

EVOLUTION® PISTONS



JIMS® forged 2618 aluminum pistons add unquestioned reliability to stock and performance Evolution® engines. Each set includes pistons, rings, wrist pins, and wrist pin clips. The 106" kit is listed as *While Supplies Last*, please call in for special reduced pricing. For more details see No.1530-IS instructions.

Recommended JIMS® Tools for Piston, Rings and Wrist Pins, Wrist Pin Clips, and Wrist Pin Bushings:

Twin Cam®

- No.951 - Torque Plates
- No.1051 - Connecting Rod Bushing Tool
- No.1726-3 - Wrist Pin Bushing Reamer Tool
- No.1276 - Wrist Pin Remover & Installer Tool
- No.1235 - Piston Ring Expander Tool
- No.1236 - Piston Ring Compressor Tool
- No.1765 - Piston Ring Groove Cleaner Tool
- No.1284 - Rod Holder Tool
- No.1164 - Piston Support Plate Tool
- No.1148 - Rod Alignment Tool

EVO 80" DOMED PISTONS

PART NO.	BORE	STROKE	PIN O.D.	RINGS	C/R	COMP. HEIGHT	TOTAL PISTON SET WEIGHT
No.1555	3.5" STD.	4.25"	.792"	No.1461	10:1	1.375"	924g
No.1555A	3.5"+.005	4.25"	.792"	No.1462	10:1	1.375"	928g
No.1555B	3.5"+.010	4.25"	.792"	No.1463	10:1	1.375"	931g

EVO 87" FLAT TOP PISTONS

PART NO.	BORE	STROKE	PIN O.D.	RINGS	C/R	COMP. HEIGHT	TOTAL PISTON SET WEIGHT
No.1558	3.5" STD.	4.50"	.792"	No.1461	10:1	1.250"	898g
No.1558A	3.5"+.005	4.50"	.792"	No.1462	10:1	1.250"	902g
No.1558B	3.5"+.010	4.50"	.792"	No.1463	10:1	1.250"	908g

EVO 89" FLAT TOP PISTONS

PART NO.	BORE	STROKE	PIN O.D.	RINGS	C/R	COMP. HEIGHT	TOTAL PISTON SET WEIGHT
No.1561	3.5" STD.	4.625"	.792"	No.1461	9.25:1	1.188"	882g
No.1561B	3.5"+.010	4.625"	.792"	No.1463	9.25:1	1.188"	906g

EVO 96" FLAT TOP PISTONS

PART NO.	BORE	STROKE	PIN O.D.	RINGS	C/R	COMP. HEIGHT	TOTAL PISTON SET WEIGHT
No.1576	3.625" STD.	4.625"	.792"	No.1467	9.75:1	1.200"	898g
No.1576A	3.625"+.005	4.625"	.792"	No.1468	9.75:1	1.200"	942g
No.1576B	3.625"+.010	4.625"	.792"	No.1469	9.75:1	1.200"	947g

WHILE SUPPLIES LAST

EVO 106" FLAT TOP PISTONS

PART NO.	BORE	STROKE	PIN O.D.	RINGS	C/R	COMP. HEIGHT	TOTAL PISTON SET WEIGHT
No.1584B	3.812"+.010	1.625"	.792"	No.1477	10:1	1.200"	1033g

EVOLUTION

- No.1073 - Torque Plates
- No.1726-1 - Wrist Pin Bushing Reamer Tool
- No.1235 - Piston Ring Expander Tool
- No.1236 - Piston Ring Compressor Tool
- No.34623-83 - Piston Pin Keeper Tool
- No.1172 - Wrist Pin Clip Remover & Installer Tool
- No.1765 - Piston Ring Groove Cleaner Tool
- No.1284 - Rod Holder Tool
- No.1164 - Piston Support Plate Tool
- No.1010 - Rod Alignment Tool

Refer to the "Tool Section" of catalog for more details.

EVO WRIST PIN CLIP SETS

No.1599K - Replacement wrist pin clips, 4-pack for all piston sets below.

WRIST PIN AND PISTON TOOLS



PISTON PIN KEEPER TOOL

Use to install retaining ring in piston. This tool will install "Round Circlip" rings in one easy step without distorting ring, for the safest wrist pin retention possible. *For more details see No.34623-IS instructions.*

No.34623-83 - Use on all Big Twin 1983-present single cam only. (**NOTE:** Includes after-market motors.)
Use on all Sportster® Late 1985- present. Use on Buell® 1987-2010, except 1125R.

PARTS AVAILABLE SEPARATELY

NO.	QTY.	DESCRIPTION	PART NO.
1	1	PIN	34623-83-1
2	1	COLLAR	34623-83-2
3	1	INSTRUCTION SHEET	34623-IS



PISTON PIN KEEPER TOOL

For installing and removing split "L" ring keepers. *For more details see No.2368-IS instructions.*

No.96780-32A - Use on all Big Twin 1932-72.

PARTS AVAILABLE SEPARATELY

NO.	QTY.	DESCRIPTION	PART NO.
1	1	MANDREL	96780-32A-1
2	1	SLEEVE	96780-32A-2
3	1	INSTRUCTION SHEET	2368-IS



PISTON SUPPORT PLATE

Using this tool will give you peace of mind when installing your rings and cylinders by providing a non-marring flat support to push the bottom of the piston against as you install the rings and cylinder over the piston. *For more details see No.1164-IS instructions.*

No.1164 - Use on all H-D® style engines.

PARTS AVAILABLE SEPARATELY

NO.	QTY.	DESCRIPTION	PART NO.
1	1	PISTON PLATE	1164-1
2	2	DELTRIN NUT	1164-2
3	2	SCREW	1690
4	1	INSTRUCTION SHEET	1164-IS

PISTON LOCK RING TOOL

Use to install lock ring H-D® No. 22582-52 in piston having .515" I.D. wrist pins, like most aftermarket pistons. This tool will install "spiral lock" rings in one easy step without distorting ring, for the safest wrist pin retention possible. *For more details see No.96780-IS instructions.*

No.96780-58A - Use on all Big Twin and Sportster® 1973 and earlier. Use to install lock ring H-D® No.22582-52 in piston having .515" I.D. wrist pins.

No.96781-72 - Use on Big Twin and Sportster® 1973-77.



PARTS AVAILABLE SEPARATELY

NO.	QTY.	DESCRIPTION	PART NO.
1	1	COLLAR	2148
2	1	INSTRUCTION SHEET	96780-IS