



Subject: NEW CYLINDER HEAD ASSEMBLY ESTABLISHED	Service Alert No.: SA-058/20
	Last Issued: 08/05/2020

BULLETIN NOTES

This service alert supersedes the previously issued service alert listed below. The changes are noted in Red text.

Previous TSBs:	Date(s) Issued:
SA-058/20	7/24/20

APPLICABLE MODEL(S)/VINS

2018-2020 CX-5 (US spec)
2018-2020 Mazda6 (US spec)
2019-2020 Mazda3 (US spec)

DESCRIPTION

A new cylinder head assembly for service parts has been newly established for SKYACTIV-G 2.5 with cylinder deactivation when replacement is needed. Valves, valve springs, valve spring seats, and cotters (IN/EX) are included in the new assembly.

NOTE: Cylinder head replacement requires MASH authorization.

REPAIR PROCEDURE

Several videos have been created to aid with the cylinder head replacement.

- Timing Chain Replacement
- Colored Timing Chain Links
- Camshaft Inspection
- Cylinder Inspection
- Bolt Hole Prep
- SHLA Installation
- SHLA Installation - Correct vs Incorrect

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PARTS INFORMATION

Required parts for cylinder head replacement:

NOTE: Cylinder head replacement requires MASH authorization.

Parts Number	Description	Qty.
0000-99-SCX5	Head Set Kit, Cylinder	1

NOTE (Information only - DO NOT order): P/N0000-99-SCX5above includes the following parts.

Parts Number	Description	Qty.
PYY4-10-SJ0	Head Set, Cylinder	1
8PY3-10-271A	Gasket Set	1
PYFA-15-169A	Water Outlet Gasket	1
ZZC0-10-135	Head Bolts	10
ZJ01-10-243	Front Cover Sealing Washer	1
PY01-13-460A	Exhaust Manifold Gasket	1
PE23-40-305	Exhaust Pipe Gasket 2WD/4WD	1
PYFA-13-256	Fuel Injector Spacer/Retaining Clip	4

NOTE: PYY4-10-SJ0 includes the following parts.

Description
Head, Cylinder (Older Assembly)
Cotter, Valve
Seat, Valve SPG-UP
Spring, Valve
Spring, Outer-EX Valve
Valve, Inlet
Valve, Exhaust

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WARRANTY INFORMATION

Warranty Type	A
Symptom Code	76
Damage Code	9B
Part Number Main Cause	PYY4-10-SJ0
Quantity	1
Operation Number / Labor Hours:	B0402ARX / (listed time in Warranty Wizard) B0402XRT / 0.5 hrs (actual time)

NOTE: DO NOT USE the cylinder head replacement labor time listed in Warranty Wizard. That labor time is for a bare head and includes time to swap parts from the original head to the new head.

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