



**NUMBER:** 09-006-14

**GROUP:** Engine

**DATE:** November 01, 2014

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**THIS SERVICE BULLETIN IS ALSO BEING RELEASED AS RAPID RESPONSE TRANSMITTAL (RRT) 14-092. ALL APPLICABLE SOLD AND UN-SOLD RRT VIN'S HAVE BEEN LOADED. TO VERIFY THAT THIS RRT SERVICE ACTION IS APPLICABLE TO THE VEHICLE, USE VIP OR PERFORM A VIN SEARCH IN TECHCONNECT. ALL REPAIRS ARE REIMBURSABLE WITHIN THE PROVISIONS OF WARRANTY.**

**SUBJECT:**

Blue Smoke At Start Up

**OVERVIEW:**

This bulletin involves replacing the cylinder head, if required.

**MODELS:**

2014 - 2015 (KL) Cherokee

**NOTE: This bulletin applies to vehicles built on or after June 22, 2014 (MDH 0622XX) on or before September 04, 2014 (MDH 0904XX) equipped with 2.4L I4 Multiair Engine (sales code ED6).**

**SYMPTOM/CONDITION:**

Customers may notice blue smoke coming from the tail pipe at start up.

**DIAGNOSIS:**

If a customer's VIN is listed in VIP or your RRT VIN list, perform the repair.

**PARTS REQUIRED:**

Qty.	Part No.	Description
(1)	05048020AA	Cylinder Head
(1)	68191818AA	Gasket Kit, Cylinder Head
(10)	6508857AA	Cylinder head bolts
(1)	68081823AD	Exhaust downpipe gasket
(1)	05047468AA	Multi-air gasket
(2)	2212437100	alignment dowels (If required)
(1)	04883971	Mopar engine RTV

Qty.	Part No.	Description
(1)	68197769AA	Oil Filter
(1)	68152004PA	Engine Oil, 5.5 Quarts (Refer to your engine oil filler cap for correct SAE grade)

**REPAIR PROCEDURE:**

1. Replace the cylinder head. Follow the detailed service procedures available in DealerCONNECT/TechCONNECT, Refer To Group 09 - Engine, 2.4L Multiair/Cylinder Head/Removal, 09 - Engine, 2.4L Multiair/Cylinder Head/Cleaning and 09 - Engine, 2.4L Multiair/Cylinder Head/Installation.

**NOTE: Cylinder head bolts must be replaced.**

2. Change the engine oil and filter before starting the motor.

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

Labor Operation No:	Description	Skill Category	Amount
09-35-03-98	Head, Cylinder Assembly - Replace (2WD Only) (3 - Highly Skilled)	1 - Engine Repair	7.1Hrs.
09-35-03-99	Head, Cylinder Assembly - Replace (AWD Only) (3 - Highly Skilled)	1 - Engine Repair	7.4Hrs.

**FAILURE CODE:**

ZZ	Service Action
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