



# Training



## Dodge RAM Mechanical featuring Gas & Eco Diesel Engines

In 2009-2017 Ram (Dodge) 1500

In this class we will look at the evolution of the 4<sup>th</sup> generation Ram pickup. Engine options changed during the production of this truck and we will cover operation and diagnostics for the Pentastar V6, 5.7 Hemi and the 3.0L Eco Diesel. One option on this truck is the Four Corner Air Suspension, this class will cover detailed operation, diagnostics and repair. As Electrical and Buss systems have been updated, we will cover the operational upgrades of these important changed systems. With all new systems that are detailed, we will look at common problems and repairs that you will encounter in your service center.

### Course Outline

- Operations & Diagnostics:
  - 3.6L Pentastar V6
    - Mechanical
    - Drivability
  - 5.7L Hemi
    - Mechanical
    - Multi-Displacement System
    - Drivability
  - 3.0 EcoDiesel
    - Mechanical
    - Fuel systems
    - Drivability
- New 8 speed Transmission that has a few unique features
- Understanding Chrysler Body Electrical Systems
- Four Corner Air Suspension
  - Operation, Diagnostics and Repair of this option
- Service Issues with Engine and Electrical
  - Some Examples:
    - Mis-diagnosed no Crank on 3.6 and 5.7 engines
    - Lack of heat in Cabin or Transmission over-heating
- ESS – Engine Stop Start

## Cleveland Area

**Date:** Monday September 24<sup>th</sup> 2018

**Time:** Dinner: 5-6PM Class: 6-9PM

**Location:** Car Parts Warehouse Warrensville  
18525 Miles Road Warrensville Hts.

**Cost:** FREE to first 30 customers to register

## Akron Area

**Date:** Tuesday September 25<sup>th</sup> 2018

**Time:** Dinner: 5-6PM Class: 6-9PM

**Location:** Car Parts Warehouse Copley  
2799 Copley Road Copley Ohio

**Cost:** FREE to first 30 customers to register

REGISTER ONLINE @ [www.carpartswarehouse.net](http://www.carpartswarehouse.net)