



COMPANY & PRODUCT PRESENTATION

Engine parts. Made in Europe.

FORD . GM . CUMMINS . CAT . MAN/DOOSAN



Rocker arms, roller tappets, connecting rods and valves.
Supply enquiries start with your OE reference.

Illustrative component study

Rocker Arms

Connecting Rods

Roller tappets

Valves

These references are in development, with a planned start of production in 2027. They are listed for expressions of interest; quotation status and timing must be confirmed for each part.

www.sgseengineparts.com

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OE AND CROSS-REFERENCES

Ford 6.7L Power Stroke · 2011–2023.

The list contains 16 published Ford OE and MAHLE reference numbers. The 2011–2023 range applies to the programme as a whole. Use the number to start an enquiry; individual fitment and assembly contents are confirmed separately.

Rocker arms (rocker arm pivot)

LC3Z-6A585-F

(new number VC3Z-6A585-B)

LC3Z-6A585-E

(new number VC3Z-6A585-A)

Roller tappets

BC3Z-6500-C

Roller tappets

BC3Z-6500-B

lifter adjuster assembly

Connecting rods

BC3Z-6200-A

HC3Z-6200-A

LC3Z-6200-B

PC3Z-6200-A

Exhaust valves

CC3Z-6505-B

CC3Z-6505-A

BC3Z-6505-AA

BC3Z-6505-A

Intake valves

BC3Z-6507-A

MAHLE references

211-4524

exhaust

211-4523

intake

CPW16768

BC3Z-6500-C is the roller tappet. BC3Z-6500-B is the adjuster, fitted into the tappet or supplied separately. Confirm the requested assembly contents before ordering.

Use the reference to start an enquiry. We confirm the part and supply scope before quoting. A listed number does not confirm stock or fitment for a particular vehicle.



FORD F-150 GASOLINE ENGINE PARTS

Selected F-150 engines. References by application.

Selected service part references for six F-150 gasoline engine applications. Years below describe the source examples, not universal fitment. Send the engine generation, model year and VIN with your enquiry.

3.5L EcoBoost V6

Selected 2023 references

ML3Z-6564-A
Rocker arm / follower

BR3Z-6500-A
Hydraulic lash adjuster

HL3Z-6200-B
Connecting rod

Earlier generations use different references. Confirm model year and VIN.

2.7L EcoBoost V6

Selected 2015–2017 examples

FT4Z-6564-C
Rocker arm / follower

BR3Z-6500-A
Hydraulic lash adjuster

FT4Z-6200-A
Connecting rod

5.0L Ti-VCT Coyote V8

Selected 2011–2014 references

BR3Z-6564-A
Rocker arm / follower

BR3Z-6500-A
Hydraulic lash adjuster

BR3Z-6200-A
Connecting rod

For 2021+ engines, standard and VDE valvetrain parts differ. Generation-specific selection is required.

3.3L Ti-VCT V6

Selected 2018–2023 references

AT4Z-6500-AAA
Mechanical bucket tappet

HL3Z-6200-B
Connecting rod

No rocker arm: the camshaft acts directly on the bucket tappet. AT4Z-6500-AAA is a 2.95 mm example; select the suffix after measuring valve clearance.

3.5L PowerBoost Hybrid V6

Candidate references · 2021–2025 source example

ML3Z-6564-A
Rocker arm / follower

BR3Z-6500-A
Hydraulic lash adjuster

HL3Z-6200-B
Connecting rod

Candidate references only. Hybrid-specific fitment must be confirmed using the VIN before ordering.

6.2L Boss V8

Selected 2010–2014 references

AL3Z-6564-AA
Rocker arm with adjuster

AL3Z-6200-C
Connecting rod

The adjuster is included with AL3Z-6564-AA. Former separate reference AL3Z-6500-A is not an additional item in this list. Confirm assembly contents before ordering.

A listed reference does not confirm stock, production status or fitment for a particular vehicle. Supply scope and availability are confirmed per enquiry.



MAN/DOOSAN ENGINE PARTS

Diesel and gas engines. Generator applications.

Selected references for MAN/DOOSAN diesel and gas engines or generators. The source lists DOOSAN GV222ti, GV158ti, GE08ti and GE12ti. Confirm the exact engine type and serial number for each requested part.

21.9L · rocker arm assembly

4.90628

403 050 14 36

21.9L · single rocker arm

51.04201-6111

21.9L · valve tappet

51.04301-0106

21.9L · connecting rod

51.02400-6034

11.9L · DOOSAN connecting rod

65.02401-6012H

150121-00265B

New reference in the supplied document

8.1L · DOOSAN connecting rod

65.02401-6101G

150121-00263A

New reference in the supplied document

Displacements and reference pairs follow the supplied catalogue. They do not establish that every part fits every listed MAN or DOOSAN engine. Exact application, reference equivalence, assembly contents and availability are confirmed before quoting.

Send your OE number, required quantity and destination. We will review the part and the requirements for a quotation.

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IN DEVELOPMENT

GM, Cummins and Cat. In development.

These references are in development, with a planned start of production in 2027. They are listed for expressions of interest; quotation status and timing must be confirmed for each part.

GM 6.6L Duramax

Chevrolet · GMC

97365293
Single rocker arm

12636190
Single rocker arm

12638258
Single rocker arm

97325546
Valve lifter roller

12670435
Hydraulic lash adjuster

97326773
Connecting rod

12636253
Connecting rod

98062797
Connecting rod

Cummins 6.7L Turbo

RAM · Dodge

4995602
Rocker arm assembly

3941928
Single rocker arm

4928698
Rocker arm assembly

4995603
Single rocker arm

4995605 / 4995606
Single rocker arm

4928699
Rocker shaft

3947759
Valve tappet

68447565AA
Tappet roller

5257364
Connecting rod

4989162
Connecting rod

4989163
Connecting rod

4943977
Connecting rod

Cat engine components

Heavy duty & industrial

2596121
Single rocker arm

2213275-1
Single rocker arm

1085896
Single rocker arm

2748093
Single rocker arm

20R 3317
Single rocker arm

4N 5614
Single rocker arm

7N 3433
Single rocker arm

7C 2359
Rocker arm support

251-1005
Valve lifter

202-7475
Valve lifter

6I1610
Valve lifter

346-7515
Valve lifter roller

422-3883
Valve lifter roller

224-3245
Connecting rod

10R-2117
Connecting rod

9Y-6054
Connecting rod

Interested in one of these parts? Send the reference and expected quantity so we can confirm its status.



HOW SUPPLY WORKS

From specification to delivery.

We coordinate the technical and commercial requirements for each component programme, from development and tooling to inspection and delivery.

European production, with tooling, inspection and documentation coordinated for the agreed part programme.

Development, tooling, production, inspection, marking, packaging and logistics are coordinated within the European supply chain.

01 Development cooperation

02 Tooling

03 Inspection

04 Delivery planning

Supply focus

We work with Czech and EU distributors and wholesalers re-exporting into Europe, the Middle East and Africa. Delivery eligibility and terms are confirmed for each enquiry.

Quantities, lead times and terms

Minimum quantities, sample and series lead times, packaging and delivery terms are agreed for each part and programme. Include your required quantity, estimated annual demand and destination in the enquiry.

Technical specification

Material, manufacturing process, heat treatment, coating, dimensions and inspection requirements are addressed in the customer engineering package. Technical documentation is shared directly under a non-disclosure agreement.

Reference · Engine / VIN / serial number · Quantity · Destination

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