

**Sport Series Crankshafts by Compstar are all sold balanced and ready for assembly. All SS crankshafts also feature the best metallurgy and heat treatment on the market today.**



Callies Sport Series components for the Ford Duratec / EcoBoost engine system have been designed with seamless integration in mind. Callies has meticulously examined prints and products to insure these components are compatible and easily installed into your next project. Every component has been designed or modified to offer specific performance advantages. Callies offers 1.6 L, 2.3 L lightweight and heavy weight and 3.5L EcoBoost crankshafts.

## Ford 1.6 L EcoBoost

**Average Weight 27 lbs**

Standard Features

- Stroke available 81.4 mm
- Fully Counterweighted Design
- 4340 Steel Certified by Callies in house Metallurgical Lab
- Ultra-Cryo treatment performed in house at Callies
- Ultra-Case Nitriding performed and Certified by Callies
- All journals ground with strength enhancing Tru-Form radii
- Rod & main journals finished to 4Ra or less
- Gun Drilled Mains
- Lightened Rod Journals
- Tear drop lead in main oil holes
- No Drill Internal Balance Included
- Aeroshed finishing optional



## Ford 1.6 L EcoBoost

Stroke:	Main:	Pin:	Part #	
81.40mm	48mm	44mm	S24001	Billet
91.40mm	48mm	44mm	S24008	Billet



## Ford 2.3 L EcoBoost - Lightweight Factory Modified with a weight reduction of over 9 lbs

Standard Features

- Guaranteed weight under 34 lbs
- All 4 rod journals are drilled for reduced inertia
- Internal balance shaft drive gear removed
- Ultra-Cryo Treatment performed in house at Callies
- Keyway in post either 3/16" or 3mm can be specified
- Shipped fully balanced (build ready)

## Ford 2.3 L EcoBoost Lightweight

Stroke:	Main:	Pin:	Part #	
94mm	52mm	52mm	QH47KWO-FM	Forged



## Ford 2.3 L EcoBoost - Heavyweight Factory Modified

Standard Features

- Guaranteed weight under 40 lbs
- Internal balance shaft drive gear removed
- Ultra-Cryo Treatment performed in house at Callies
- Keyway in post either 3/16" or 3mm can be specified
- Shipped fully balanced (build ready)

## Ford 2.3 L EcoBoost Heavyweight

Stroke:	Main:	Pin:	Part #	
94mm	52mm	52mm	QH47KWO-FH	Forged



## Factory Modified Gear

Part #: CPPI-061

Factory modified gear with a 3/16 keyway cut in.

Fits both Ford 2.3 EcoBoost Crankshafts QH47KWO-FH and QH47KWO-F2



## Ford 3.5 L EcoBoost Average Weight 42 lbs

### Standard Features

- Stroke available 86.7 mm
- Fully Counterweighted Design
- 4340 Steel Certified by Callies in house Metallurgical Lab
- Ultra-Cryo treatment performed in house at Callies
- Ultra-Case Nitriding performed and Certified by Callies
- All journals ground with strength enhancing Tru-Form radii
- Rod & main journals finished to 4Ra or less
- Gun Drilled Mains
- Lightened Rod Journals
- Tear drop lead in main oil holes
- No Drill Internal Balance Included
- Aeroshed finishing optional

## Ford 3.5 L EcoBoost

Stroke:	Main:	Pin:	Part #	
86.7mm	67mm	56mm	S24002	Billet
91.40mm	67mm	56mm	S24007	Billet

## Ford 2.3 EcoBoost Ultra Enforcer Connecting Rod I-Beam

Length	Journal	Pin	Part #
5.879" / 149mm	2.166" / 52mm	0.886" / 22.5mm	U14820-CA

## Ford 3.5 EcoBoost Ultra Enforcer Connecting Rod I-Beam

Length	Journal	Pin	Part #
6.011" / 153mm	2.205" / 56mm	0.906" / 23mm	U14821-CA

## Ford 1.6 EcoBoost SS Connecting Rod H-Beam

Length	Journal	Pin	Part #
5.276" / 134mm	1.849" / 44mm	0.827" / 21mm	C24103
5.276" / 134mm	1.849" / 44mm	0.827" / 21mm	C24103-CA

## Ford 2.0 EcoBoost SS Connecting Rod H-Beam

Length	Journal	Pin	Part #
6.137" / 156mm	2.166" / 52mm	0.886" / 22.5mm	C24102
6.137" / 156mm	2.166" / 52mm	0.886" / 22.5mm	C24102-CA

## Ford 2.3 EcoBoost SS Connecting Rod H-Beam

Length	Journal	Pin	Part #
5.879" / 149mm	2.166" / 52mm	0.886" / 22.5mm	C24101
5.879" / 149mm	2.166" / 52mm	0.886" / 22.5mm	C24101-CA
5.925" / 150.5mm	2.166" / 52mm	0.886" / 22.5mm	C24107

**C24107 = Mazda Speed Length**

## Ford 3.5 EcoBoost SS Connecting Rod H-Beam

Length	Journal	Pin	Part #
6.011" / 153mm	2.205" / 56mm	0.906" / 23mm	C24104
6.011" / 153mm	2.205" / 56mm	0.906" / 23mm	C24104-CA

