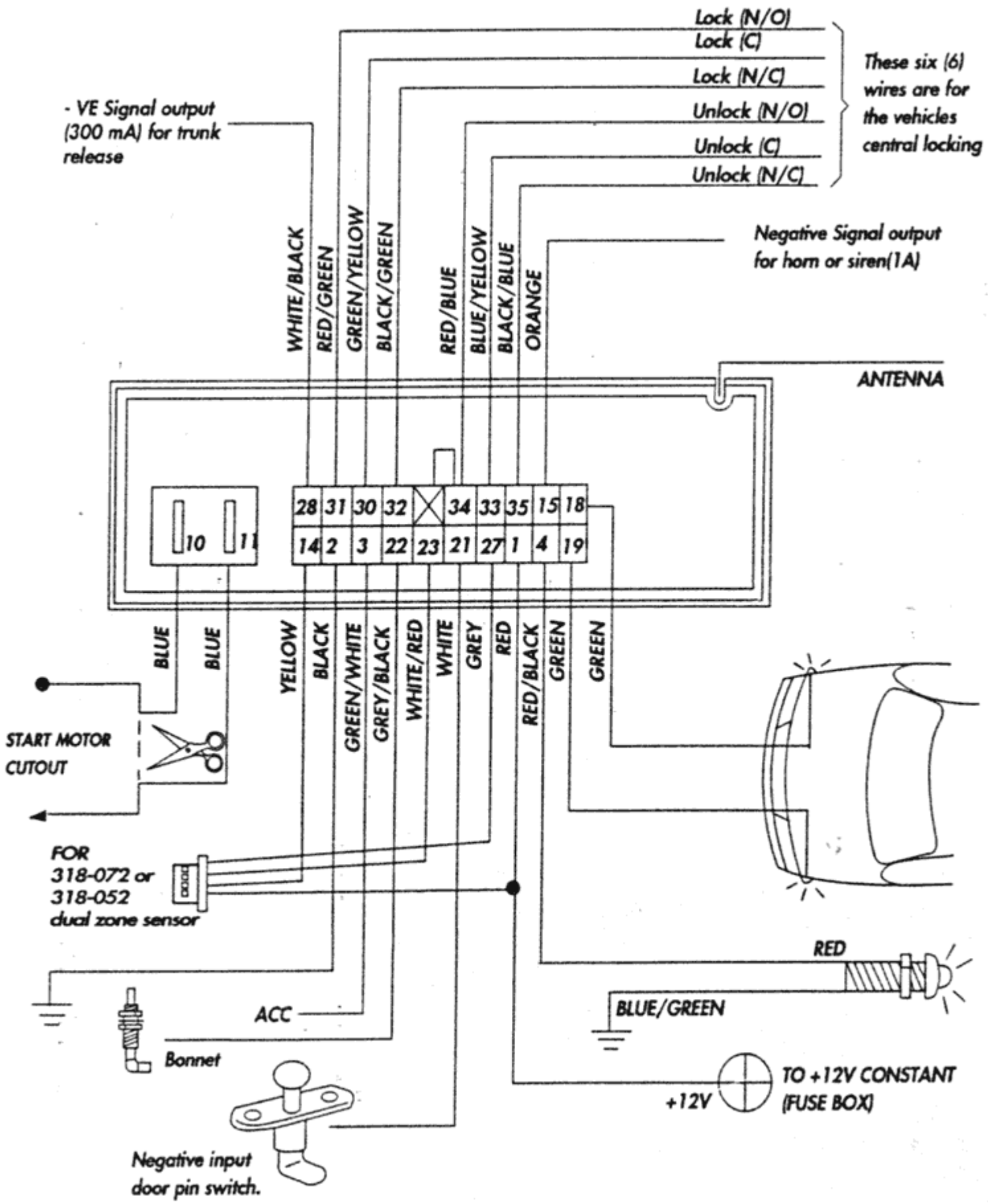


# VISION VAE 318-1800 Installation manual

## WIRING DIAGRAM



WIRING DESCRIPTION

Wire No.	Color	Description
1	Red	Connect to + 12V constant ( 15A fuse)
2	Black	Connect to ground
3	Green/White	Connect to ACC of ignition key switch + 12V, 9V (min.)
4	Red/Black	+VE output connect to LED NO. 4 wire
15	Orange	-VE output (1A) for siren or horn
18,19	Green	With 7.5A X 2 fuse output connect to indicator
21	White	Negative/or close loop door pin switch (see programmable feature) -Ve 6.0V (max.)
22	Grey/Black	-VE signal input connect to bonnet, -Ve 0.7V (max.)
23	White/Red	-VE trigger input connect to optional detector, -Ve 0.7V (max.)
28	White/Black	-VE signal output (300mA) for trunk release
30	Green/Yellow	#30 to #35, these 6 wires are interface to existing central door locking from manually to remote activate when you arm & disarm (15A lock/unlock output). To submit many different existing central floor locking , please refer to the wiring diagram
31	Red/Green	
32	Black/Green	
33	Blue/Yellow	
34	Red/Blue	
35	Black/Blue	
10,11	Blue	Connect to start motor cut out
4pin connector Connect to 318-072 or 318-052 dual zone sensor		

HOW TO IDENTIFY THE TYPE OF C.D.L SYSTEM IN YOUR VEHICLES AND INSTALL INSTRUCTION

1. Remove the driver's master door lock switch assembly from the driver's door panel. You may have to remove the driver's door panel. In some can this switch is on the center console.
- NOTE:** DO NOT DISCONNECT THE WIRES FROM THIS SWITCH.
2. Examine the wires coming out of the switch assembly. You should find one of the following type systems by checking the functions of each wire with using a test light or volt/ohm test meter.
- A) 3-WIRE GROUNDING TYPE SYSTEM:**
- One wire is grounded all the time.  
One wire is grounded only when switch is moved to the lock position.  
One wire is grounded only when switch is moved to the unlock position.
- B) 3-WIRE + 12 VOLT TYPE SYSTEM:**
- One wire has + 12 volts all the time.  
One wire has + 12 volts only when switch is moved to the lock position

One wire has + 12 volts only when switch is moved to unlock position.

**C) 4-WIRE + 12V VOLT TYPE SYSTEM:**

One wire has + 12 volts all the time.

One wire is grounded all the time.

One wire has + 12 volts only when switch is moved to lock position.

One wire has + 12 volts only when switch a moved to unlock position.

**D) 5-WIRE REVERSE POLARITY TYPE SYSTEM:**

One wire has +12 volts all the time.

Two wires are grounded all the time.

One wire is grounded normally but will switch to + 12 volts when switch is moved to the lock position.

One wire is grounded normally but will switch to + 12 volts when switch is moved to the unlock position.

**E) SPECIAL DOOR LOCKING SYSTEMS WITH VAE-316-12 MOTOR:**

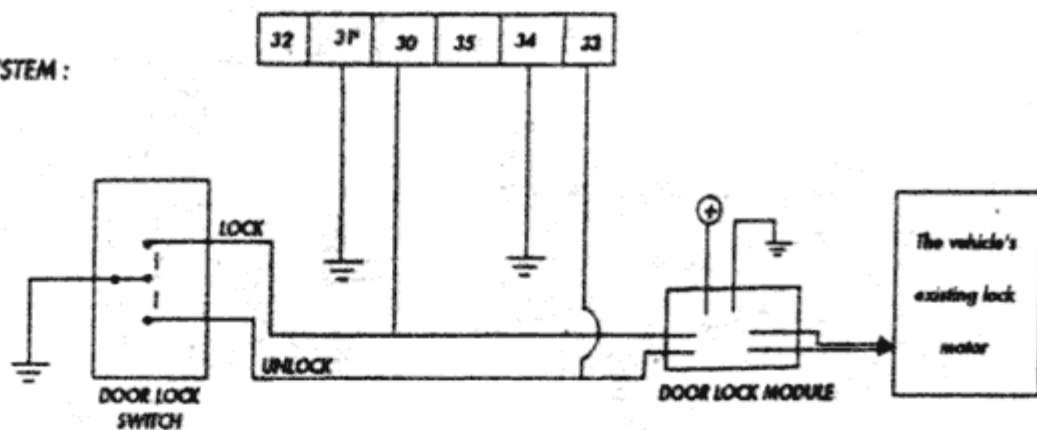
If the driver's door key unlocks & locks. All the doors and when the key is used to lock or unlock the passenger's door the driver's door remains unchanged then you need to install model VAE-316-12 motor to the driver's door.

**F) VACUUM DOOR LOCK SYSTEMS:**

If when you lock or unlock the doors you see or hear each door locking one after the other (not all at the same time) then you should have a vacuum system.

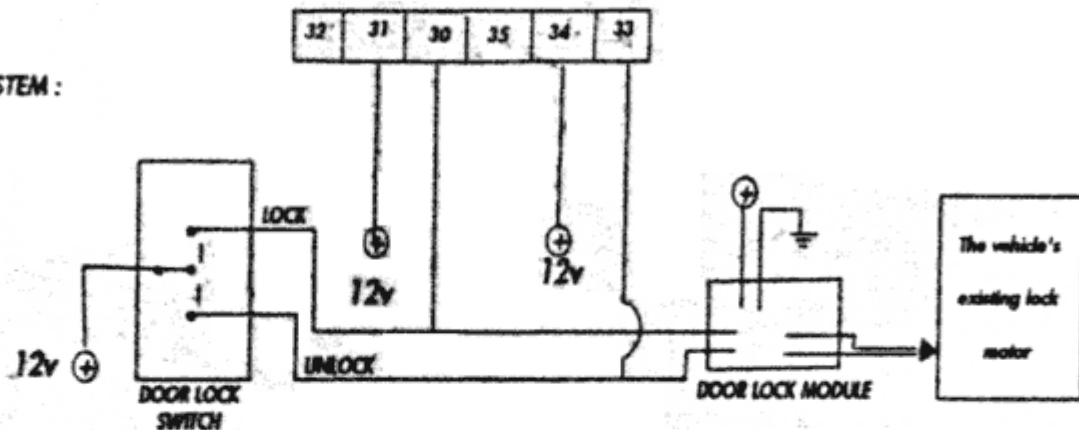
### (SYSTEM A)

3-WIRE GROUNDING TYPE SYSTEM :



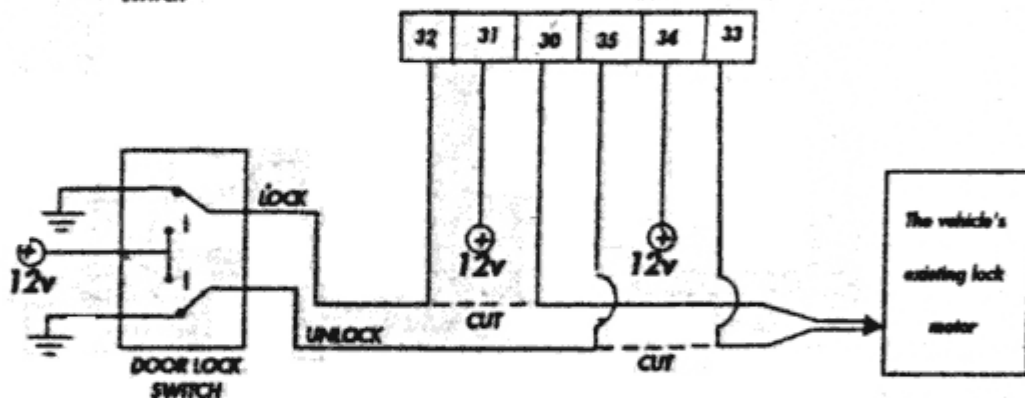
### (SYSTEM B)

3-WIRE +12V VOLT TYPE SYSTEM :



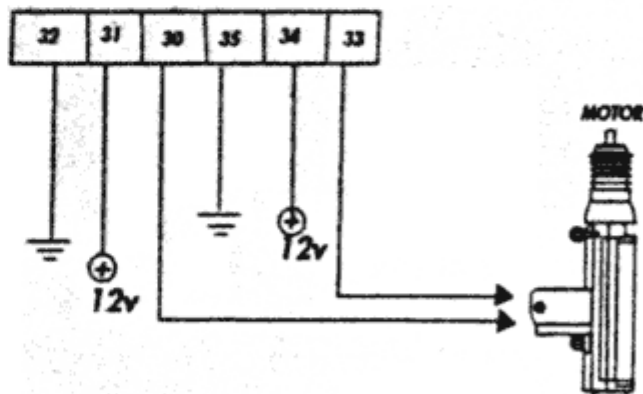
### (SYSTEM C OR D)

5-WIRE REVERSE POLARITY  
TYPE SYSTEM:



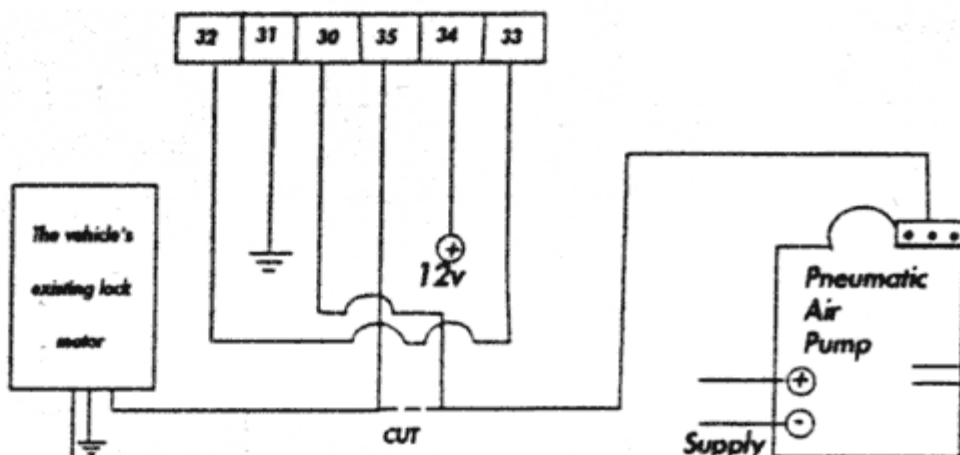
### (SYSTEM E)

SPECIAL DOOR LOCKING SYSTEMS  
WITH 316-12 MOTOR:



### (SYSTEM F)

VACUUM DOOR LOCK SYSTEMS :



SELECTABLE FEATURE

The system provides software selectable feature to match your requirements.

Software Selectable Features

The system has several selectable features which are listed in TABLE A. To program these features, please refer TABLE B.

TABLE A

Turn ignition of times	Selectable Feature	Pre-set
5	Over-ride ON/OFF	OFF
6	Arm/Disarm Chirp ON/OFF	ON
8	Last door auto arm ON/OFF	OFF
9	Horn/Siren	Siren
10	Rearm ON/OFF	ON
11	C.D.L pulse 0.5 sec./ 5.0 sec.	0.5 sec.
12	Door trigger -Ve/+Ve	-Ve
15	Auto arming option ACC/Full alarm	ACC
17	Exterior illumination ON/OFF	OFF
20	Programming transmitter	

TABLE B

What function you want to do	What you need to do	Response
Programming features (If any features of Table A want to be changed)	Disarm the system	Same response as active disarm
	Turn the ignition key OFF-ACC-OFF the required number of times within 20 seconds (Please refer to Table A) then press CH-1	Indicator will flash the same number of turning to confirm the selection has been changed

EMERGENCY AND SERVICING

A) Master over-ride

The System provides Master Over-ride function for user to be able to temporarily turn off the alarm when vehicle is being serviced. This is only available to remote Central Door Locking and trunk release.

You may enter master over-ride by "Selectable feature" process, please refer to "Selectable feature" chart.

B) Programming Transmitter

The following reasons are you may program transmitter:

- a. When you purchase new transmitter
- b. Reprogramming authorized transmitter

What function you want to do	What you need to do	Response
Programming new transmitter	Disarm the system	Same response as active disarm
	Turn the ignition key OFF-ACC-OFF 20 times	Indicator flashes 20 times to confirm enter transmitter programming mode
	Press each pre-programming transmitter CH-1 once, within 10 sec.	<ul style="list-style-type: none"><li>Siren one chirp</li><li>Indicator flash once to confirm each transmitter has been programmed</li></ul>
	Turn ignition to ACC position, or 10 seconds are elapsed.	The system will go back disarm

### **C) Emergency Reset**

In the event that the transmitter are lost, me system can be reset by using the key switch. Open me doors turn the ignition form OFF to ACC 10 times within 15 seconds, the system will emit three chirps and the indicators wit flash thress times to confirm the system has rest.