Neon Cluster Module
- INSTALLATION INSTRUCTIONS -
For use with Dodge Neon model years 2000-2005 and Simco Part #: 2039-7XX

Revised: Sept. 16, 2008 Rev. A

Please read and understand all instructions before attempting installation.

Please pay attention to all *Cautions* and *Notes* within these instructions.

Simco, Ltd is not responsible for damage or calibration to your original Instrument Cluster.

Thank you,

Simco, Ltd.

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Read All Instructions and Review Figures Carefully Before Proceeding with Installation

Kit Includes:

Description	Qty
Simco Neon Cluster Module	1
T-15 Torx Bit	1
T-8 Torx Bit	1
Installation Instructions	1
Simco Stickers	2

Installation Procedures

Tools required: Philip Head Screw Driver, Driver for T-15 & T-8 Torx Bits, Pliers,

Caution: *The Instrument Cluster contains sensitive electronic components. Great care should be taken when working around or handling electronic components. Avoid touching components on a circuit board directly. Static shock could damage these components. Avoid working in areas that can create excessive static shock such as carpeted rooms.*

1. First disconnect the Negative (-) Battery Terminal and apply the Emergency Brake.

2. Remove the original instrument cluster from the vehicle by the following steps:
   A. Tilt the steering wheel down to its lowest position.
   B. Remove the 2 Philip Head Screws that are located at each end of the top dashboard (See figure 1). Also remove the 2 Philip Head Screws that are located in the center vents. The top dashboard is now only held in place by multiple spring clips.
   C. Remove the dash trim that is above the steering column by pulling outward while also lifting the top dashboard off of this trim piece (See figure 2).
   D. Remove the 4 Philip Head Screws from the top and bottom of the instrument panel that hold it in place. You will need to again lift up the top dashboard to expose the top two screws and pull down on the lower dash panel that is around the steering column to expose the bottom 2 screws.
   E. Finally remove the Cluster from the vehicle.

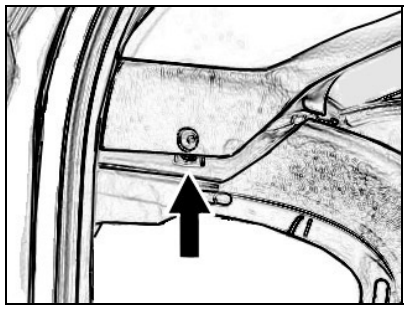

Figure 1

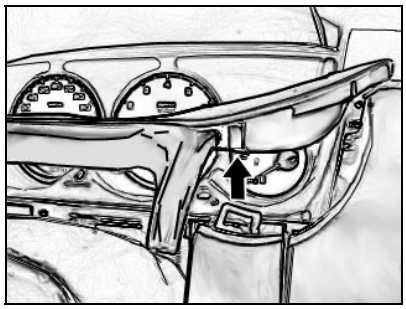

Figure 2

3. Place the original cluster along with the New Simco Cluster Module on a clean work surface.

4. Remove the 6 Torx T15 screws from the front of the OEM instrument cluster and remove the OEM bezel lens assembly (See figure 3). Set the Bezel Lens and the 6 Torx screws aside for later use.

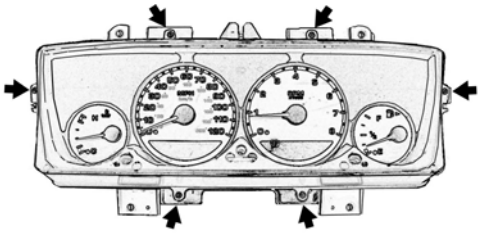

Figure 3

5. Carefully remove the OEM graphic & gauge assembly by pulling it evenly away from the circuit board & housing assembly (See figure 4). Disconnect the Odometer display before completely removing the gauge assembly (See figure 5).

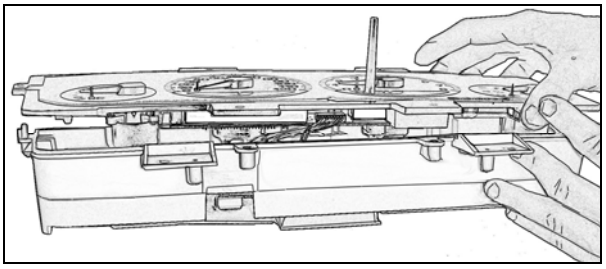

Figure 4

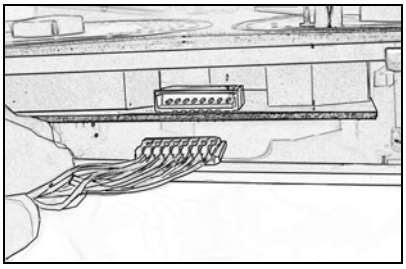

Figure 5

6. Remove the Odometer Display from the rear of the OEM graphic and gauge assembly by removing the 2 Torx T-8 screws (See figure 5). Then install the Odometer Display onto the rear of the New Simco Module in the same orientation reusing the 2 original Torx T-8 Screws.

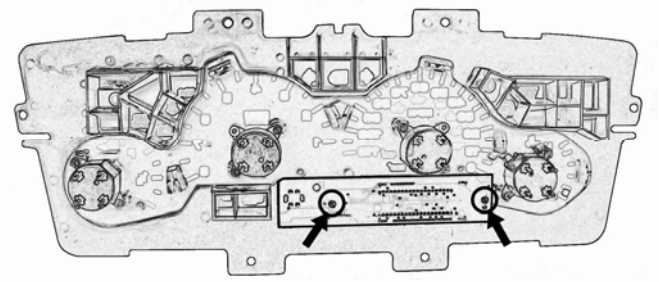

Figure 6

7. Remove the 6 illumination lamps that are marked in the figure below from the rear of circuit board by turning the lamps ¼ turn counter-clockwise. Pliers will help with the removal (See figure 7).

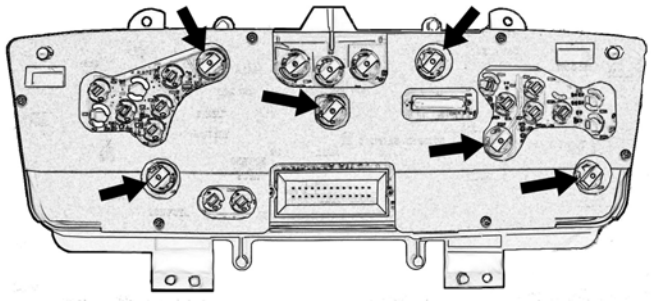

Figure 7

8. Carefully install the New Simco Cluster Module into the circuit board & housing assembly by the following steps:
   A. Remove the Lamp Socket Connector pigtail from the Lighting Power Connector by releasing the latch (See figure 8).
   B. Feed the Lighting Power Connector thru the center illumination lamp hole in the circuit board and then reconnect the Lamp Socket Connector pigtail back to it (See figure 9).
   C. Reconnect the Odometer display (See Figure 5 Above).

D. Now carefully align the Gauge Pins that are on the back of the New Simco Cluster Module with the holes in the circuit board and press the New Simco Cluster Module into the circuit board & housing assembly until the Module is flush with the Housing.

Caution: Damage to the new module may occur if the Gauge Pins on the rear of the module are not correctly aligned with the circuit board.

Caution: Be careful not to pinch the Lamp Socket Connector Wires or the Odometer Display Wires when installing.

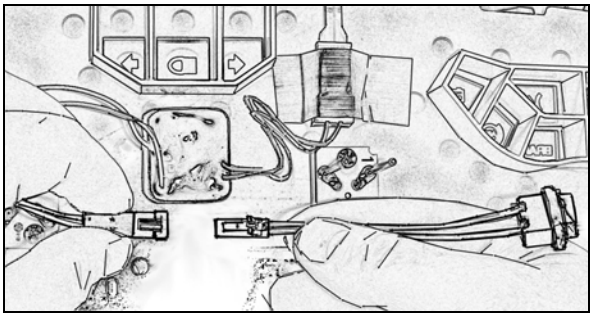

Figure 8

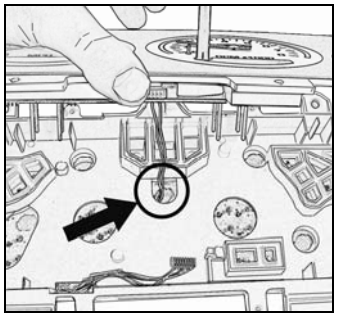

Figure 9

9. Once the New Instrument Cluster Module has been properly placed into the circuit board and housing assembly, the original Bezel Lens Assembly can be installed over it and securely fastened by using the 6 original Torx T-15 screws.

   Note: Be sure to remove any dust or debris from the cluster face before installing the bezel lens. A soft burst of dry air or a soft dry lint-free cloth can assist with this. A soft lint-free cloth and plastic safe window cleaner is recommended for cleaning the clear plastic bezel lens.

10. Install the Lamp Socket Connector into the empty illumination socket on the circuit board to the right of center on the rear of the cluster as shown in figure 10. The lamp connector **MUST** have the **Red Wire** side facing down towards the bottom of the cluster when installing.

    Note: An illumination Bulb is not needed in the Socket of the Lamp Socket Connector.

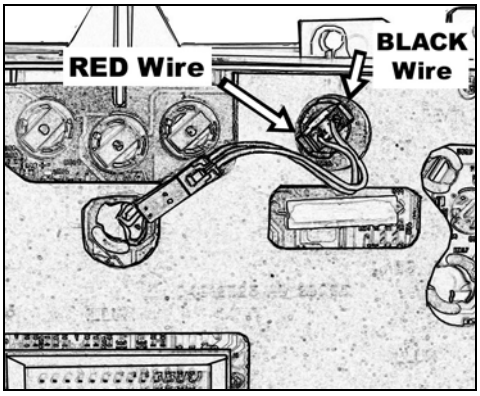

Figure 10

11. Finally, Re-install the Instrument Cluster back into dash by following Steps 2, A-E in reverse order. Then re-connect the Negative (-) Battery Terminal.