rear of vehicle
PARKING LIGHTS (-)	GRAY	Pin 23 in Blue 24-Pin Plug At Body Control Module Above Driver's Kick Panel
ALL DOOR TRIGGER (-)		Use domelight supervision wire
LEFT FRONT DOOR TRIGGER	BLUE	At Body Control Module Above Driver's Kick Panel
NOTE: Each individual door trigger wire rests at (-) ground and goes to open when the door is opened		
RIGHT FRONT DOOR TRIGGER	GREEN	At Body Control Module Above Driver's Kick Panel
LEFT REAR DOOR TRIGGER	BROWN	At Body Control Module Above Driver's Kick Panel
RIGHT REAR DOOR TRIGGER	ORANGE	At Body Control Module Above Driver's Kick Panel
DOME SUPERVISION (-)	GREEN	Pin 15 in White 16-Pin Plug At Body Control Module Above Driver's Kick Panel
TRUNK TRIGGER (-)	WHITE	Pin 15 in White 24-Pin Plug At Body Control Module Above Driver's Kick Panel
HOOD TRIGGER	ORANGE	Pin 17 in Gray 24-Pin Plug At Body Control Module Above Driver's Kick Panel
NOTE: Rests at (-) ground and goes to open when the hood is opened		
TRUNK RELEASE (-)	BROWN	Pin 8 in White 24-Pin Plug At Body Control Module Above Driver's Kick Panel
NOTE: Test with rear hatch release button.		
FACTORY ALARM ARM	GREEN	Pin 13 in White 24-Pin Plug At Body Control Module Above Driver's Kick Panel
NOTE: Arm is negative trigger through a 1000 ohm resistor. Test using the key in the driver's door		
FACTORY ALARM DISARM (-)	Same as arm wire	
NOTE: Disarm is a negative trigger. Test using the key in the driver's door.		
TACHOMETER WIRE (AC)	RED, BROWN, PURPLE or PINK	At Fuel Injectors
NOTE: On Mazdaspeed3, injector wires are RED, BROWN, LIGHT GREEN or PURPLE		
PARKING BRAKE (-)	PURPLE	Pin 9 in Blue 24-Pin Plug At Body Control Module Above Driver's Kick Panel
REAR DEFROST (-)	LIGHT BLUE	At Body Control Module Above Driver's Kick Panel
BRAKE WIRE (+)	GREEN	At Brake Pedal Switch
REVERSE LIGHT (+)	WHITE	Pin 9 in Gray 24-Pin Plug At Body Control Module Above Driver's Kick Panel
HORN TRIGGER (-)	BLUE	Pin 11 in Blue 24-Pin Plug At Body Control Module Above Driver's Kick Panel
LEFT FRONT WINDOW UP	WHITE/BLACK	At Left Front Window Switch
LEFT FRONT WINDOW DOWN	WHITE/GREEN	At Left Front Window Switch
RIGHT FRONT WINDOW UP	ORANGE	At Left Front Window Switch
RIGHT FRONT WINDOW DOWN	LIGHT BLUE	At Left Front Window Switch
LEFT REAR WINDOW UP	WHITE	At Left Front Window Switch
LEFT REAR WINDOW DOWN	PURPLE	At Left Front Window Switch
RIGHT REAR WINDOW UP	GREEN	At Left Front Window Switch
RIGHT REAR WINDOW DOWN	PURPLE	At Left Front Window Switch

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ALARM & REMOTE START INTERFACE MODULES		
MODULE	PART NUMBER	NOTES
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Please verify all part numbers before ordering.		

AUDIO WIRING		
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RADIO SWITCHED	LIGHT BLUE	Radio Harness
RADIO GROUND	BLACK	Radio Harness
ILLUMINATION (+)	LIGHT GREEN	Radio Harness
POWER ANTENNA (+)	BLACK	Radio Harness
LEFT FRONT SPEAKER(+)	WHITE	At Speaker or Amplifier
LEFT FRONT SPEAKER (-)	YELLOW	At Speaker or Amplifier
RIGHT FRONT SPEAKER (+)	RED	At Speaker or Amplifier
RIGHT FRONT SPEAKER (-)	BLUE	At Speaker or Amplifier
LEFT REAR SPEAKER (+)	WHITE	At Speaker or Amplifier
LEFT REAR SPEAKER (-)	LIGHT GREEN	At Speaker or Amplifier
RIGHT REAR SPEAKER (+)	LIGHT BLUE	At Speaker or Amplifier
RIGHT REAR SPEAKER (-)	BROWN	At Speaker or Amplifier

AUDIO SYSTEM NOTES			
FRONT SPEAKERS	REAR SPEAKERS	AMP LOCATION	NOTES
1" Tweeter, 6x8"	6x8"		

STEREO INSTALLATION PARTS			
BRAND	DASH KIT	WIRE HARNESS ADAPTER	ANTENNA ADAPTER
METRA	99-7514B	70-7903	40-HD10
SCOSCHE	MA1543B	MA03B	HAAB
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NOTE: Unlock is a negative trigger.		
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LEFT FRONT WINDOW UP	WHITE/BLACK	At Left Front Window Switch
LEFT FRONT WINDOW DOWN	WHITE/GREEN	At Left Front Window Switch
RIGHT FRONT WINDOW UP	ORANGE	At Left Front Window Switch
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