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Availability: ISIS

Revision: 4

Major System: ENGINES

Created: 10/16/2014

Current Language: English

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Other Languages: NONE

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Viewed: 1254

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Coding Information

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Title: 2010 - 2013 MaxxForce 7 Short Block Assembly

Applies To: 2010 - 2013 MaxxForce 7

CHANGE LOG

03/18/2015 - Added chassis model to engine part description and the visual difference between each engine.
03/16/2015 - Added warning not to charge assembly kit components to the warranty claim
12/12/2014 - Added Component Lists for the Short Block and Assembly Kit
12/09/2014 - Fixed article coding

DESCRIPTION

This document will provide the user with [PDF documentation](#) to assist with V152/V179 Short Block assembly process and information. This document should be viewed as a "resource center" and as such, all diagnostics should be completed through appropriate iKnow articles or Diagnostic Manual.

(NOTE: An assembly kit will be shipped with the engine and is included in the engine price. Do not charge these components out separately to the warranty claim. To see contents of the kit select the link below.)

[2010 - 2013 MAXXFORCE 7 ASSEMBLY KIT CONTENTS](#)

SERVICE PARTS INFORMATION

Kit Description	Part Number	Quantity Required	Notes
V152/V179 SHORT BLOCK DURASTAR & HC/TC BUS (OIL PAN SUMP IN FRONT)	5010816R91	1	COMES WITH ASSEMBLY KIT
V152/V179 SHORT BLOCK TERRASTAR (OIL PAN SUMP IN BACK)	5010817R91	1	

SHORT BLOCK ASSEMBLY COMPONENTS
CRANKCASE
CAMSHAFT

CRANKSHAFT
CONNECTING RODS
PISTONS
CAM FOLLOWERS
CRANKCASE FRONT COVER
OIL PAN
OIL PUMP
CRANKSHAFT OIL SEALS
FLYWHEEL HOUSING
OIL COOLER

REPAIR STEPS

REMOVAL & INSTALLATION PROCEDURE:

[2010 - 2013 MaxxForce 7 Engine Service Manual](#)

[Short Block Servicing SRT Steps](#)

[MaxxForce 7 Torque Charts](#)

[Short Block Visual Assembly Guide](#)

[Short Block Acceptable Appearance Guide](#)

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WARRANTY INFORMATION

Warranty Claim Coding:

Root Cause: Suspect Cylinder Wear (Blow-by out of specification)

Group:	12000 - ENGINES
Noun:	192 - Sleeve, Cylinder

Root Cause: Coolant Leaking Into Crankcase

Group:	12000 - ENGINES
Noun:	051 - Crankcase

Root Cause: Lifter Failure Camshaft Damage

Group:	12000 - ENGINES
Noun:	357 - Camshaft

Standard Repair Times:

Description	Chassis	Engine	SRT	Hours
	ALL	2010 - 2013 MAXXFORCE 7	A12-1051X	8.2

SKELETON (SHORT BLOCK) SERVICE ENGINE PARTS (V ENGINES), TRANSFER				
ENGINE ASSEMBLY (COMPLETE), REMOVE AND REINSTALL	SEE MANUAL	2010 - 2013 MAXXFORCE 7	SEE MANUAL	SEE MANUAL

OTHER RESOURCES

[Master Service Information Site](#)



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