



### EZ26 - 26 Circuit Wiring System

### EZ20 - 20 Circuit Wiring System

### EZ12 - 12 Circuit Wiring System



**IMPORTANT:** The below instructions are referring to a general installation. Your vehicle may vary from the vehicles described in these instructions use the diagrams that best describe your vehicle.

## 1 Please read the following instructions carefully.

Reading these instructions before starting this installation, will insure a complete and trouble free installation. These instructions were designed after installing this system in different applications and should make this an easy job for any type of make and model vehicle that you are working on.

To help you with the installation, we have provided basic instructions for Ford, GM and Mopar systems. Please remember that these are basic instructions for your installation. The specific vehicle you're working on may require some modification for your application, depending on what accessories you plan to use. Whenever using after-market equipment or accessories, always use the diagrams provided with that equipment.

When we reference a specific wire, it will be shown with its label then its color. The labeled wire in our instructions will match the label on the wire exactly. If a diagram or picture displays a wire that is not provided in the kit, then you will need to provide that wire. An example of this would be a ground wire. When installing ground wires, make sure the wire is connected directly to a solid chassis ground. We recommend that you use the color black for all ground wires during the installation.

## 2 Take good notes.

We have provided plenty of writing space throughout the instructions to make notes during the installation. Taking notes will help you with the install so you don't get lost along the way. In each section of the instructions, you will find a checklist that references the wires to be used. The checklists are labeled "Front", "Rear", "Dash" and "Steering". Here you will write down what wires you will use or not use. If you are using a wire from one section but routing it to a different section, make sure you write down the wire in the new checklist. An example of this could be the fuel pump wire. Go to the "Rear" Checklist, next to the fuel pump wire, write the words, "Front section" in the "Relocate" box. In some cases you might have some wires that you will not be using at all. Place a check mark or an "x" in the "Not Used" column pertaining to the checklist where that wire is located. Keep in mind that it's a good idea to leave this wire in the harness and it should also be routed to the proper location. An example of this would be the cruise control wire, since not all installations will have a cruise control system added to the vehicle. You should still route the wire to where a cruise control module would be installed, just in case a cruise control system is added at a later date. This will give you or your customer future options that can be added to the vehicle when needed.

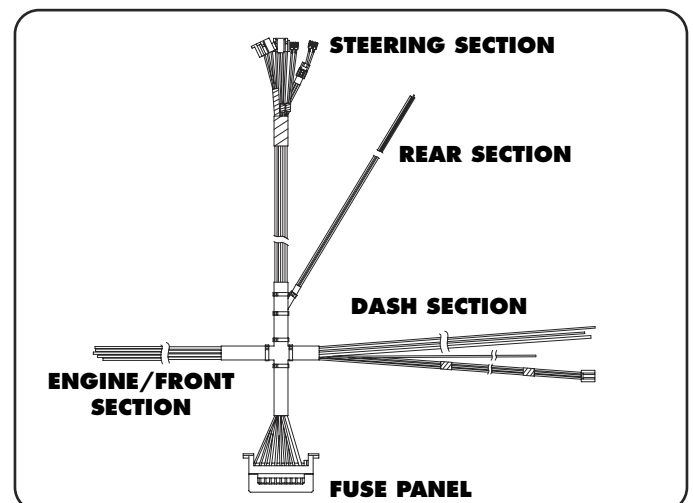
## 3 Preparing the wire harness for installation.

You will need a large area to spread out the harness and prepare for the installation. The floor or a work bench would be a good location to get started. Your new wire harness kit will have four sections, "Front", "Rear", "Dash", "Steering", as described above.

Begin with the "Front" section of wires. These are the wires that will be mounted through the fire wall. Unwrap or uncoil the wires and lay them out straight towards the front of the vehicle. The next section of wires will be the "Tail" section. Unwrap or uncoil the wires and lay them out straight towards the rear of the vehicle. The remaining sections of wires are the "Dash" and the "Steering" column sections. The "Steering" column section has the two main connectors that are black and white. The last section is the "Dash" section. Unwrap or uncoil the wires and lay them out straight near the fuse panel.

To insure correct wiring, start by removing all unused wires from the loom and work one section at a time. At this point of the installation it is important to remove each wire, one at a time, by pulling them through the cable ties in the harness.

Once all unused wires are removed from the harness, start to move the noted wires from one section to another by pulling them through the cable ties and into the desired section. Please take caution to insure you insert the wire into all cable ties throughout the harness sections. Once completed you can now add any additional wires that are not provided in the system. To insure accuracy and easy upgrades, please take notes on any additional circuits that you add.



#### 4 Mounting the fuse panel.

The best place to mount the fuse panel is in a flat dry location away from any heat source near the steering column. It is important to note that you should avoid running or mounting wire away from any moving parts such as: brake pedal, gas pedal, linkage controls, and steering controls. Once mounted, find a location on the firewall and drill a 1 1/4" hole to run all needed wires into the engine compartment of the vehicle.

#### 5 Routing the wires.

The final step is to clean up your installation by grouping all the wires together and securing them with the cable ties that came in the kit. It is important to take your time and go section by section of your vehicle starting at the tail section and finishing at the dash section.

#### Engine & Front Section:

Start by separating all the engine wires from the other wires in this section. At this point please reference the Front & TRear diagram(pg 5) to finish wiring your lights and accessories. To wire your engine please choose the best diagram that fits your vehicle from the Ford, Mopar, or GM sections. It is important to remember that you must use a fusible link on the red 8 gauge BATT wire. In the event you are using an AMP meter please reference the dash diagram's AMP meter section to insure correct installation.

#### ENGINE/FRONT CHECKLIST

	No.	Spec.	Color		RELOCATE	NOT USED
EZ12	A1	14AWG	Brown	ALT EXC		
EZ12	A4	16AWG	Lgt Green	REV.SWITCH		
EZ12	B2	8AWG	Red	BATT		
EZ12	D1	14AWG	Blk/Red	FAN PWR		
EZ12	D3	14AWG	Tan	CHOKE		
EZ12	H3	16AWG	White	TACH		
EZ12	H4	16AWG	Green	TEMP		
EZ12	H5	16AWG	Drk Blue	RF TURN		
EZ12	H6	14AWG	Blue/Wht	HI BEAM		
EZ12	H7	16AWG	Blue	LF TURN		
EZ12	H8	14AWG	Tan	LO BEAM		
EZ12	H10	16AWG	Lgt Green	F PARK LIGHT		
EZ12	H11	12AWG	Violet	STARTER		
EZ12	H12	12AWG	Pink	COIL		
EZ12	H19	16AWG	Brown	REV.LIGHT		
EZ12	H28	16AWG	Blue	OIL		
EZ12	H30	14AWG	Green	HORN		

#### FUSE PANEL

No.	Spec.	Color		NOT USED
A1	14AWG	Brown	ALT EXC	
A2	14AWG	Red/Blue	ACC 1	
A3	14AWG	Red/Green	ACC 2	
A4	16AWG	Pink	CRUISE/REV	
A5	12AWG	Orange	HEATER	
A6	14AWG	Yellow	WIPER	
A7	14AWG	Orange/Blk	CIG LIGHTER	
A8	16AWG	Orange	DOME LIGHT PWR	
A9	14AWG	Green/Red	KEYLESS	
A10	10AWG	Orange/Blk	SHAVED DOORS	
B1	10AWG	Brown	KEY ACC	
B2	8AWG	Red	BATT	
C1	10AWG	Orange	IGNITION	
D1	14AWG	Blk/Red	FAN PWR	
D2	16AWG	Red	GAUGES	
D3	14AWG	Brown/White	CHOKE/FUEL	
D4	12AWG	Pink	PWR WIN	
D5	12AWG	Orange	PWR SEAT	
D6	16AWG	Orange	RADIO ACC	
D7	16AWG	Orange	BRAKE SWITCH	
D8	16AWG	Violet	HORN/FLASHER	
D9	16AWG	Gray	12V PORT	
D10	12AWG	Blue	HEAD LIGHT	

#### Rear Section:

Run all the wires to the back of the vehicle along your vehicles floor pan into the trunk area avoiding all moving parts. Use tape or cables ties to secure the wires to your vehicle. Once all the wires have been routed to the tail section you will need to hook up all appropriate wires including but not limited to your fuel gauge sender, tail lights, fuel pump, and dome light.

#### REAR CHECKLIST

	No.	Spec.	Color		RELOCATE	NOT USED
EZ20	A8	16AWG	Orange	DOME LIGHT PWR		
EZ12	D3	14AWG	Brown/Wht	FUEL PUMP		
EZ12	H16	16AWG	Lgt Green	R PARK LIGHTS		
EZ12	H19	16AWG	Brown	REV.LIGHT		
EZ12	H20	16AWG	Tan	FUEL GAUGE		
EZ12	H22	16AWG	White	BRAKE LIGHT		
EZ12	H23	16AWG	Yellow	LR TURN		
EZ12	H24	16AWG	Green	RR TURN		

## Steering Section:

The steering column section has all the necessary wires for your vehicles steering column including your ignition switch, turn signals, dimmer switch, and more. Keep It Cleans™ wire panel systems come prewired with two clear and black connectors for a GM steering column with a column mounted ignition switch. These connectors will plug in directly into your column mount ignition switch. In the event you use a different style of switch you may need to rewire the connectors. Please reference your switch diagram(pg 4) to insure correct wiring. Protocol's dimmer switch plug will fit GM floor mounted dimmer switches. Please reference the GM wiring section to choose the correct column plug and wire order for your vehicle.

All column plug wires are terminated and all plugs are letter coded. Please note that many styles of column connectors and wires have different colors and configurations. If your colors do not match or you are using a switch that is not mentioned then you will need to use a digital volt ohm meter and test for the correct wires. To save time most ignition switch wires are marked on the back. In the event you are using late model GM van column you will need to reference the dash section's ignition switch diagram(pg 4). In most cases late model GM van column turn signals will work correctly on all Keep It Clean™ wire kits. Please test plug for compatibility.

## STEERING CHECKLIST

	No.	Spec.	Color		RELOCATE	NOT USED
EZ12	B1	10AWG	Brown	KEY ACC		
EZ12	B2	12AWG	Red	BATT		
EZ12	C1	12AWG	Orange	IGNITION		
EZ12	H5	16AWG	Drk Blue	RF TURN		
EZ12	H7	16AWG	Blue	LF TURN		
EZ12	H10	16AWG	Lgt Green	F PARK LIGHTS		
EZ12	H11	12AWG	Violet	STARTER		
EZ12	H12	12AWG	Pink	COIL		
EZ12	H1	16AWG	Gray	DASH LIGHTS		
EZ12	H13	16AWG	Blue	LF TURN IND.		
EZ12	H14	16AWG	White	BRAKE SWITCH		
EZ12	H15	16AWG	Black	HORN		
EZ12	H18	16AWG	Drk Blue	RF TURN IND.		
EZ12	H21	12AWG	Drk Blue	DIMMER SW		
EZ12	H22	16AWG	White	BRAKE LIGHT		
EZ12	H23	16AWG	Yellow	LR TURN		
EZ12	H24	16AWG	Green	RR TURN		
EZ12	H16	16AWG	Lgt Green	R PARK LIGHTS		
EZ12	H29	16AWG	Drk Blue	HI BEAM IND.		
EZ12	D10	12AWG	Blue	HEAD LGT PWR		
EZ12		16AWG	Black (No Label)	HAZARD		

## Dash Section:

To save time and to insure easy installation start wiring the dash from the drivers side to the passengers side. Please keep in mind that the dash section contains several wires including, but no limited to: heater, headlight switch, gauges, wiper, cooling fan, and more. Once all wires are connected use cable ties to group and secure the wires together. Make sure not to route or secure the wires to any moving parts.

## DASH CHECKLIST

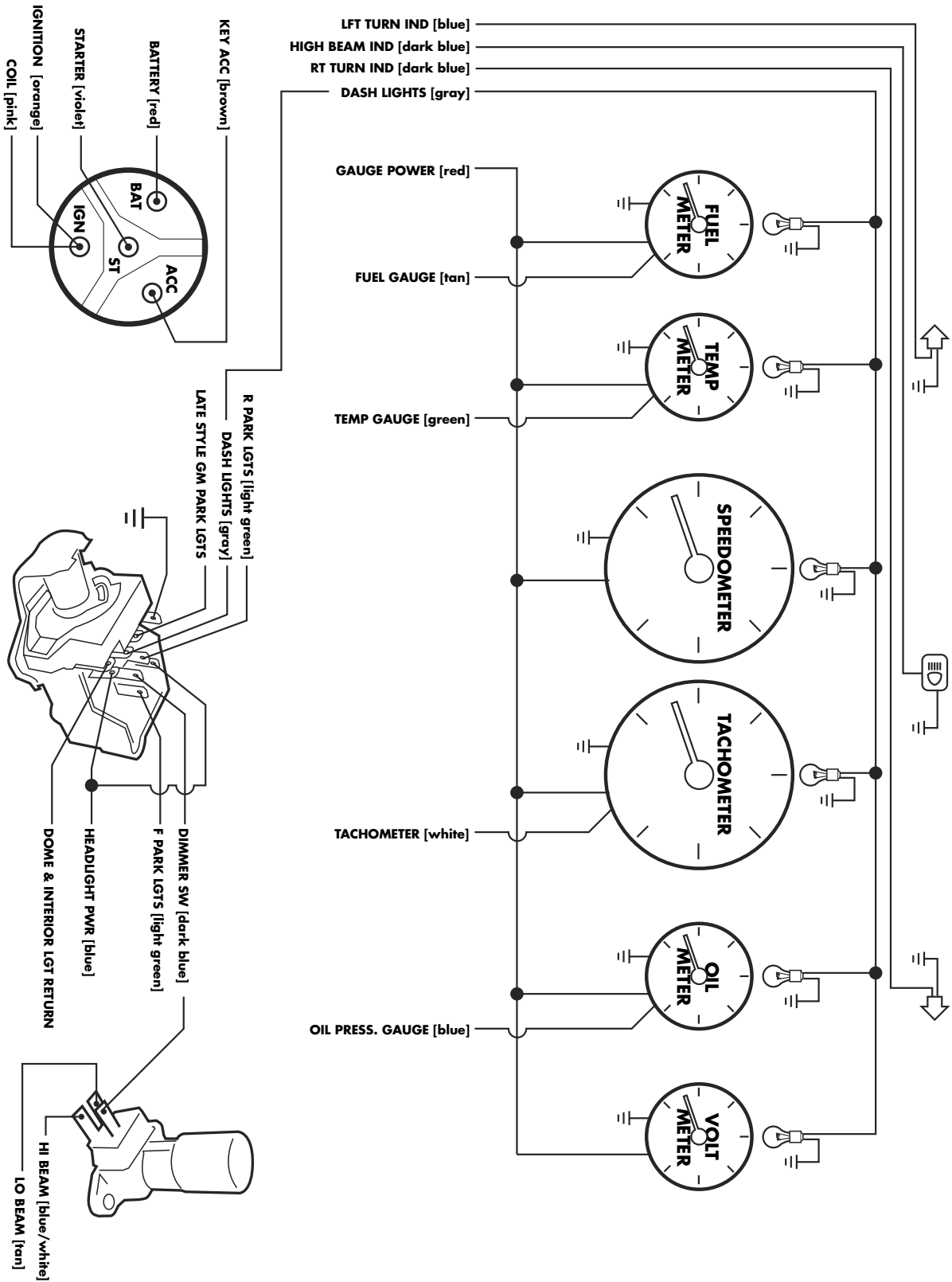
	No.	Spec.	Color		RELOCATE	NOT USED
EZ20	A2	14AWG	Red/Blue	ACC 1		
EZ26	A3	14AWG	Red/Green	ACC 2		
EZ20	A4	16AWG	Pink	CRUISE		
EZ12	A5	12AWG	Orange	HEATER		
EZ12	A6	14AWG	Yellow	WIPER		
EZ20	A7	16AWG	Orange	RADIO BATT		
EZ20	A7	14AWG	Orange/Blk	CIG.LIGHTER		
EZ20	A8	16AWG	Red	UNDER DASH LT		
EZ26	A9	14AWG	Green/Red	KEYLESS		
EZ26	A10	10AWG	Orange/Bed	SHAVED DOORS		
EZ12	D2	16AWG	Red	GAUGES PWR		
EZ26	D4	12AWG	Pink	PWR WINDOW		
EZ26	D5	12AWG	Orange	PWR SEATS		
EZ20	D6	16AWG	Orange	RADIO ACC		
EZ12	D7	16AWG	Orange	BRAKE SW PWR		
EZ26	D9	16AWG	Gray	12V PORT		
EZ12	H1	16AWG	Gray	DASH LIGHTS		
EZ12	H3	16AWG	White	TACH		
EZ12	H4	16AWG	Green	TEMP		
EZ12	H6	14AWG	Blue/Wht	HI BEAM		
EZ12	H8	14AWG	Tan	LO BEAM		
EZ12	H13	16AWG	Blue	LF TURN IND.		
EZ12	H14	16AWG	White	BRAKE SWITCH		
EZ12	H18	16AWG	Drk Blue	RF TURN IND.		
EZ12	H20	16AWG	Tan	FUEL GAUGE		
EZ12	H21	12AWG	Drk Blue	DIMMER SWITCH		
EZ12	H28	16AWG	Blue	OIL		

## 6 Final Installation:

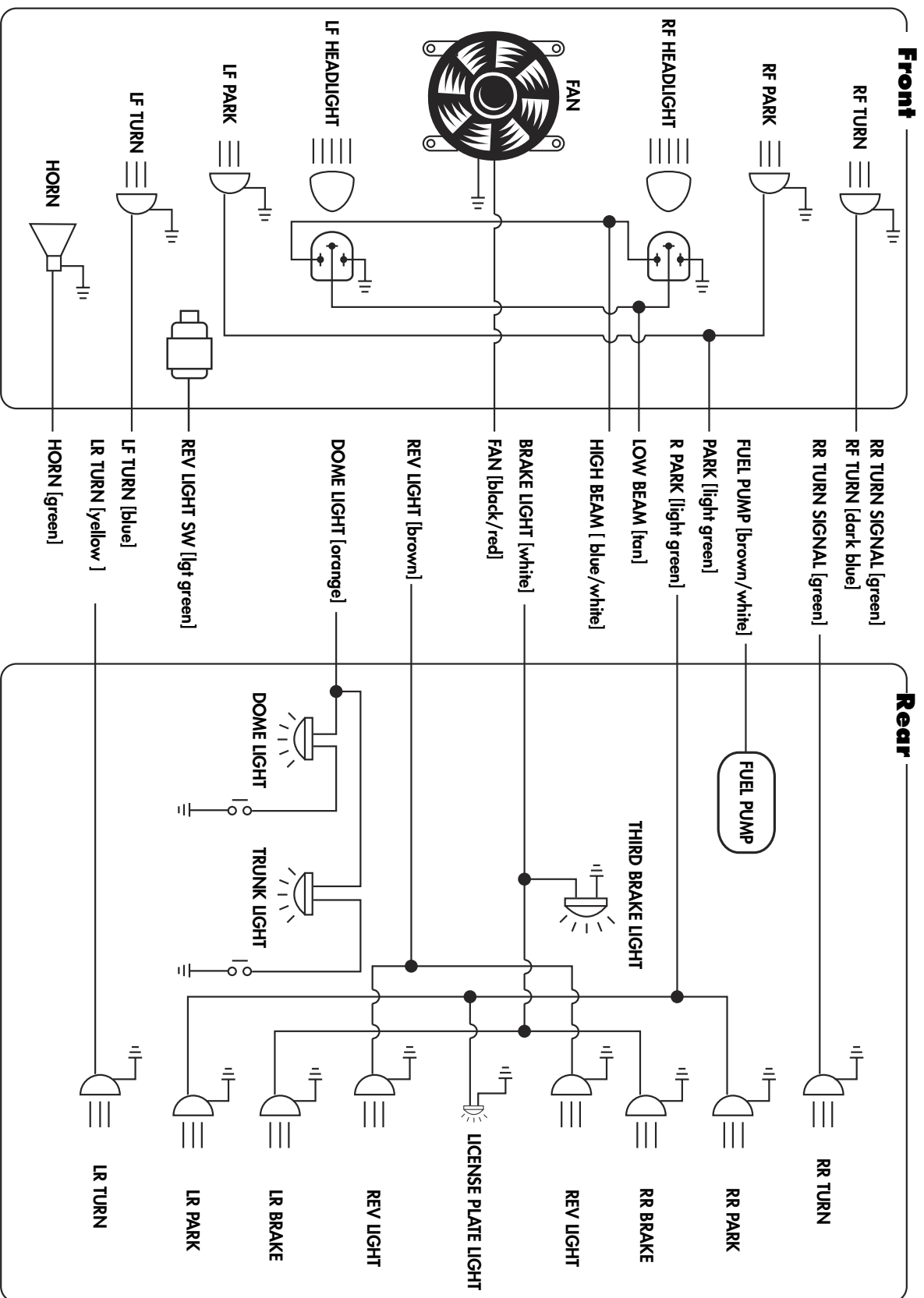
By this time all wires should be connected or terminated and secured to your vehicle. To start your vehicle for the first time follow these easy steps:

- A.** Turn off all accessories.
- B.** Close all doors, hood, and trunks.
- C.** Place the ignition switch in the "OFF" position.
- D.** Check to insure there is a fuse on the starter wire.
- E.** Connect the negative battery cable to the battery.
- F.** Check for current draw by connecting one side of a test light to the positive cable, and the other end to the positive side of the battery. If the light goes on you have either a short or an accessory drawing power. To find the short remove each wire until the light goes out. If you have a dim or no light then it's safe to hook up the positive cable.
- G.** Test the system and all accessories.

# DASH SECTION



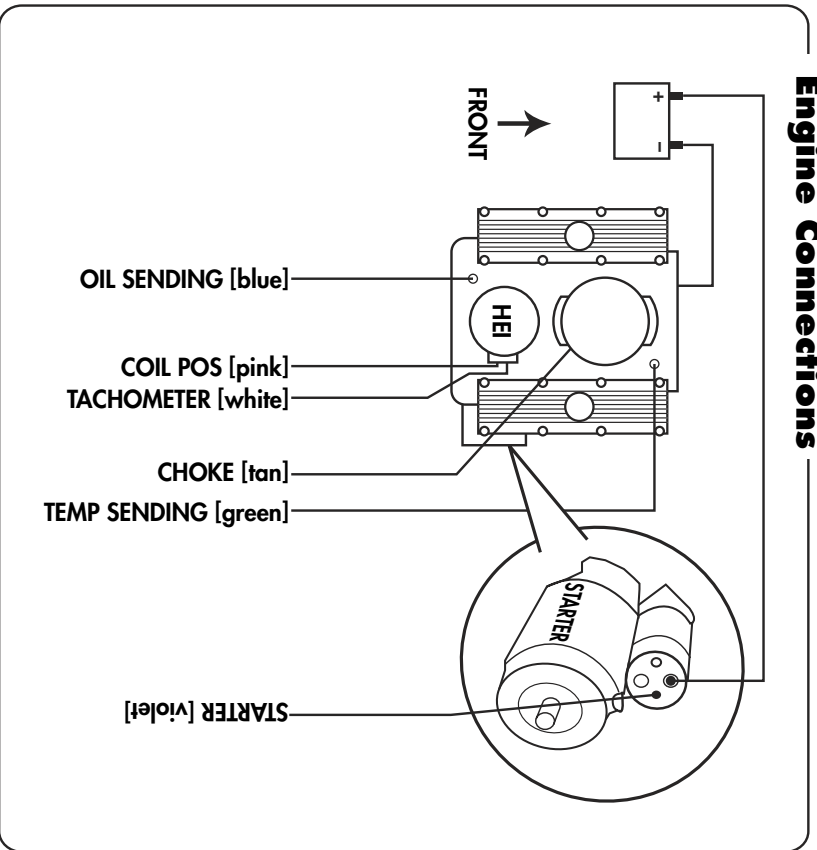
# FRONT & REAR DIAGRAMS



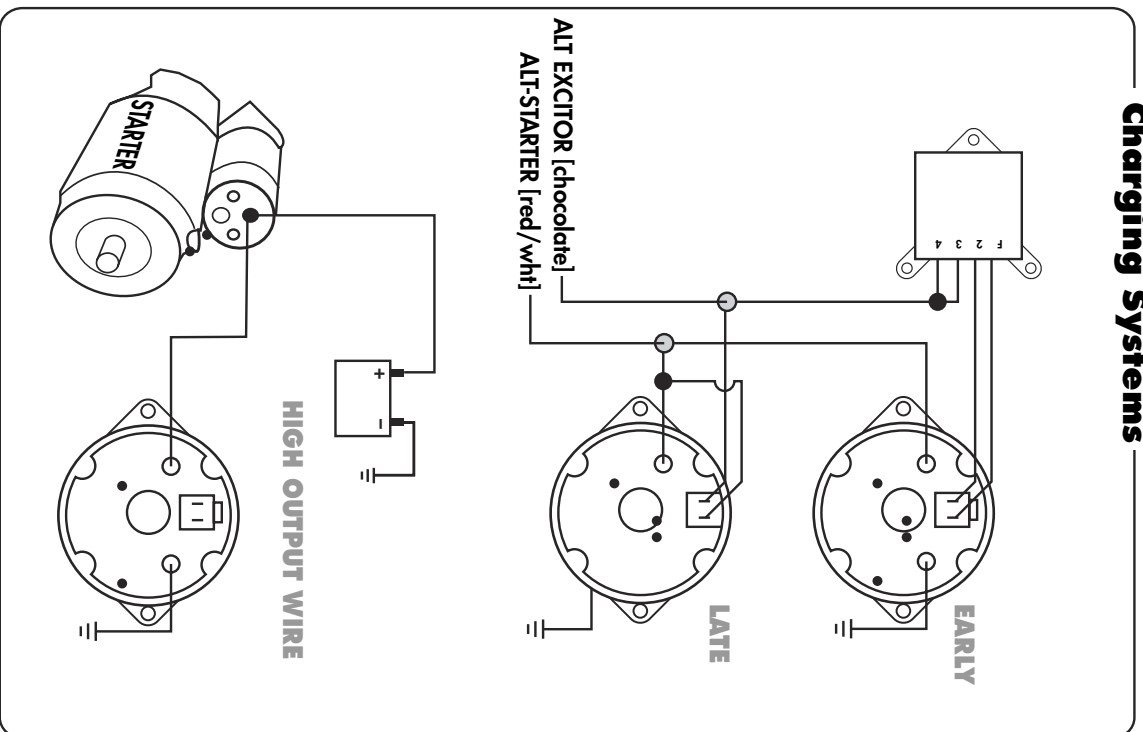
**NOTICE:** Most early model vehicles brake and turn signals are isolated through the turn signal switch.

# GM SPECIFIC DIAGRAMS

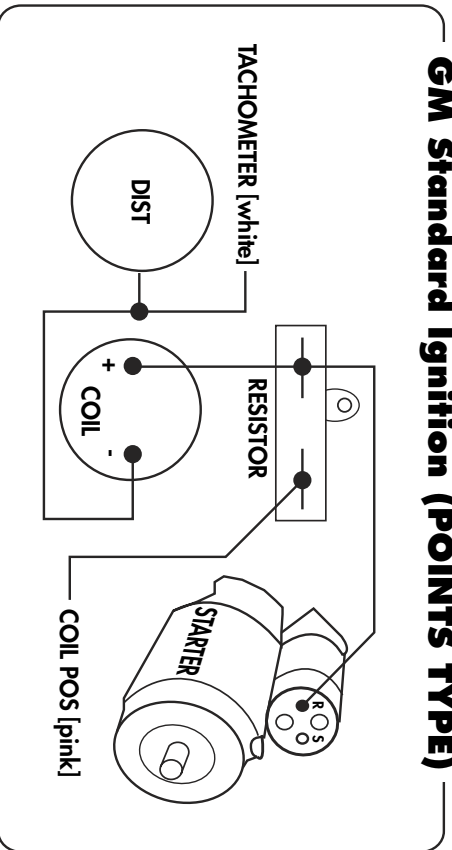
## Engine Connections



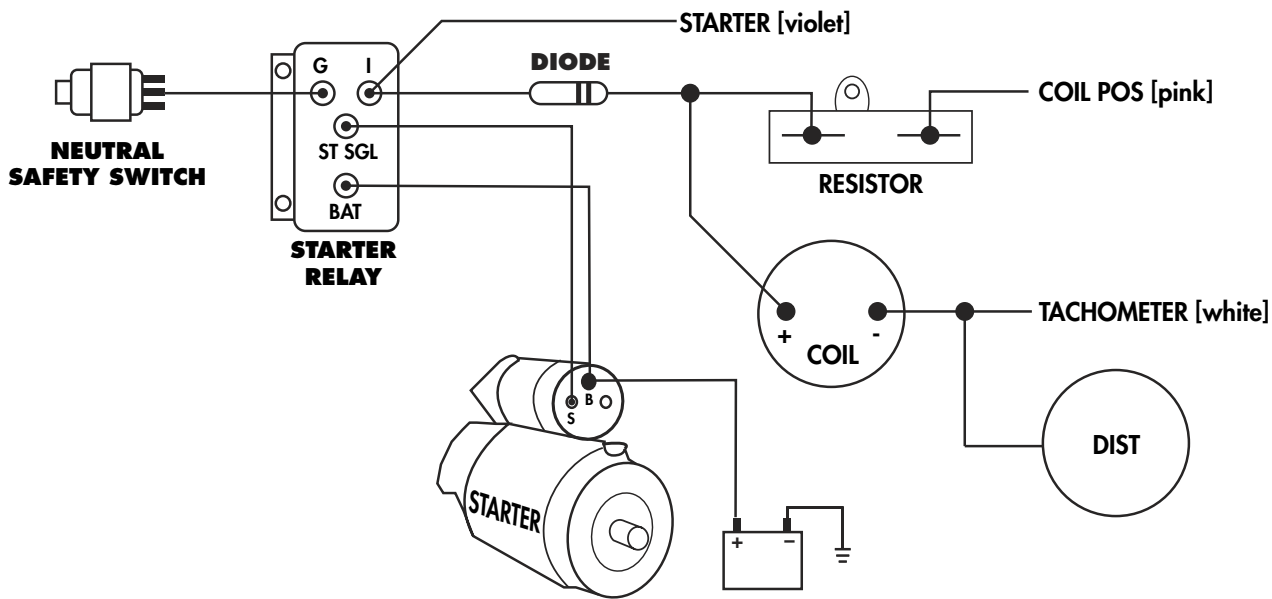
## Charging Systems



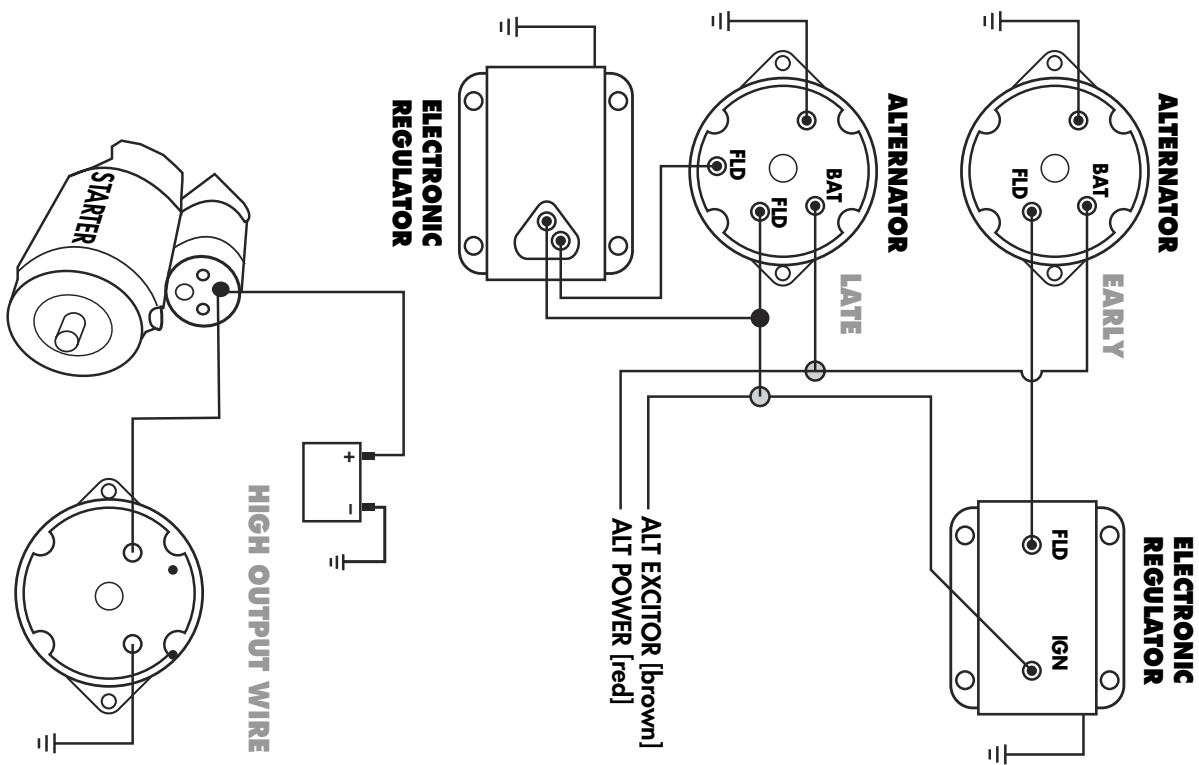
## GM Standard Ignition (POINTS TYPE)



**Mopar Ignition (START/RUN)**

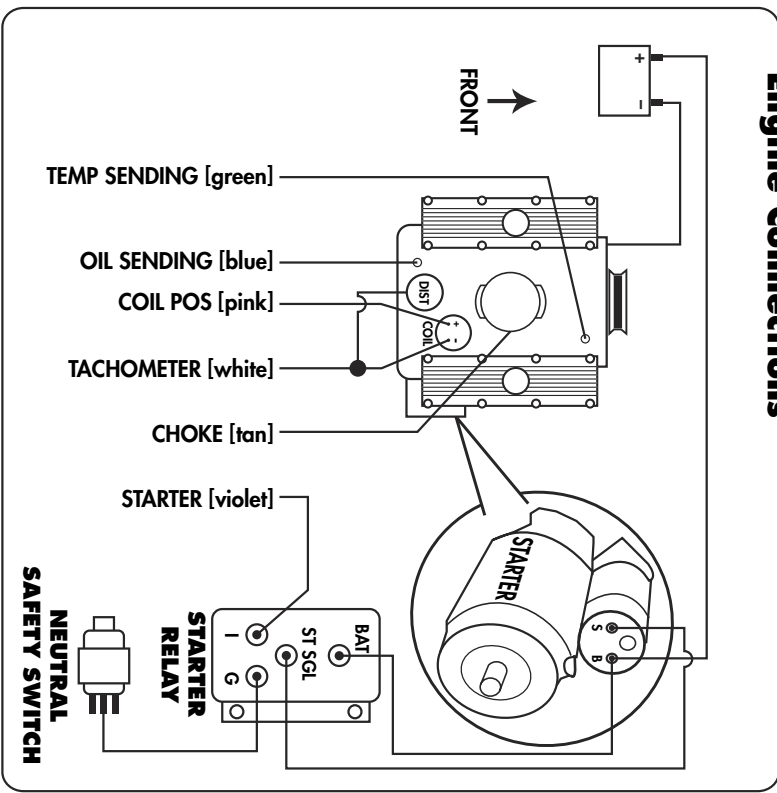


**Charging Systems**

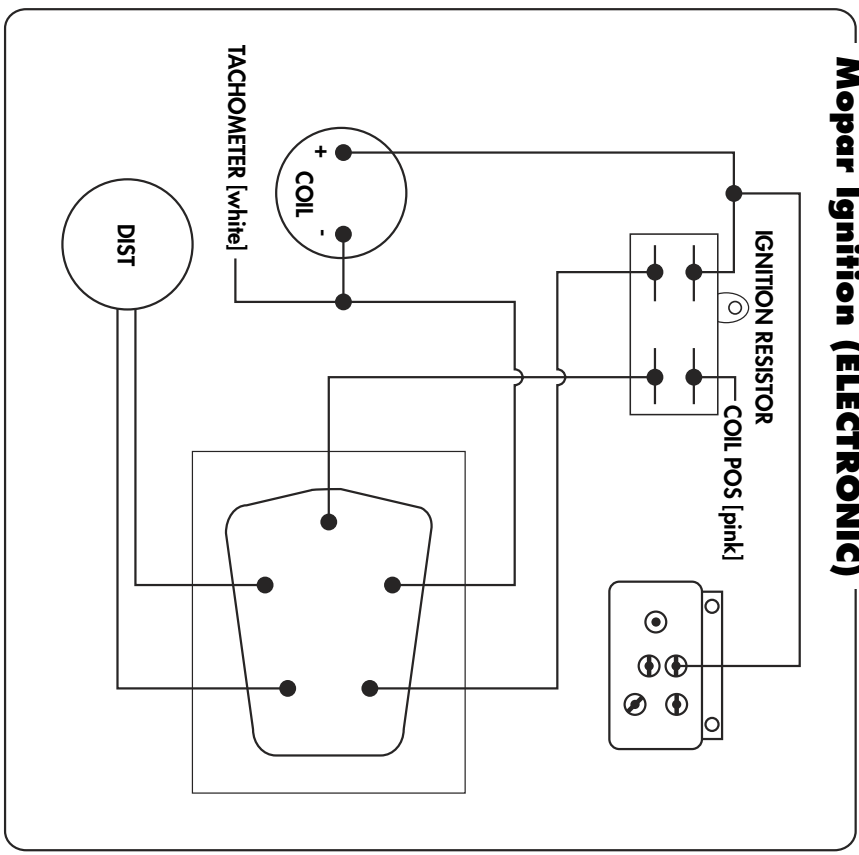


# MOPAR SPECIFIC DIAGRAMS 2 OF 2

## Engine Connections

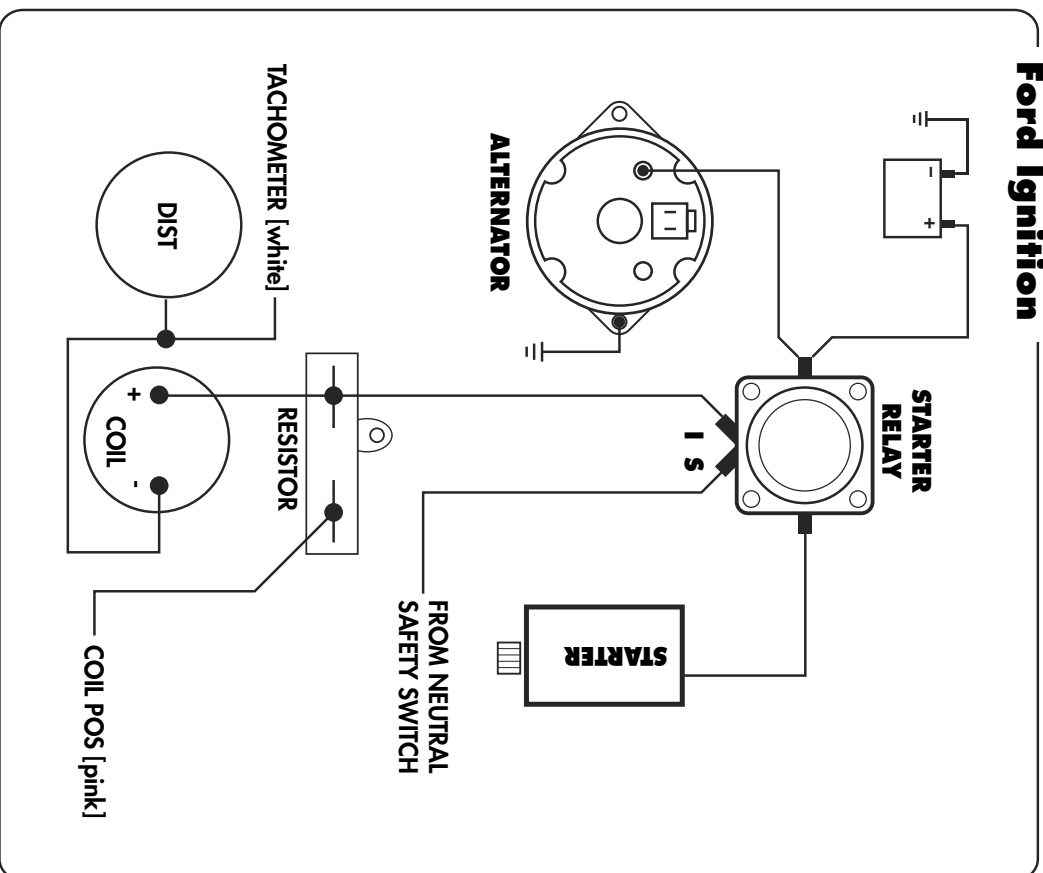


## Mopar Ignition (ELECTRONIC)

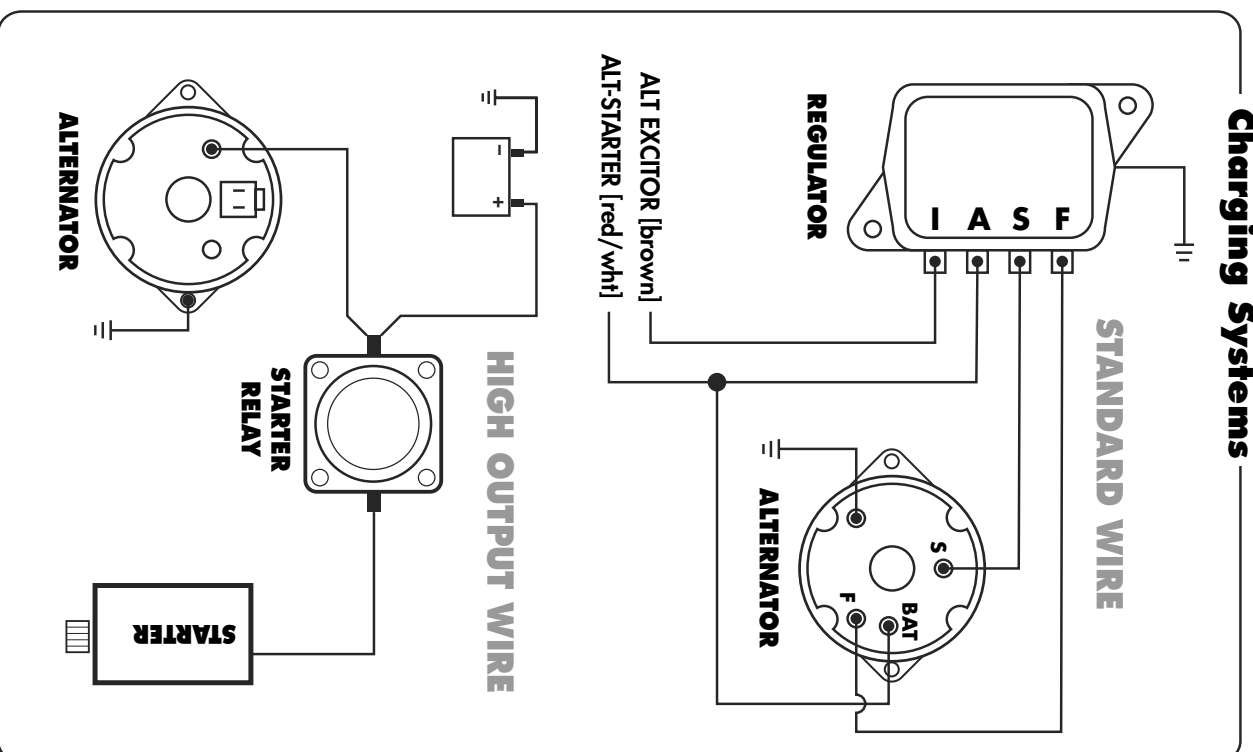


# FORD SPECIFIC DIAGRAMS 1 OF 2

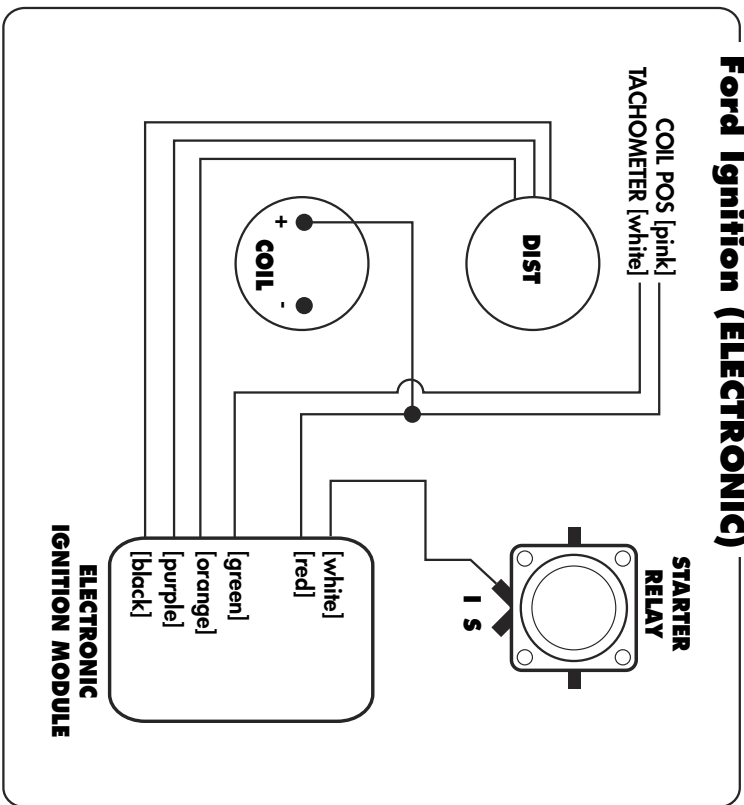
## Ford Ignition



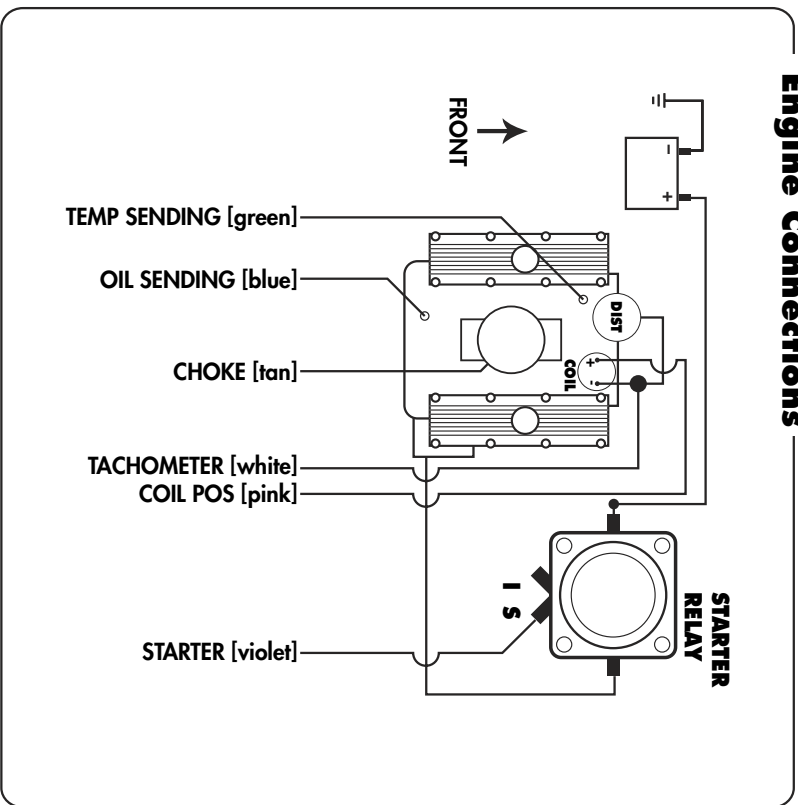
## Charging Systems



## Ford Ignition (ELECTRONIC)

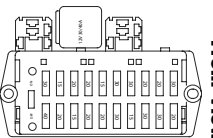


## Engine Connections



No.	Spec.	Color	ALT/EC	REC/INT	NOT USED
A1	16AWG	Blk	ALTYC		
A2	16AWG	Lgt Green	REV/SWICH		
B2	16AWG	Red	BATT		
D1	16AWG	Blk/Red	IGN/PWR		
D3	16AWG	Blk	CRCKE		
H3	16AWG	White	TACH		
H4	16AWG	Green	TRPV		
H5	16AWG	DK Blue	R/TURN		
H6	16AWG	Blk/Wht	R/TURN		
H7	16AWG	Blk/Wht	TR/BEAN		
H8	16AWG	Blk	LOBEAM		
H10	16AWG	Lgt Green	F/PARK LIGHT		
H11	12AWG	Vdlt	STARTER		
H12	12AWG	Pk	COL		
H19	16AWG	Brown	REV/LIGHT		
H28	16AWG	Blue	OL		
H30	16AWG	Green	HORN		

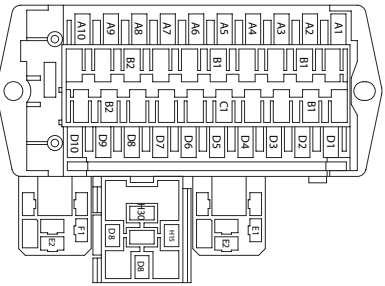
**ENGINE/FRONT SECTION**



**Front View**

No.	Spec.	Color	ALT/EC	REC/INT	NOT USED
A1	16AWG	Blk	ALTYC		
A2	16AWG	Blk/Red	ACC 1		
A3	16AWG	Blk/Green	ACC 2		
A4	16AWG	Pnk	CRUISE/REV		
A5	12AWG	Orange	HEATER		
A6	14AWG	Yellow	WIPER		
A7	14AWG	Orange/Ylk	DOOR LIGHT/PWR		
A8	16AWG	Green/Red	KEYLESS		
A9	16AWG	Orange/Ylk	STARTED DOORS		
A10	16AWG	Brown	ACC		
B2	16AWG	Red	SET		
C1	16AWG	Orange	IGNITION		
D1	16AWG	Blk/Red	IGN/PWR		
D2	16AWG	Red	CRUISES		
D3	16AWG	Brown/White	CRCKE/NUL		
D4	12AWG	Pnk	PWR SWR		
D5	12AWG	Orange	RAIO ACC		
D6	16AWG	Orange	HEATER		
D7	16AWG	Grey	HORN/FLASHER		
D8	16AWG	Grey	HORN/FLASHER		
D9	16AWG	Grey	12V HORN		
D10	12AWG	Blue	HEADLIGHT		

**FUSE PANEL**

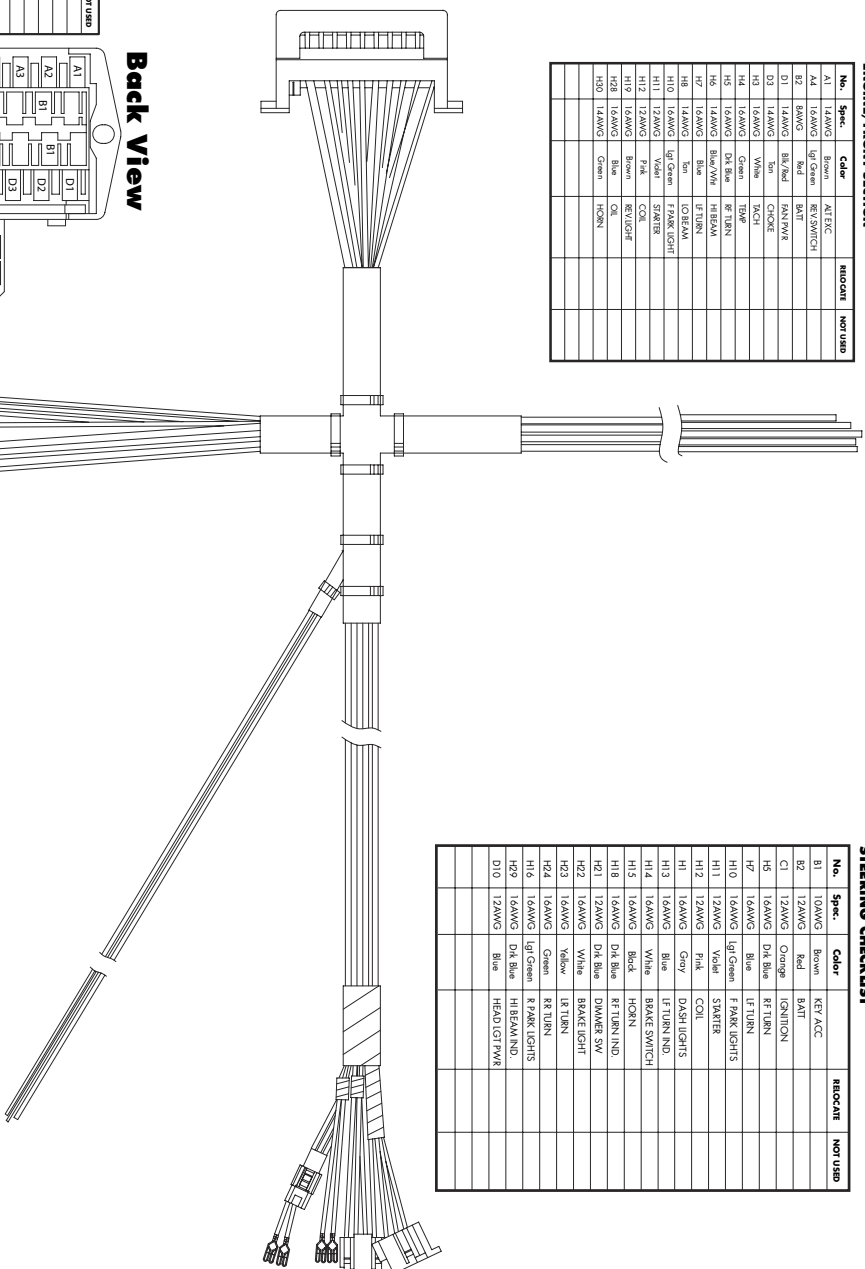


**Back View**

No.	Spec.	Color	BATT TO STARTER	ALT TO STARTER
H27	16AWG	Red		
H31	16AWG	Red/Wht		

No.	Spec.	Color	KEY ACC	REC/INT	NOT USED
B1	16AWG	Brown	KEY ACC		
B2	12AWG	Red	BATT		
C1	12AWG	Orange	IGNITION		
H5	16AWG	DK Blue	R/TURN		
H7	16AWG	Blue	L/TURN		
H10	16AWG	Lgt Green	F/PARK LIGHTS		
H11	12AWG	Vdlt	STARTER		
H12	12AWG	Pnk	COL		
H13	16AWG	Blue	DASH LIGHTS		
H14	16AWG	White	BRAKE SWITCH		
H15	16AWG	White	R/TURN IND		
H18	16AWG	DK Blue	DIMMER SW		
H21	12AWG	DK Blue	DIMMER SW		
H22	16AWG	White	BRAKE LIGHT		
H23	16AWG	Yellow	L/TURN		
H24	16AWG	Green	R/TURN		
H16	16AWG	Lgt Green	R/PARK LIGHTS		
H29	16AWG	DK Blue	H/BEAM IND		
D10	12AWG	Blue	HEADLIGHT/PWR		

**STEERING CHECKLIST**



No.	Spec.	Color	ACC 1	REC/INT	NOT USED
A2	16AWG	Blk/Red	ACC 1		
A3	16AWG	Pnk	CRUISE		
A4	16AWG	Orange	HEATER		
A5	12AWG	Orange	WIPER		
A6	14AWG	Yellow	WIPER		
A7	14AWG	Orange	RAIO BATT		
A8	16AWG	Orange/Ylk	CO/LIGHTER		
A9	16AWG	Red	UNERR DASH IF		
A10	16AWG	Green/Red	KEYLESS		
A11	16AWG	Orange/Red	STARTED DOORS		
D4	12AWG	Pnk	PWR WASHSW		
D5	12AWG	Orange	PWR SEATS		
D6	16AWG	Orange	RAIO ACC		
D7	16AWG	Orange	BRAKE SW PWR		
D9	16AWG	Grey	12V HORN		
H1	16AWG	Grey	DASH LIGHTS		
H3	16AWG	White	TACH		
H4	16AWG	Green	TRPV		
H6	16AWG	Blk/Wht	R/TURN		
H7	16AWG	Blue	L/TURN		
H8	16AWG	Blk	LO BEAM		
H13	16AWG	Blue	L/TURN IND		
H14	16AWG	White	BRAKE SWITCH		
H15	16AWG	White	R/TURN IND		
H18	16AWG	DK Blue	DIMMER SW		
H20	16AWG	DK Blue	FUEL GAUGE		
H21	12AWG	DK Blue	DIMMER SWITCH		
H28	16AWG	Blue	OL		

**DASH SECTION**

No.	Spec.	Color	DOOR LIGHT PWR	REC/INT	NOT USED
A8	16AWG	Orange	DOOR LIGHT PWR		
D3	16AWG	Brown/White	FUEL PUMP		
H9	16AWG	Lgt Green	F/PARK LIGHTS		
H10	16AWG	Brown	REV/LIGHT		
H12	16AWG	Blk	FUEL GAUGE		
H22	16AWG	White	BRAKE LIGHT		
H23	16AWG	Yellow	L/TURN		
H24	16AWG	Green	R/TURN		

**REAR SECTION**

No.	Spec.	Color	HORN/FLASHER	HAZ/ARB
D8	16AWG	V		
H35	16AWG	Br		
H36	16AWG	V		

