

















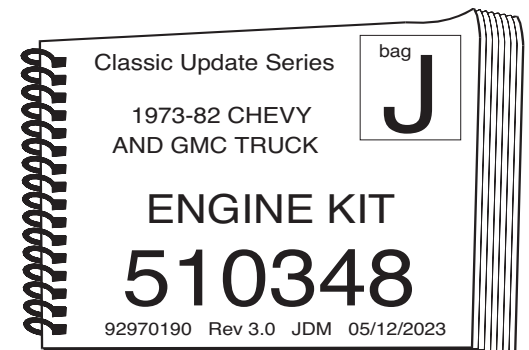
Classic Update Series

C		Use these sheets along with the included terminals and connectors to make connections to the engine components.		
D		Engine Wires - Route these wires as shown on page 2. Wire descriptions are listed below:		
		Wire Color:	Printing:	Function:
		RED	12V Battery	Main battery feed from the 510476 Mega-fuse assembly to the fuse panel.
E		PINK	Ignition Feed	Power feed from ignition switch to the ignition coil.
		PURPLE	Starter Solenoid - S	Power feed from ignition switch to the starter solenoid.
F		DARK BLUE	Oil Pressure Sender	Signal wire from oil pressure sending unit/switch for gauge/warning light.
		DARK GREEN	Water Temp Sender	Signal wire from water temp sending unit/switch for gauge/warning light.
G		Wiper Wires - Refer to page 3 for 1973-1977, or page 4 for 1978-1982 applications. Wire descriptions are below:		
		WHITE	Wiper Feed	Fused ignition feed to power wiper motor and washer pump.
H		BLACK	Wiper - Lo Speed	Ground signal from wiper switch to operate motor for low speed.
		LIGHT BLUE	Wiper - Hi Speed	Ground signal from wiper switch to operate motor for high speed.
		DARK BLUE	Wiper - Washer	Ground signal from wiper switch to operate washer pump.
J		Loose Wires - Insert these wires (as needed) into the bulkhead connector as shown on their respective pages:		
K		TAN	Electric Choke	Page 2 - Fused ignition source for use with electric choke (if applicable).
		WHITE	Coil --> Tach	Page 2 - Signal wire from negative post (-) or TACH output on coil to tachometer.
M		BROWN	Alternator Ign	Page 2 - Exciter wire for alternator. This wire also provides feedback to battery lamp on warning lights applications. Note: This wire is not needed for a 1-wire alternator.
N		YELLOW	Starter Solenoid - R	Page 2 - Resistance by-pass wire for vehicles equipped with POINTS style ignition.
		LT BLUE / BLACK	No Printing	Page 4 - Wiper "park" wire for 1978-1982 applications only.
O		Vehicle Speed Sensor Wires - Used only with aftermarket speedometer:		
		YELLOW	VSS Ground	See page 5.
		PURPLE	VSS Signal	See page 5.
P		PURPLE / WHITE	VSS Power	See page 5.
R				
S				
T				
U				



**American
Autowire**

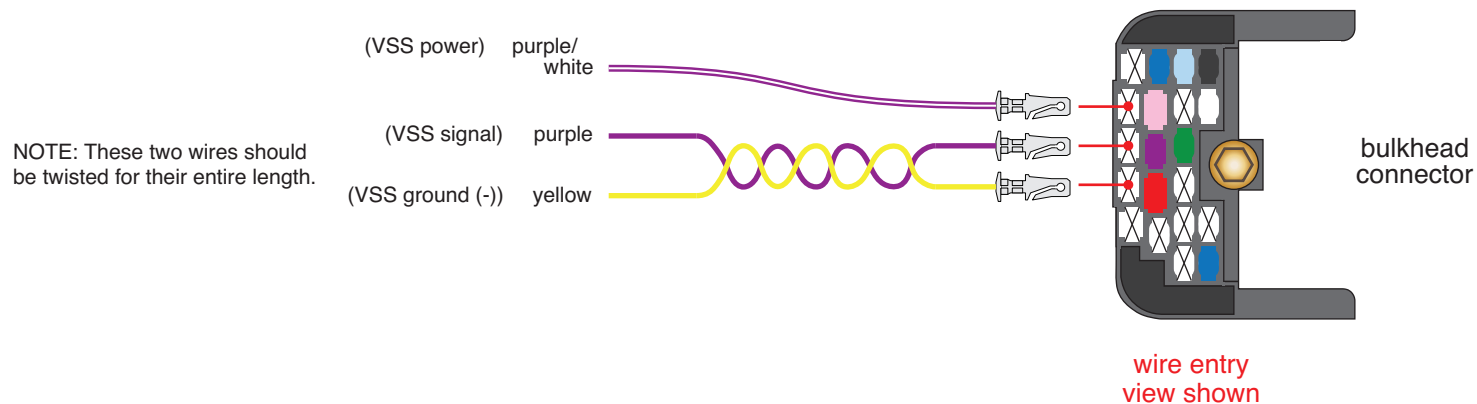
www.americanautowire.com 856-933-0801



TYPICAL VEHICLE SPEED SENSOR CONNECTIONS

Below are some general instructions for hooking up a Vehicle Speed Sensor for an electric speedometer. These instructions will ONLY be used in the event that you are utilizing an aftermarket electric speedometer. If your truck does NOT have an electric speedometer, this connection will NOT be used and you will not need to plug these wires into the bulkhead. It is best to consult the speedometer manufacturer's instructions if you have any questions.

- | | | |
|------------------|------------|--|
| Yellow | VSS Ground | Plug into bulkhead in the location shown below, route to VSS, cut to length and connect to VSS neg. "--". |
| Purple | VSS Signal | Plug into bulkhead in the location shown below, route to VSS, cut to length and connect to VSS input. |
| Purple/
White | VSS Power | Plug into bulkhead in the location shown below, route to VSS, cut to length and connect to 12V power on VSS. |



This page intentionally left blank



(MEGA FUSES, RING TERMINALS, SHRINK TUBING, AND BOOT FOUND IN 510476 KIT)

10 GA. RED (12 V BATTERY)
(FROM 510348 KIT)

6 GA. RED
(FROM 510476 KIT)

6 GA. RED

(BUSSBAR JUMPER FROM 510476 KIT)

(Positive battery cable, not supplied)

starter solenoid

optional connection for points cars

yellow

to coil + side

ballast resistor
(resistor not included -only used on selected ignition systems)

Points Ignition Coil

purple

Oil Pressure Sender/Switch

Temp Sender/Switch

Points distributor

OR

HEI distributor

to BAT location on coil

to TACH location on coil

J

D

white

pink

H

E

pink

F

or

T

E

K

F

E

See pages 3 and 4 for wiper connections

dk green

dk blue

See page 5 for electric speedometer connections

bulkhead connector

wire entry view shown

apply silicone sealant after installing terminals

electric choke

white

brown

red

E

ALTERNATOR BOOT (FROM 510476 KIT)

BAT

Delco-Remy made in USA

SI series alternator

tan



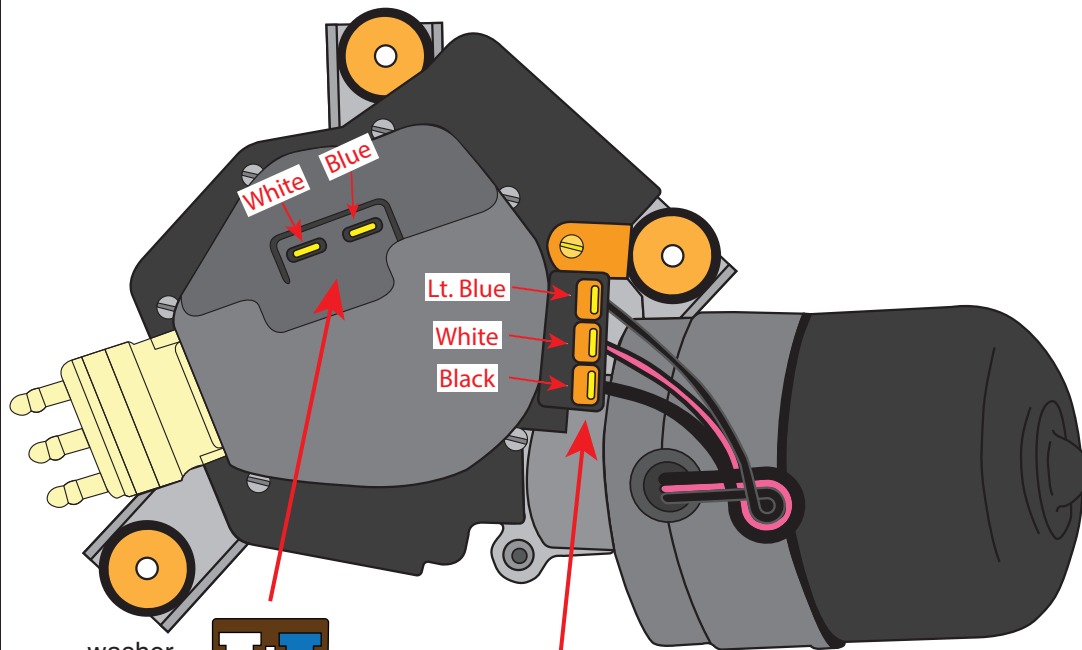
American Autowire

1973 - 82 Chevy and GMC Truck Engine Kit
510348

www.americanautowire.com 856-933-0801

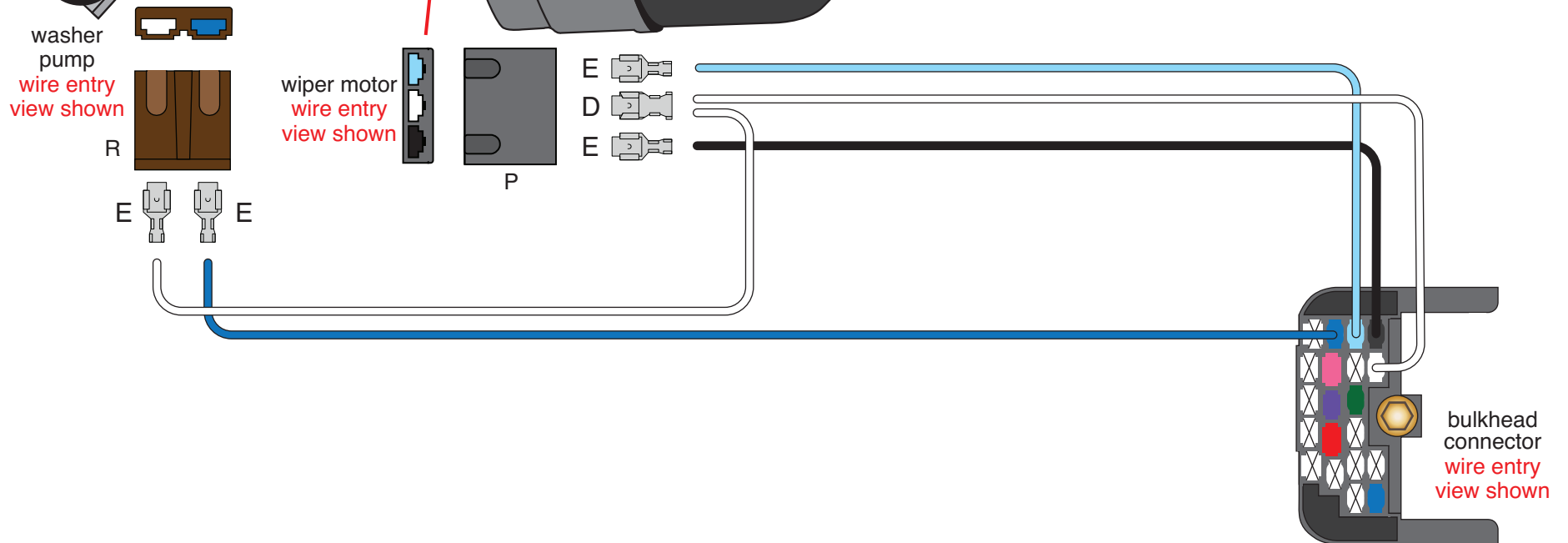
92970190 Rev 3.0 JDM 05/12/2023

USE THIS PAGE FOR 1973-1977 WIPER MOTOR CONNECTIONS

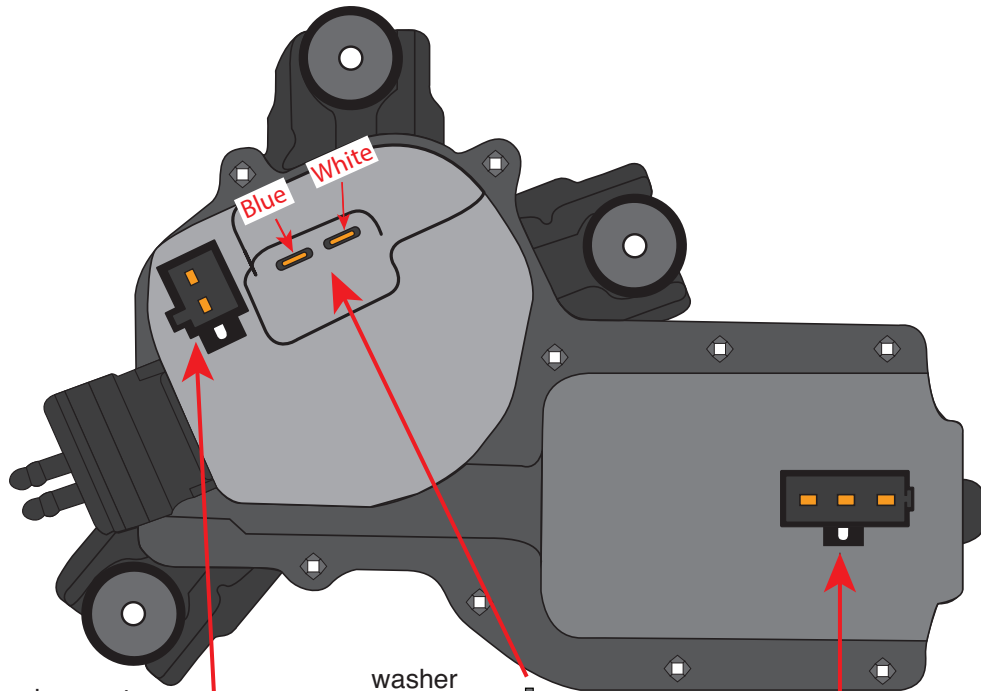


WIPER WIRES

BLACK	LO SPEED	Route this wire to the wiper motor, cut to length, and install terminal E, insert into connector P in the slot shown below.
WHITE	WIPER FEED	Route this wire to the wiper motor, cut to length, double with cut off portion into terminal D, and insert into connector P in the slot shown below. Route the other end of the cut off portion to the washer pump and cut to length, install terminal E and insert into connector R in the slot shown.
LT BLUE	HI SPEED	Route this wire to the wiper motor, cut to length, and install terminal E, insert into connector P in the slot shown below.
DK BLUE	WASHER	Route this wire to the washer pump, cut to length, and install terminal E, insert into connector R in the slot shown below.



USE THIS PAGE FOR 1978-1982 WIPER MOTOR CONNECTIONS



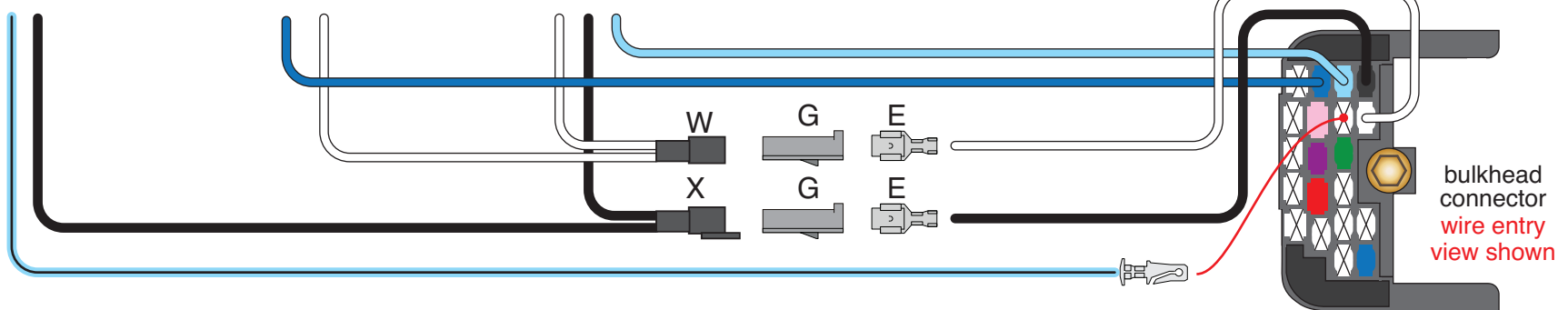
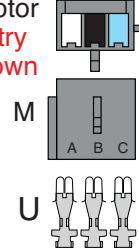
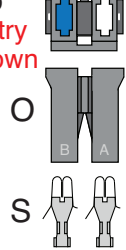
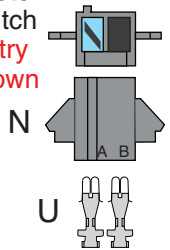
WIPER WIRES

BLACK	LO SPEED	Take the included wiper power pigtail X and insert the end terminals into connectors M and N as shown below. Route the black LO SPEED ground wire from the bulkhead to the pigtail X, cut to length, install terminal E and insert connector G. Connect to pigtail X.
WHITE	WIPER FEED	Take the included wiper power pigtail W and insert the end terminals into connectors M and O as shown below. Route the white wiper power wire from the bulkhead to the pigtail W, cut to length, install terminal E and insert connector G. Connect to pigtail W.
LT BLUE	HI SPEED	Route this wire to the wiper motor, cut to length, and install terminal U, insert into connector M in the slot shown below.
DK BLUE	WASHER	Route this wire to the washer pump, cut to length, and install terminal S, insert into connector O in the slot shown below.
BLACK/LT BLUE	WIPER PARK	Plug this wire into the slot shown below in the main bulkhead. Route to the wiper motor park switch, cut to length, and install terminal U, insert into connector N in the slot shown below.

wiper motor park switch wire entry view shown

washer pump wire entry view shown

wiper motor wire entry view shown



bulkhead connector wire entry view shown



American Autowire

www.americanautowire.com 856-933-0801

1973 - 82 Chevy and GMC Truck Engine Kit
510348

92970190 Rev 3.0 JDM 05/12/2023