

PINION GEARS

JIMS® pinion gears are made with the finest American aerospace quality tool steel. Precision machined to exact tolerances with no compromises in workmanship.

JIMS® offers eight different sizes of early gears and seven sizes of the late style gears, providing you with the perfect fit for any cam gear fitment job. This cam gear fitment is essential to quiet valve train operation. Too loose of a fit will result in a clicking noise, sometimes confused with lifter noise, and too tight of a fit will produce a severe gear whine.

No matter what situation, use a gear you can depend on and one that's backed by over 44 years of manufacturing experience. For quality known world wide, use...JIMS®.



JIMS® RECOMMENDS:	
PART NO.	DESCRIPTION
1110	GAUGE PINS
1111	GAUGE PINS
2237	LOCKER TOOL
96830-51	PULLER
94555-55A	NUT SOCKET

PINION GEAR

Use on Big Twin 1954-Early 1977. (NOTE: Includes aftermarket engines.)

ORDER NO.	GEAR SIZE OVER .105 PINS	CAM GEAR OVER .105 PINS	COLOR CODE
No.24010-OR	1.4490-1.4485	2.7665-2.767	Orange
No.24010-RE	1.4480-1.4475	2.7675-2.768	Red
No.24010-BLU	1.4475-1.447	2.768-2.7685	Blue
No.24010-GR	1.4470-1.4465	2.7685-2.769	Green
No.24010-WH	1.4465-1.446	2.769-2.7695	White
No.24010-BR	1.4460-1.4455	2.7695-2.770	Brown
No.24010-YE	1.4455-1.445	2.770-2.7705	Yellow



PINION GEAR

Use on Big Twin Late 1977-1989. (NOTE: Includes aftermarket engines.)

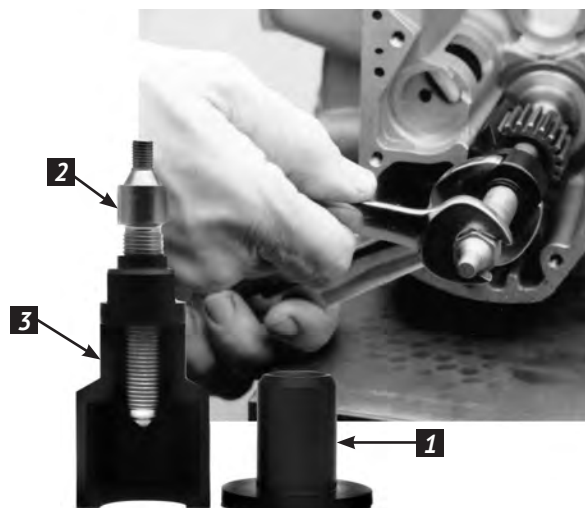
ORDER NO.	GEAR SIZE OVER .105 PINS	CAM GEAR OVER .105 PINS	COLOR CODE
No.24040-78	1.4751-1.4756	2.7324-2.7334	Orange
No.24041-78	1.4745-1.4751	2.7334-2.7344	White
No.24042-78	1.4737-1.4745	2.7344-2.7354	Yellow
No.24043-78	1.4729-1.4737	2.7354-2.7364	Red
No.24044-78	1.4721-1.4729	2.7364-2.7374	Blue
No.24045-78	1.4715-1.4721	2.7374-2.7384	Green
No.24046-78	1.4710-1.4715	2.7384-2.7394	Black



PINION GEAR NUT SOCKET

Use to remove or secure pinion gear nut to pinion gear shaft. 1/2" Drive. Use with JIMS® tool No.2237 lock-er, see below. *For more details see No.94555-55A-IS instructions.*

No.94555-55A - Use on all Big Twin 1954-92.



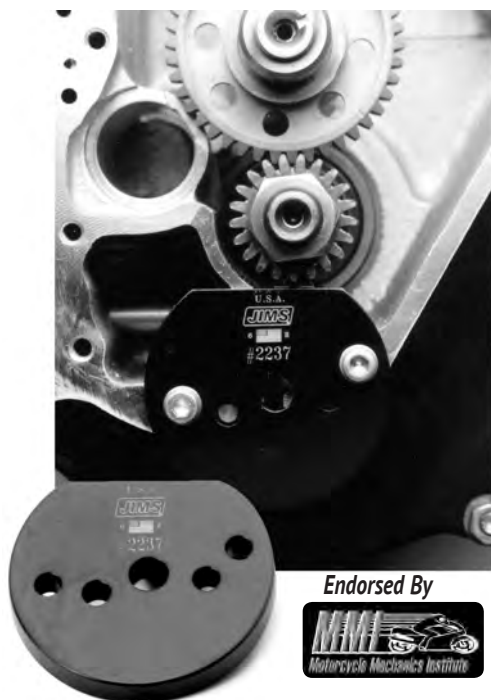
PINION GEAR INSTALLER & PULLER

Use to install pressed on splined pinion gears on Big Twin 1939-53. Use to remove pinion gear on Big Twin 1939-89 and Sportsters® 1957-76. *For more details see No.96830-IS instructions.*

No.96830-51 - Use on all Big Twin 1939-89 and Sportsters® 1957-76.

PARTS AVAILABLE SEPARATELY

NO.	QTY.	DESCRIPTION	PART NO.
1	1	COLLAR	96830-51-1
2	1	SCREW	96830-51-2
3	1	PULLER	96830-51-3
4	1	INSTRUCTION SHEET	96830-IS



BIG TWIN PINION GEAR LOCKER TOOL

Use to lock pinion gear, necessary to torque the pinion nut. Tool is simple to use, just align underneath gear and screw into case. Use JIMS® tool No.94555-55A to tighten pinion nut. *For more details see No.2237-IS instructions.*

No.2237 - Use on Big Twin 1954-present single cam only.
(NOTE: Includes aftermarket motors.)



XL & BUELL® PINION GEAR LOCKER TOOL

Use tool to lock pinion gear when torquing the pinion nut. Tool is simple to use, just align underneath gear and screw into case. *For more details see No.1665-IS instructions.*

No.1665 - Use on all Sportster® and Buell® 2000 Present, except 1125R.

No.1666 - Use on all Sportster® and Buell® 1991-99.