



Subject: NEW CYLINDER HEAD ASSEMBLY ESTABLISHED	Service Alert No.: SA-058/20
	Last Issued: 07/24/2020

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

To View the Cylinder Head Videos on a PC:

1. Download the zip file to PC.
2. Unzip the folder.
3. Right click on the video the video to view.
4. Select Open with, then select VLC media player.

[PYUD Cylinder Head Videos zip file](#)

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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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