



MADE BY FRAP · OE SUPPLIER TO INEOS

BUILT FOR ABUSE

UNSTOPPABLE PERFORMANCE

FRAP builds heavy-duty steering parts for the INEOS Grenadier, a 4x4 made for the harshest conditions. Bull Series brings the same engineering to pickups, trucks and work vehicles.

BULL SERIES

MADE IN ITALY

HEAVY-DUTY QUALITY

For a fleet, the part is cheap. The vehicle standing still is what costs money. Bull parts stay on longer, and are serviced instead of replaced.

WHAT'S INSIDE A BULL JOINT

Three details that keep a Bull joint tight, greased and sealed, mile after mile.



SINTERED BEARING

Porous metal holds grease and carries the load. No play, ever.



GREASE GROOVES

Fresh grease reaches the whole stud and flushes out dirt at every service.



LOCKED BOOT

Chloroprene boot seated in a deep groove. Stays put at full articulation.

BUILT FOR THE WORKSHOP

WRENCH FLATS

Oversized, for impact tools on rusted parts.

PRESS-IN FLANGES

Rated for 20-ton presses. No distortion.

FORGED BODY

Solid steel, not stamped. Won't bend.

300 %

More durable than standard parts*

9,900 lb

GVM rated (4.5 t)

10.9

Grade hardware, in the box

MoS₂

Pre-filled with extreme-pressure grease

* FRAP durability testing against standard aftermarket parts.

IATF 16949 · ISO 9001 / 14001 / 45001

3-YEAR WARRANTY

exedyfrap.com

WHY BULL HAS NO PLASTIC INSIDE.

Standard joints use a plastic bearing: smooth and quiet, ideal for everyday cars. Under heavy loads, heat and mud, metal lasts longer.



STANDARD

- 1 Sealed cover, no fitting
- 2 Plastic bearing
- 3 Smooth ball pin

BULL

- 1 Grease fitting
- 2 Sintered metal bearing
- 3 Ball pin with grease grooves

	STANDARD · PLASTIC BEARING	BULL · SINTERED METAL
Brake heat	• Can soften over time	• Not affected
Water, mud, grit	• Can wash the grease out	• Holds up. Fresh grease flushes dirt out
Grease	• Sealed for life	• Greasable with any shop grease
Heavy loads, potholes	• Built for passenger-car loads	• Metal carries the load
Steering feel	• Smooth	• Just as smooth with power steering
Missed service	• Relies on the factory fill	• Porous metal holds oil in reserve

Plastic for the daily driver. **Metal for the hard miles.**

IN DEVELOPMENT · HELP US CHOOSE

COMING TO NORTH AMERICA

- Ford Super Duty
- RAM 2500 / 3500
- Chevrolet Silverado HD
- Ford Bronco
- Toyota Tacoma
- Jeep Wrangler / Gladiator
- Toyota Land Cruiser / Lexus GX

Is your truck on the list, or missing? Tell our team at the booth, or email us. Your interest decides what we build first.

WHY CHOOSE BULL

- 1 **Stops memory steer.** On solid-axle trucks the sintered bearing takes off-centre loads, so the truck no longer pulls after a turn.
- 2 **Fewer replacements.** One Bull joint can outlast several standard joints: less downtime, fewer comebacks.
- 3 **Serviced, not replaced.** Grease it at the normal service and it keeps going.



BULL SERIES ONLINE
Range and updates
exedyfrap.com

TALK TO US
info@exedyfrap.com
Prices, stock and new applications

CERTIFIED QUALITY
IATF 16949 · ISO 9001 · 14001 · 45001
3-year warranty

ABOUT US
A joint venture of EXEDY Corporation and FRAP S.p.A. FRAP manufactures all EXEDY FRAP products.