

November 4, 2005

TO: ALL DODGE AND JEEP DEALERS

FROM: J. E. HILGER

SUBJECT: RAPID RESPONSE TRANSMITTAL SERVICE ACTION #05-035
Test and Replace Battery as Necessary

INVOLVED VEHICLES: 2006 DR Ram Truck
2006 HB Durango
2006 KJ Liberty
2006 ND Dakota
2006 WK Grand Cherokee
2006 XK Commander

NOTE: The VIN List is available on DealerCONNECT for all affected dealers. The VIN List has been inserted in the Service Tab under Rapid Response Transmittals. The dealers receiving the Rapid Response Transmittal Service Action are the "Ship To" dealers and the VIN's listed are specific to their dealership.

SYMPTOM/CONDITION:

A number of vehicles have been shipped with suspect batteries.

PARTS REQUIRED:

Vehicle	Battery Group	CCA	O.E. P/N	Market	Replacement P/N
HB & ND	65	600	56029449AC	USA Canada (Wet Battery) Canada (Dry Battery) International (Dry Battery)	BA065600EX BA0065750W BA0065875D 05170758AA
		750	56029451AC	USA Canada (Wet Battery) Canada (Dry Battery) International (Dry Battery)	BA065750EX BA0065750W BA0065875D 05170758AA
DH/D1	65	600	56028450AB	USA	BA065600EX
		750	56028452AC	USA	BA065750EX
KJ - Gas	34	600	04609365AE	USA Canada (Wet Battery) International (Dry Battery)	BA034600EX BA0034600W 04364958
KJ Diesel	34 Opt	700	04868999AC	USA Canada Export	BA078770EX BA78DT770W 05093074AA

Vehicle	Battery Group	CCA	O.E. P/N	Market	Replacement P/N
WK/XK	H7	730	04608719AD	USA Canada (Wet Battery) International (Dry Battery) Europe (Wet Battery) Dubai Japan	BA94R730EX BA094R730W 05080706AA 05174047AA 05093074AA 05170018AA

SPECIAL TOOLS/EQUIPMENT REQUIRED:

ND-78-A teamPSE Fluke Digital/Analog Multimeter (or equivalent)

MT-MCR-420 teamPSE Micro420 Digital Battery Analyzer

DIAGNOSIS (All vehicles except KJ Diesel):

- 1) Is the vehicle a KJ equipped with a diesel engine?
 - a) Yes >> proceed to KJ Diesel Battery diagnosis.
 - b) No >> proceed to next step.
- 2) Turn on the headlights for 30 seconds.
- 3) Turn off the headlights.
- 4) Ensure that the Ignition Off Draw (IOD) fuse is removed.
- 5) Make sure that all vehicle loads are off and the key is in the "Off" position.

NOTE: The preferred test position is at the battery terminals. If the battery is not accessible, you may test using both the positive and negative jumper posts. Select "Testing At Jumper Post" when connecting to that location.

- 6) Connect the red clamp to the positive (+) post and the black clamp to the negative (-) post.
- 7) Choose if the battery is in or out of the vehicle using the up down arrows, press the "ENTER" key to proceed.
- 8) Choose test location at the battery post or at the jumper post, press the enter key to proceed.
- 9) Choose the proper rating system (CCA will be used most often), press the "ENTER" key to finish the battery test.
- 10) While viewing the battery test results, press the "CODE" key, the tester will prompt you for the last 4 digits of the VIN. Use the up/down keys to scroll to the correct character, press "ENTER" to select and move to the next digit. Press "ENTER" to view the SERVICE CODE. Pressing the "CODE" key a second time will return you to the battery test results.
- 11) Disconnect the clamps from the battery. Turn on the printer and align the IR transmitter at the top of the tester with the IR receiver on the printer. Press and hold the MENU button. Select "PRINT RESULTS" from the option list, press "ENTER" to print the results.
- 12) Does the battery pass the test?
 - a) Yes >> no further action required.
 - b) No >> perform the Repair Procedure.

KJ DIESEL BATTERY DIAGNOSIS:

NOTE: Refer to Warranty Bulletin D-05-18 and Service Bulletin 08-041-05 for more information.

- 1) Turn on the headlights for 30 seconds.
- 2) Turn off the headlights.
- 3) Ensure that the Ignition Off Draw (IOD) fuse is removed.
- 4) Ensure the ignition switch is in the "Off" position.
- 5) Access the battery.
- 6) Remove the red cover on the positive battery clamp.
- 7) Connect a digital multimeter, teamPSE Fluke ND-78-A (or equivalent) to the battery leads.
- 8) Read the open circuit voltage.
- 9) Is the open circuit voltage less than 12.5 volts?
 - a) Yes >> perform the Repair Procedure.
 - b) No >> no further action required.

REPAIR PROCEDURE:

Replace the battery. Refer to the detailed service information available in TechCONNECT, under: Service Info, 8-Electrical, Battery System, Battery, Removal and Installation.

POLICY: Reimbursable within the provisions of the warranty.

NOTE: Use of the Labor Operation included with this Service Action on vehicles other than those involved may be subject to charge back.

TIME ALLOWANCE:

Labor Operation No:		
08-08-01-90	Test One or Both Batteries (All vehicles)	0.2 Hrs.
08-08-01-91	Test One or Both Batteries and Replace One Battery (All vehicles)	0.3 Hrs.
08-08-01-97	Test Both and Replace Both Batteries (DR/DH/D1 Diesel)	0.5 Hrs.

FAILURE CODE: ZZ Service Action

If you have any questions, contact your Zone service office.



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Global Service