

INSTALLATION GUIDELINES



RAM 1500 – AAE P/N ER5101 / ER5102

REPLACING RAM 1500 EPS RACK WITH AAE REMANUFACTURED UNIT

FITMENT

In 2013, the RAM 1500 switched from Hydraulic Power Steering to Electric Power Steering (EPS).

There are two different AAE part numbers for the EPS rack based on Cab and Box Size:

- **ER5101** fits Crew Cab, Quad Cab, and Std. Cab w/8' box
- **ER5102** fits Std Cab w/6'4" box

You can find specific application information at www.showmetheparts.com/crp/.

NOTES

- Disconnect and isolate the negative battery cable
- Remove original unit and install replacement per factory repair manual
- Connect the EPS module harness connectors making sure they are fully seated and the connector locks are fully engaged
- Re-connect the negative battery cable
- **Place the ignition in the "RUN" position**
- **Wait 10 seconds then rotate the ignition to OFF**
- Again turn key to the RUN position and clear DTC codes with a scan tool
- Steering Pull Drift Compensation is already cleared on AAE remanufactured racks for RAM 1500
- Perform wheel alignment
- Test drive to confirm normal operation of EPS rack

TROUBLESHOOTING

- Members of various RAM truck forums have reported that the intermediate shaft has failed while it appeared initially that the issue is with the rack. Before replacing the EPS rack always inspect the U-joint on the lower steering shaft. (Mopar part number: 55057335AC)
- Stable battery voltage is critical for proper EPS operation. Fault codes such as C2129-16 and C2129-17 may indicate problems with the Charging System, not the EPS rack.
- If the "POWER STEERING HOT" message is displayed on the instrument cluster screen, power steering assist may be removed momentarily until the EPS control module temperature returns back to normal.

For Electric Power Steering related questions contact AAE Tech Support Hotline at 1-800-654-7565 (Press 2 for EPS)

1

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