



**ACERBIS CHAIN GUIDE  
FOR  
KTM/HUSQVARNA/GAS  
GAS  
0025962**



0025962.011.016



0025962.040



0025962.090



0025962.110

## FEATURES

The acerbis chain guide provides impact resistance thanks to its high-strength plastic material.  
It is made of two pieces: the body and the slide, the latter of which can be replaced once it has worn out, also allowing you not to have to disassemble the chain when replacing the slide or the eyebolt itself.

Reduces oscillatory shaking of the chain  
The controlled elasticity structure of the chain guide, absorbs shocks and minimizes damage to the chain and sprocket.  
Is easily applied with acerbis hardware already included, taking advantage of the original mounts on the swingarm

## PRODUCT DETAILS

95% Plastic | 5% Altro

Made In: Italy

## APPLICATIONS

BETA RR 430 4T RACING 2025 | GAS GAS EC 125 2025 | GAS GAS EC 250 2024 2025 | GAS GAS EC 250 F 2024 2025 | GAS GAS EC 300 2024 2025 | GAS GAS EC 350 F 2024 2025 | GAS GAS EC 450 F 2024 2025 | GAS GAS EC 500 F 2024 2025 | GAS GAS EX 250 2024 2025 | GAS GAS EX 250 F 2024 2025 | GAS GAS EX 300 2024 2025 | GAS GAS EX 350 F 2024 | GAS GAS EX 450 F 2024 2025 | GAS GAS MC 125 2024 2025 | GAS GAS MC 250 2024 2025 | GAS GAS MC 250 F 2024 2025 | GAS GAS MC 350 F 2024 2025 | GAS GAS MC 450 F 2024 2025 | HUSQVARNA FC 250 2023 2024 2025 | HUSQVARNA FC 350 2023 2024 2025 | HUSQVARNA FC 450 2023 2024 2025 | HUSQVARNA FE 250 2024 2025 | HUSQVARNA FE 350 2024 2025 | HUSQVARNA FE 350 PRO 2024 2025 | HUSQVARNA FE 350 S 2024 2025 | HUSQVARNA FE 350 W 2024 | HUSQVARNA FE 450 2024 2025 | HUSQVARNA FE 501 2024 2025 | HUSQVARNA FE 501 S 2024 2025 | HUSQVARNA FE 501 W 2024 | HUSQVARNA FX 350 2023 2024 2025 | HUSQVARNA FX 450 2023 2024 2025 | HUSQVARNA TC 125 2023 2024 2025 | HUSQVARNA TC 150 2025 | HUSQVARNA TC 250 2023 2024 2025 | HUSQVARNA TC 300 2025 | HUSQVARNA TE 125 2025 | HUSQVARNA TE 150 2024 2025 | HUSQVARNA TE 250 2024 2025 | HUSQVARNA TE 300 2024 2025 | HUSQVARNA TE 300 PRO 2024 2025 | HUSQVARNA TX 300 2023 2024 2025 | KTM EXC 150 2024 2025 | KTM EXC 250 2024 2025 | KTM EXC 300 2024 2025 | KTM EXC-F 250 2024 2025 | KTM EXC-F 350 2024 2025 | KTM EXC-F 450 2024 2025 | KTM EXC-F 500 2024 2025 | KTM SX 125 2023 2024 2025 | KTM SX 150 2025 | KTM SX 250 2023 2024 2025 | KTM SX 300 2023 2024 2025 | KTM SX-F 250 2023 2024 2025 | KTM SX-F 350 2023 2024 2025 | KTM SX-F 450 2023 2024 2025 | KTM XC 125 2023 2024 2025 | KTM XC 250 2025 | KTM XC 300 2023 2024 2025 | KTM XC-F 250 2023 2024 2025 | KTM XC-F 350 2023 2024 2025 | KTM XC-F 450 2023 2024 2025 | KTM XC-W 125 2025 | KTM XC-W 150 2024 2025 | KTM XC-W 250 2024 2025 | KTM XC-W 300 2024 2025 | KTM XCF-W 450 2024 2025 | KTM XW-F 350 2024 2025 | KTM XW-F 500 2024 2025

## PRODUCTS RELATED



0026069  
REPLACEMENT INSERTS

- 011.016
- 040
- 090
- 110

**ACERBIS CHAIN GUIDE  
FOR  
KTM/HUSQVARNA/GAS  
GAS  
0016451**



0016451.010



0016451.090



0016451.110

## FEATURES

The Acerbis chain guide, replacing the original component, guarantees greater impact resistance thanks to the high-strength plastic material.

The guide is made in two pieces: the body and the slide, the latter replaceable once worn, also allowing you not to have to disassemble the chain when replacing the slide or the guide itself.

The controlled elasticity structure of the guide absorbs shocks and minimizes damage to the chain and crown.

## APPLICATIONS

GAS GAS EC 250 2021 2022 2023 | GAS GAS EC 250 F 2021 2022 2023 | GAS GAS EC 250 GP 2018 2019 2020 | GAS GAS EC 300 2021 2022 2023 | GAS GAS EC 300 GP 2018 2019 2020 | GAS GAS EC 350 F 2021 2022 2023 | GAS GAS EC RACING 250 E4 2018 2019 2020 | GAS GAS EC RACING 250 SIX DAYS 2018 2019 2020 | GAS GAS EC RACING 300 E4 2018 2019 2020 | GAS GAS EX 250 2022 2023 | GAS GAS EX 250 F 2021 2022 2023 | GAS GAS EX 300 2021 2022 2023 | GAS GAS EX 350 F 2021 2022 2023 | GAS GAS EX 450 F 2021 2022 2023 | GAS GAS MC 125 2021 2022 2023 | GAS GAS MC 250 2022 2023 | GAS GAS MC 250 F 2021 2022 2023 | GAS GAS MC 350 F 2022 2023 | GAS GAS MC 450 F 2021 2022 2023 | GAS GAS MC 85 2021 2022 2023 2024 | HUSQVARNA FC 250 2014 2015 2016 2017 2018 2019 2020 2021 2022 | HUSQVARNA FC 350 2014 2015 2016 2017 2018 2019 2020 2021 2022 | HUSQVARNA FC 450 2014 2015 2016 2017 2018 2019 2020 2021 2022 | HUSQVARNA FE 250 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 | HUSQVARNA FE 350 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 | HUSQVARNA FE 350 S 2022 2023 | HUSQVARNA FE 450 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 | HUSQVARNA FE 501 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 | HUSQVARNA FE 501 S 2022 2023 | HUSQVARNA FX 350 2020 2021 2022 | HUSQVARNA FX 450 2020 2021 2022 | HUSQVARNA TC 125 2014 2015 2016 2017 2018 2019 2020 2021 2022 | HUSQVARNA TC 250 2014 2015 2016 2017 2018 2019 2020 2021 2022 | HUSQVARNA TC 300 2014 2015 2016 2017 2018 | HUSQVARNA TC 85 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 | HUSQVARNA TE 125 2014 2015 2016 | HUSQVARNA TE 150I 2020 2021 2022 2023 | HUSQVARNA TE 250 2014 2015 2016 2017 | HUSQVARNA TE 250I 2018 2019 2020 2021 2022 2023 | HUSQVARNA TE 300 2014 2015 2016 2017 | HUSQVARNA TE 300I 2018 2019 2020 2021 2022 2023 | HUSQVARNA TX 125 2017 2018 2019 | HUSQVARNA TX 300 2020 2021 2022 | KTM EXC 125 2012 2013 2014 2015 2016 | KTM EXC 150 TPI 2020 2021 2022 2023 | KTM EXC 200 2012 2013 2014 2015 2016 2017 2018 2019 | KTM EXC 250 2012 2013 2014 2015 2016 2017 | KTM EXC 250 TPI 2018 2019 2020 2021 2022 2023 | KTM EXC 300 2012 2013 2014 2015 2016 2017 | KTM EXC 300 TPI 2018 2019 2020 2021 2022 2023 | KTM EXC-F 250 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 | KTM EXC-F 350 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 | KTM EXC-F 450 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 | KTM EXC-F 500 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 | KTM FREERIDE 250 F 2018 2019 2020 | KTM SX 125 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 | KTM SX 150 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 | KTM SX 200 2011 2012 2013 2014 2015 2016 2017 2018 2019 | KTM SX 250 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 | KTM SX 85 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 | KTM SX-F 250 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 | KTM SX-F 350 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 | KTM SX-F 450 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 | KTM SX-F 505 2011 2012 2013 2014 2015 2016 2017 2018 2019 | KTM XC 125 2020 2021 2022 | KTM XC 250 2019 2023 2024 | KTM XC 250 TPI 2020 2021 2022 | KTM XC 300 2019 | KTM XC 300 TPI 2020 2021 2022 | KTM XC-F 250 2019 2020 2021 2022 | KTM XC-F 350 2019 2020 2021 2022 | KTM XC-F 450 2019 2020 2021 2022 | KTM XC-W 125 2017 2018 2019 | KTM XC-W 150 TPI 2019 2020 2021 2022 2023 | KTM XC-W 250 TPI 2019 2020 2021 2022 2023 | KTM XC-W 300 TPI 2019 2020 2021 2022 2023 | KTM XCF-W 350 2020 2021 2022 2023 | KTM XCF-W 450 2023 | KTM XCF-W 500 2020 2021 2022 2023 | SHERCO 125 SE FACTORY 2020 2021 2022 2023 2024 2025 | SHERCO 125 SE-R 2020 2021 2022 2023 | SHERCO 250 SE FACTORY 2020 2021 2022 2023 2024 2025 | SHERCO 250 SE-R 2020 2021 2022 2023 | SHERCO 250 SEF FACTORY 2020 2021 2022 2023 2024 2025 | SHERCO 250 SEF-R 2020 2021 2022 2023 | SHERCO 300 SE FACTORY 2020 2021 2022 2023 2024 2025 | SHERCO 300 SE-R 2020 2021 2022 2023 | SHERCO 300 SEF FACTORY 2020 2021 2022 2023 2024 2025 | SHERCO 300 SEF-R 2020 2021 2022 2023 | SHERCO 450 SEF FACTORY 2020 2021 2022 2023 2024 2025 | SHERCO 450 SEF-R 2020 2021 2022 2023 | SHERCO 500 SEF FACTORY 2020 2021 2022 2023 2024 2025

## PRODUCTS RELATED



0016510  
REPLACEMENT INSERTS FOR  
KTM/HUSQVARNA/GAS GAS

■ 010

■ 090

**REPLACEMENT  
INSERTS FOR  
KTM/HUSQVARNA/GAS  
GAS  
0016510**



0016510.010



0016510.090

**APPLICATIONS**

GAS GAS EC 250 GP 2018 2019 2020 | GAS GAS EC 300 GP 2018 2019 2020 | GAS GAS EC RACING 250 E4 2018 2019 2020 | GAS GAS EC RACING 250 SIX DAYS 2018 2019 2020 | GAS GAS EC RACING 300 E4 2018 2019 2020 | HUSQVARNA FC 250 2014 2015 2016 2017 2018 2019 | HUSQVARNA FC 350 2014 2015 2016 2017 2018 2019 | HUSQVARNA FC 450 2014 2015 2016 2017 2018 2019 2020 2021 2022 | HUSQVARNA FE 250 2014 2015 2016 2017 2018 2019 | HUSQVARNA FE 350 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 | HUSQVARNA FE 450 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 | HUSQVARNA FE 501 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 | HUSQVARNA NORDEN 901 2022 2023 2024 | HUSQVARNA TC 125 2014 2015 2016 2017 2018 2019 2020 2021 2022 | HUSQVARNA TC 250 2014 2015 2016 2017 2018 2019 2020 2021 2022 | HUSQVARNA TC 300 2014 2015 2016 2017 2018 | HUSQVARNA TC 85 2015 2016 2017 2018 2019 | HUSQVARNA TE 125 2014 2015 2016 | HUSQVARNA TE 250 2014 2015 2016 2017 | HUSQVARNA TE 250I 2018 2019 | HUSQVARNA TE 300 2014 2015 2016 2017 | HUSQVARNA TE 300I 2018 2019 | HUSQVARNA TX 125 2017 2018 2019 | KTM 790 ADVENTURE 2019 2020 2021 2023 2024 | KTM 790 ADVENTURE R 2018 2019 2020 2021 | KTM 890 ADVENTURE 2021 2022 2023 2024 | KTM 890 ADVENTURE L 2021 2022 | KTM 890 ADVENTURE R 2021 2022 2023 2024 | KTM EXC 125 2012 2013 2014 2015 2016 | KTM EXC 200 2012 2013 2014 2015 2016 2017 2018 2019 | KTM EXC 250 2012 2013 2014 2015 2016 2017 | KTM EXC 250 TPI 2018 2019 | KTM EXC 300 2012 2013 2014 2015 2016 2017 | KTM EXC 300 TPI 2018 2019 | KTM EXC-F 250 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 | KTM EXC-F 350 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 | KTM EXC-F 450 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 | KTM EXC-F 500 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 | KTM FREERIDE 250 F 2018 2019 2020 | KTM SX 125 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 | KTM SX 150 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 | KTM SX 200 2011 2012 2013 2014 2015 2016 2017 2018 2019 | KTM SX 250 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 | KTM SX 85 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 | KTM SX-F 250 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 | KTM SX-F 350 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 | KTM SX-F 450 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 | KTM SX-F 505 2011 2012 2013 2014 2015 2016 2017 2018 2019 | KTM XC-W 125 2017 2018 2019

**PRODUCTS RELATED**



0017852  
ACERBIS CHAIN GUIDE FOR  
KTM

■ 010    ■ 090



0016451  
ACERBIS CHAIN GUIDE FOR  
KTM/HUSQVARNA/GAS GAS

■ 010    ■ 090  
■ 110



0025518  
ACERBIS CHAIN GUIDE FOR  
APRILIA

■ 090



0024900  
CHAIN GUIDE FOR KTM  
790/890 Hsq 901

■ 010    ■ 090

**ACERBIS CHAIN  
GUIDE/SLIDER KIT FOR  
KTM/HUSQVARNA/GAS  
GAS**  
0021515



0021515.010



0021515.090

## FEATURES

The Acerbis chain guide, replacing the original component, guarantees greater impact resistance thanks to the high-strength plastic material.

The guide is made in two pieces: the body and the slide, the latter replaceable once worn, also allowing you not to have to disassemble the chain when replacing the slide or the guide itself.

The controlled elasticity structure of the guide absorbs shocks and minimizes damage to the chain and crown.

## APPLICATIONS

GAS GAS MC 85 2021 2022 2023 2024 | HUSQVARNA TC 85 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 | KTM SX 85 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024

PRODUCTS RELATED



0022933  
FULL PLASTIC KIT FOR KTM

011.016 030

031 072

090 092

110 132

553 553.019

553.020 553.021

553.023



**ACERBIS CHAIN  
SLIDER FOR  
KTM/HUSQVARNA/GAS  
GAS**  
0021514



0021514.010



0021514.030



0021514.090

**APPLICATIONS**

GAS GAS MC 85 2021 2022 2023 2024 | HUSQVARNA TC 85 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 | KTM SX 85 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024

**ACERBIS CHAIN  
GUIDE/SLIDER KIT FOR  
KTM/HUSQVARNA/GAS  
GAS  
0021833**



0021833.010



0021833.090

**FEATURES**

The Acerbis chain guide, replacing the original component, guarantees greater impact resistance thanks to the high-strength plastic material.

The guide is made in two pieces: the body and the slide, the latter replaceable once worn, also allowing you not to have to disassemble the chain when replacing the slide or the guide itself.

The controlled elasticity structure of the guide absorbs shocks and minimizes damage to the chain and crown.

**APPLICATIONS**

GAS GAS EC 250 2021 2022 2023 | GAS GAS EC 250 F 2021 2022 2023 | GAS GAS EC 300 2021 2022 2023 | GAS GAS EC 350 F 2021 2022 2023 | GAS GAS EX 250 2022 2023 | GAS GAS EX 250 F 2021 2022 2023 | GAS GAS EX 300 2021 2022 2023 | GAS GAS EX 350 F 2021 2022 2023 | GAS GAS EX 450 F 2021 2022 2023 | GAS GAS MC 125 2021 2022 2023 | GAS GAS MC 250 2022 2023 | GAS GAS MC 250 F 2021 2022 2023 | GAS GAS MC 350 F 2022 2023 | GAS GAS MC 450 F 2021 2022 2023 | HUSQVARNA FC 250 2016 2017 2018 2019 2020 2021 2022 | HUSQVARNA FC 350 2016 2017 2018 2019 2020 2021 2022 | HUSQVARNA FC 450 2016 2017 2018 2019 2020 2021 2022 | HUSQVARNA FE 250 2017 2018 2019 2020 2021 2022 2023 | HUSQVARNA FE 350 2017 2018 2019 2020 2021 2022 2023 | HUSQVARNA FE 350 PRO 2024 | HUSQVARNA FE 350 S 2022 2023 | HUSQVARNA FE 450 2017 2018 2019 2020 2021 2022 2023 | HUSQVARNA FE 501 2017 2018 2019 2020 2021 2022 2023 | HUSQVARNA FE 501 S 2022 2023 | HUSQVARNA FX 350 2020 2021 2022 | HUSQVARNA FX 450 2020 2021 2022 | HUSQVARNA TC 125 2016 2017 2018 2019 2020 2021 2022 | HUSQVARNA TC 250 2017 2018 2019 2020 2021 2022 | HUSQVARNA TE 150I 2020 2021 2022 2023 | HUSQVARNA TE 250 2017 | HUSQVARNA TE 250I 2018 2019 2020 2021 2022 2023 | HUSQVARNA TE 300 2017 | HUSQVARNA TE 300I 2018 2019 2020 2021 2022 2023 | HUSQVARNA TX 125 2017 2018 2019 | HUSQVARNA TX 300 2020 2021 2022 | KTM SX 125 2016 2017 2018 2019 2020 2021 2022 | KTM SX 150 2019 2020 | KTM SX 250 2017 2018 2019 2020 2021 2022 | KTM SX-F 250 2016 2017 2018 2019 2020 2021 2022 | KTM SX-F 350 2016 2017 2018 2019 2020 2021 2022 | KTM SX-F 450 2016 2017 2018 2019 2020 2021 2022 | KTM XC 125 2020 2021 2022 | KTM XC 250 2019 2023 2024 | KTM XC 250 TPI 2020 2021 2022 | KTM XC 300 2019 | KTM XC 300 TPI 2020 2021 2022 | KTM XC-F 250 2019 2020 2021 2022 | KTM XC-F 350 2019 2020 2021 2022 | KTM XC-F 450 2019 2020 2021 2022

**PRODUCTS RELATED**








0023479  
FULL PLASTIC KIT FOR KTM

-  011.016     030
-  031     070
-  072     083
-  090     092
-  132     204
-  207     232
-  243     297
-  313     319
-  553     553.020
-  553.021     553.022










0024051  
FULL PLASTIC KIT FOR  
HUSQVARNA

-  031     090
-  553     553.022
-  553.023











0023600  
X-GRIP FOR HUSQVARNA  
FRAME PROTECTOR

-  249     293
-  315     319
-  349     726
-  878



0024631  
FULL PLASTIC KIT FOR GAS  
GAS

-  072     090
-  092     132
-  237     343
-  349     553

ACERBIS CHAIN  
SLIDER FOR  
KTM/HUSQVARNA/GAS  
GAS  
0021832



0021832.010



0021832.090

APPLICATIONS

GAS GAS EC 250 2021 2022 2023 | GAS GAS EC 250 F 2021 2022 2023 | GAS GAS EC 300 2021 2022 2023 | GAS GAS EC 350 F 2021 2022 2023 | GAS GAS EX 250 2022 2023 | GAS GAS EX 250 F 2021 2022 2023 | GAS GAS EX 300 2021 2022 2023 | GAS GAS EX 350 F 2021 2022 2023 | GAS GAS EX 450 F 2021 2022 2023 | GAS GAS MC 125 2021 2022 2023 | GAS GAS MC 250 2022 2023 | GAS GAS MC 250 F 2021 2022 2023 | GAS GAS MC 350 F 2022 2023 | GAS GAS MC 450 F 2021 2022 2023 | HUSQVARNA FC 250 2016 2017 2018 2019 2020 2021 2022 | HUSQVARNA FC 350 2016 2017 2018 2019 2020 2021 2022 | HUSQVARNA FC 450 2016 2017 2018 2019 2020 2021 2022 | HUSQVARNA FE 250 2017 2018 2019 2020 2021 2022 2023 | HUSQVARNA FE 350 2017 2018 2019 2020 2021 2022 2023 | HUSQVARNA FE 350 PRO 2024 | HUSQVARNA FE 350 S 2022 2023 | HUSQVARNA FE 450 2017 2018 2019 2020 2021 2022 2023 | HUSQVARNA FE 501 2017 2018 2019 2020 2021 2022 2023 | HUSQVARNA FE 501 S 2022 2023 | HUSQVARNA FX 350 2020 2021 2022 | HUSQVARNA FX 450 2020 2021 2022 | HUSQVARNA TC 125 2016 2017 2018 2019 2020 2021 2022 | HUSQVARNA TC 250 2017 2018 2019 2020 2021 2022 | HUSQVARNA TE 150i 2020 2021 2022 2023 | HUSQVARNA TE 250 2017 | HUSQVARNA TE 250i 2018 2019 2020 2021 2022 2023 | HUSQVARNA TE 300 2017 | HUSQVARNA TE 300i 2018 2019 2020 2021 2022 2023 | HUSQVARNA TX 125 2017 2018 2019 | HUSQVARNA TX 300 2020 2021 2022 | KTM SX 125 2016 2017 2018 2019 2020 2021 2022 | KTM SX 150 2019 2020 | KTM SX 250 2017 2018 2019 2020 2021 2022 | KTM SX-F 250 2016 2017 2018 2019 2020 2021 2022 | KTM SX-F 350 2016 2017 2018 2019 2020 2021 2022 | KTM SX-F 450 2016 2017 2018 2019 2020 2021 2022 | KTM XC 125 2020 2021 2022 | KTM XC 250 2019 2023 2024 | KTM XC 250 TPI 2020 2021 2022 | KTM XC 300 2019 | KTM XC 300 TPI 2020 2021 2022 | KTM XC-F 250 2019 2020 2021 2022 | KTM XC-F 350 2019 2020 2021 2022 | KTM XC-F 450 2019 2020 2021 2022