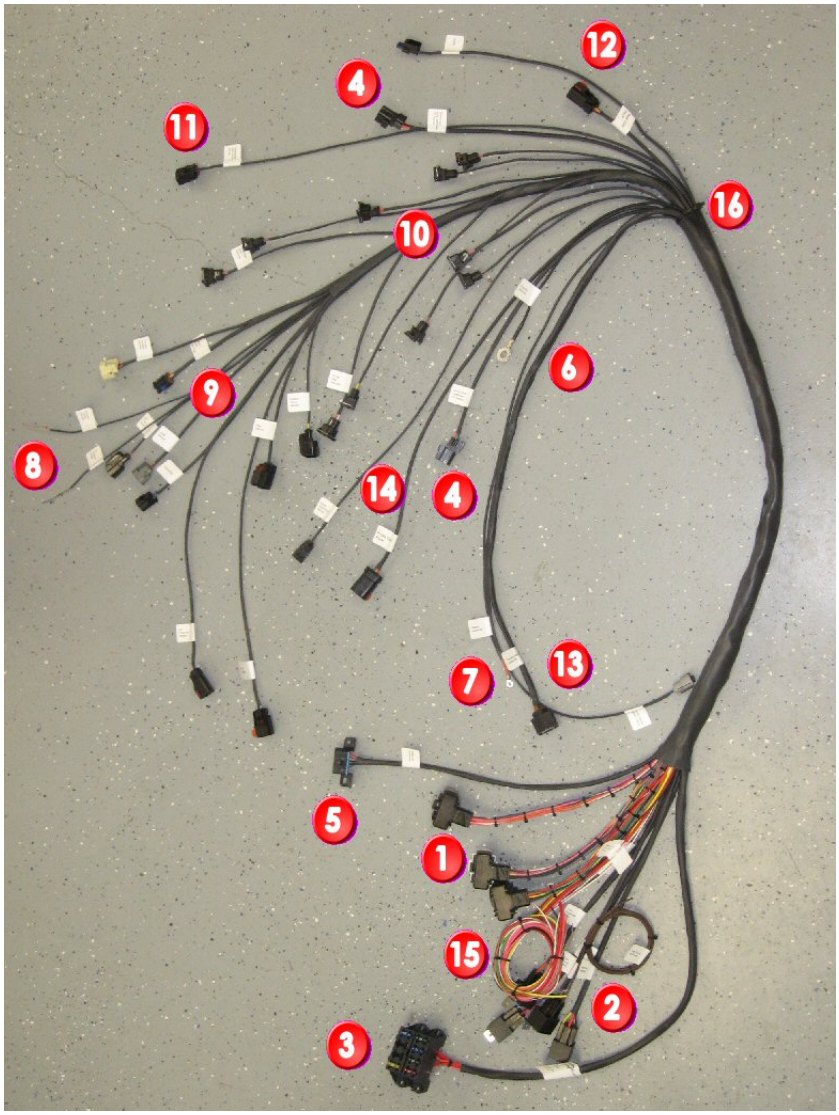
INSTALLATION INSTRUCTIONS

1996 & UP
DODGE VIPER

HOT-ROD STYLE


12
4
11
16
10
6
9
8
14
4
13
7
5
1
15
2
3

Our hotrod style harness is designed for the computer, fuse block and relays to be installed inside the vehicle under the dash. The engine and transmission connectors should be pushed out through a 2" hole in the firewall to wrap up and around the engine block. The hole in the firewall should be near the back of the intake manifold down behind the engine. It is best to start with the larger plugs first.

The beginning of the main trunk line (item #16) should be positioned directly behind and slightly below the intake manifold when installed. The branch that contains the injectors, map, engine temp, etc. should be run underneath the intake manifold with the injectors coming out at each location and the main sensor cluster coming out at the front of the block. Zip-tie the branch to any available mounting point so that all connectors plug in with no strain on the plugs.

Accessory items and items on the front of the engine block should hang over the front and be close to the correct sensors. Items on the sides of the block will fall down behind the heads and up under the exhaust manifolds. Transmission and O2 sensors will curve down and back on either side of the transmission.

Below is a list of all items marked on the photo:

1. **Computer Connectors** – 3 connectors are keyed so they must be inserted in the correct computer plug.

2. **Relays**
    a. **Auto Shutdown Relay** – Power to injectors and coils.
    b. **Fuel Pump Relay** – Power to fuel pump.
        i. **Fuel Pump Hot Feed** – Connect to hot side of fuel pump.
    c. **Starter Relay** – Power to starter solenoid.
    d. **Transmission Relay** – Power to transmission. (automatic transmission)

3. **Fuse Block** – See attached diagram. Will not have backup lamp, brake light switch or transmission relay for manual shift transmission.

4. **O2 Sensors** – Both before and after catalytic converter O2's may be present. Can eliminate the after cat, sensor if you are not running a converter.

5. **Data Link Connector** – Mount under dash for scanning with a scan-tool.

6. **Engine Ground** – Use transmission bell-housing bolt at back of engine block.

7. **Starter Solenoid** – On top of starter, activated by the starter relay to engage the starter.

8. **Engine Temp and Oil Pressure Gauge Wires** – See the Open wires listed below.

9. **Engine Temp Sensor** – Front top left of engine block.
    Oil Pressure Sensor – Front bottom left of block directly above oil filter.
    Throttle Position Sensor – Front of intake manifold, side of Throttle Body.
    Idle Air Motor – Front of intake manifold on side of Throttle Body.
    Cam Sensor – Front of engine block below intake manifold.
    Map Sensor – Front top left of intake manifold behind the Throttle Body.
    Intake Air Temp Sensor – In charge air tube in front of Throttle Body.
    Generator – Accessory on front of block on the right side.
    A/C Compressor – Accessory on front of block on the left side.

10. **Injectors** – Run down the fuel rails on either side of the intake manifold.

11. **Passenger Knock Sensor** – Right side of engine block.

12. **Rear Coil** – Rear of block directly under intake manifold.
    Crank Sensor – Rear of engine block on right side.

13. **Transmission Solenoid** – Midway down the left side of the transmission.
    Trans Range Sensor – Midway down the left side of the transmission.
    Output Speed Sensor – Left side of transmission behind Transmission Solenoid.
    Vehicle Speed Sensor – On tail shaft of transmission or transfer case.

14. **Front Coil** – Front of block directly under intake manifold.
    Driver Knock Sensor – Left side of engine block.

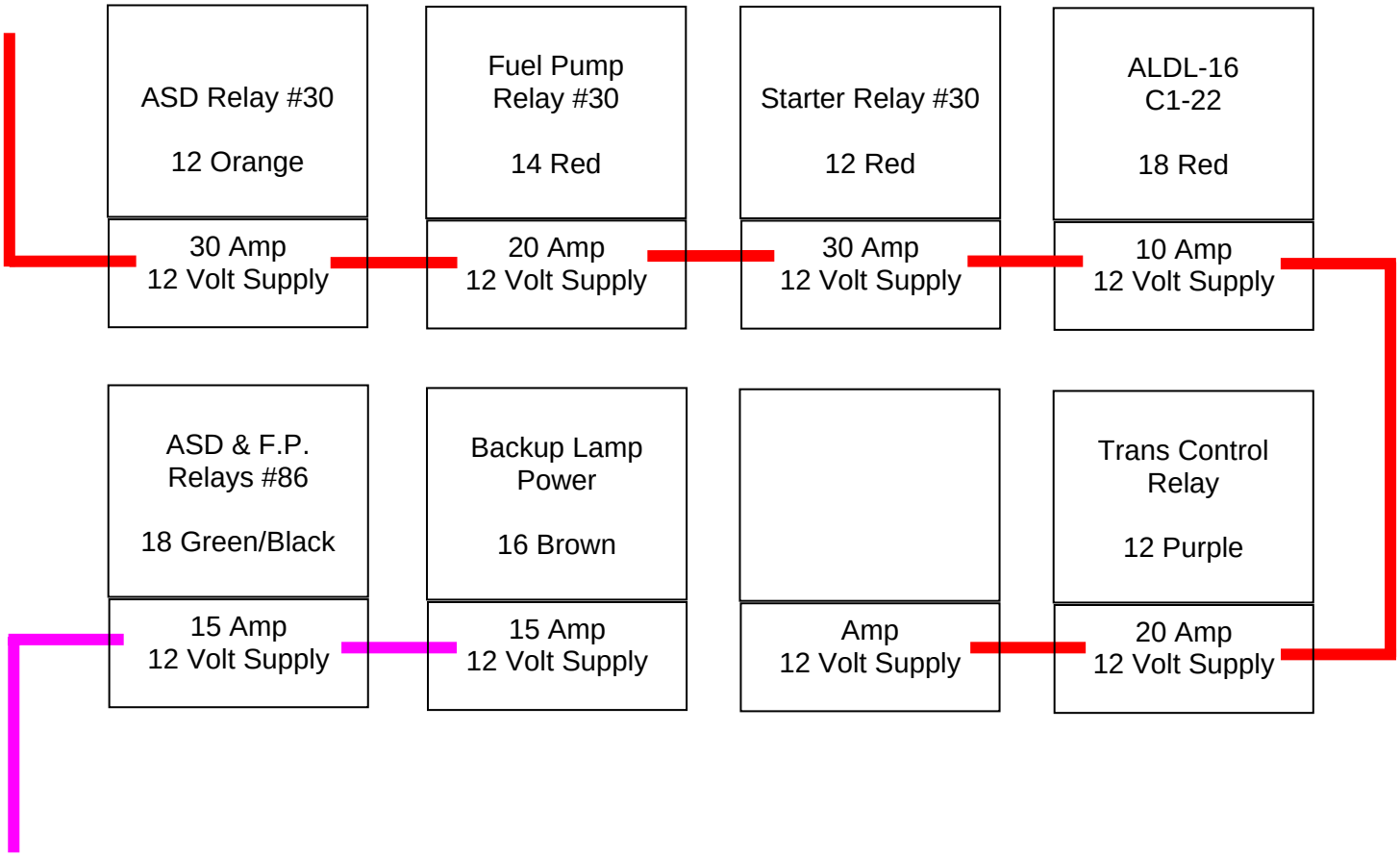
15. **Open Wires** (wires vary by harness options)
    a. **Red** – 12 Volt Hot at all times. (direct to battery)
    b. **Pink** – 12 Volt Run and start. (ignition key on position)
    c. **Yellow** – Ignition start. (ignition key crank position only)
    d. **Brown** – Fuel Pump Hot Feed to power fuel pump.
    e. **Purple** – Backup lamp output to rear backup lamps.
    f. **Orange** – Overdrive off Switch to momentary ground. (not required unless wanted)
    g. **Blue/White** – A/C compressor clutch. (12 volts to activate compressor)
    h. **White** – Vehicle speed signal output to speedometer
    i. **Black** – Clutch safety ground. (manual trans)
    j. **Gray/Black** – Oil Pressure to gauge from your sending unit.
    k. **Tan/Black** – Engine Temp to gauge from your sending unit.
    l. **White/Black** – Brake Switch signal (Chrysler type switch, ground side)
    m. **Light Green/Orange** – Check Engine Light.

DODGE VIPER AUTOMATIC

FUSE BLOCK

**** Manual systems do not have Trans fuses or Brake light fuses.**

Battery Feed



Ignition (Run & Start)

WARRANTY DISCLAIMER

No Warranties of any nature (expressed, implied, fitness of usage or merchantability) are given on these products. Seller undertakes no responsibility for any product sold. Additional disclaimers are within and are binding upon this contract. Due to the intended usage of products offered, all products are sold on an “as-is” basis, and no warranties of any kind, whether written or oral are made by Squier Inc., its agents or employees. All implied warranties, including the implied warranties of merchantability and fitness are expressly excluded, and the buyer bears the entire risk as to quality performance and use of these products. Squier Inc. will assume no responsibility of personal injury, labor or other injury arising out of the usage of our products. Any defective part will be handled between the original manufacturer and the buyer. Squier Inc. reserves the right to change specifications, prices and discontinue parts without notice. Installation of Squier Inc. harnesses may adversely affect the vehicle manufacturer’s warranties, and may violate State and Federal laws when vehicles so equipped are operated other than strictly off-highway. Squier Inc. reserves the right to discontinue any product at its sole discretion and without any liability with respect to similar products already in the field. Some parts are not legal for sale or use on pollution controlled motor vehicles.

DISCLAIMER

Hotwireauto.com is a trademark of Squier Inc. All other company names and product names are trademarks of their respective holders and are included for identification and descriptive purposes only. Use of other company names and product names is in no way meant to imply that we are sponsored or endorsed by those companies.

IMPORTANT NOTICE

This material has been completed using our best efforts. We assume no liability for errors contained herein. Our website is updated on a regular basis and can be used to supplement the information contained herein. It is the responsibility of the installer to ensure that all of the products are correct before installation. Proper assembly always requires that the installer use all instructions and safety procedures. We assume no liability for any errors made in product selection or installation.

Squier Inc.
256 Polk Road 43, Mena, AR 71953

www.hotwireauto.com
479-243-9115

THANK YOU FOR BUYING OUR PRODUCTS, WE PROVIDE FULL TECHNICAL SUPPORT