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SERVICE LETTER

Service Letter No. L305
6-25-2026

TO: All Owners, Operators, and Maintenance Providers of Lycoming
Aircraft Engines

SUBJECT: Camshaft Kits

NOTICE: Incomplete review of all the information in this document can cause errors. Read the entire Service Letter to make sure you have a complete understanding of the requirements.

This service letter provides part number listings for roller and flat tappet camshaft kits.

Roller Camshaft Kits:

05K26880 6 Cylinder Cam & Roller Tappet, Kit		
<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
LRT23381	Body Assy-Hydraulic Tappet-Lyc Roller Type	12
15B26066	Plunger Assy -Hydraulic Lifter	12
15B21319	Socket-Hydraulic. Tappet	12
15N23374	Camshaft Assy, Roller Lifter	1

05K26879 4 Cylinder Cam & Roller Tappet, Kit		
<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
LRT23381	Body Assy-Hydraulic Tappet-Lyc Roller Type	8
15B26066	Plunger Assy - Hydraulic Lifter	8
15B21319	Socket-Hydraulic. Tappet	8
15M23452	Camshaft Assembly, Roller Lifter	1



General Aviation
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05K31155	Camshaft, 4 Cylinder, Roller Lifter, Front Governor, Kit	
<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
LRT23381	Body Assy-Hydraulic Tappet-Lyc Roller Type	8
15B26066	Plunger Assy - Hydraulic Lifter	8
15B21319	Socket-Hydraulic. Tappet	8
15M23456	Camshaft Assembly, Roller Lifter	1

05K31156	Camshaft, 4 Cylinder, Roller Lifter, Front Governor, Reverse Rotation, Kit	
<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
LRT23381	Body Assy-Hydraulic Tappet-Lyc Roller Type	8
15B26066	Plunger Assy - Hydraulic Lifter	8
15B21319	Socket-Hydraulic. Tappet	8
15M23454	Camshaft Assembly, Roller Lifter-Rev Rot	1

05K31158	Camshaft, 4 Cylinder, Roller Lifter, Reverse Rotation, Kit	
<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
LRT23381	Body Assy-Hydraulic Tappet-Lyc Roller Type	8
15B26066	Plunger Assy - Hydraulic Lifter	8
15B21319	Socket-Hydraulic. Tappet	8
15M23496	Camshaft Assembly, Roller Lifter-Rev Rot.	1

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Flat Tappet Camshaft Kit

05K29047	6 Cylinder Cam with Hyperbolic* Flat Tappets & Plungers, Kit	
<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
15B26262	Body - Hydraulic Hyperbolic Tappet	12
15B26066	Plunger Assy - Hydraulic Lifter	12
15B21319	Socket-Hydraulic. Tappet	12
LW-19340	Camshaft Assembly, Flat Tappet	1

05K29046	4 Cylinder Cam with Hyperbolic* Flat Tappets & Plungers, Kit	
<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
15B26262	Body - Hydraulic Hyperbolic Tappet	8
15B26066	Plunger Assy - Hydraulic Lifter	8
15B21319	Socket-Hydraulic. Tappet	8
LW-18840	Camshaft Assembly, Flat Tappet	1

05K31160	Camshaft, 4 Cylinder, with Hyperbolic* Tappet - Reverse Rotation, Kit	
<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
15B26262	Body - Hydraulic Hyperbolic Tappet	8
15B26066	Plunger Assy - Hydraulic Lifter	8
15B21319	Socket-Hydraulic. Tappet	8
15M19407	Camshaft Assembly, Flat Tappet	1

*Hyperbolic Tappets can cause lower than expected oil pressure on high time rebuilt engines with acceptable high limit worn tappet bores.

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05K22721	6 Cylinder Cam with Spherical Flat Tappets & Plungers, Kit	
<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
15B26588	Body - Hydraulic Spherical Tappet	12
15B26066	Plunger Assy - Hydraulic Lifter	12
15B21319	Socket-Hydraulic. Tappet	12
LW-19340	Camshaft Assembly, Flat Tappet	1

05K22720	4 Cylinder Cam with Spherical Flat Tappets & Plungers, Kit	
<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
15B26588	Body - Hydraulic Spherical Tappet	8
15B26066	Plunger Assy - Hydraulic Lifter	8
15B21319	Socket-Hydraulic. Tappet	8
LW-18840	Camshaft Assembly, Flat Tappet	1

05K31161	Camshaft, 4 Cylinder, Spherical Flat Tappet - Reverse Rotation, Kit	
<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
15B26588	Body - Hydraulic Spherical Tappet	8
15B26066	Plunger Assy - Hydraulic Lifter	8
15B21319	Socket-Hydraulic. Tappet	8
15M19407	Camshaft Assembly, Flat Tappet, Reverse Rotation	1

If you have any questions, contact Lycoming Technical Support by phone at 570-327-7222 or 877-839-7878 or email to Technicalsupport@lycoming.com.

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