



D8 Class BERCO BPR & BPR2

Updated on 21st February 2017

- BPR BERCO Pin Retention
- BPR2 BERCO Pin Retention 2 which is equivalent to Caterpillar Positive Pin Retention (PPR)

The latest production from BERCO for D8R machine class

 CR4525C – BPR (external snap ring) in master link only + Old Design Seal Group + Different Oil vs D version

Caterpillar Part No: 8E-4518

- CR4525D BPR (external snap ring) in master link only + NEW SEAL GROUP (improvement)
 + NEW OIL (improvement). For not High Impact application GOOD chain
 IMPROVED VERSION OF CR4525 !! LATEST NON BPR2 (CAT PPR) DESIGN !!
- CR7603 <u>BPR2 (metal ring squeezed between pin and link= CAT PPR) improvement</u> + NEW SEAL GROUP (improvement) + NEW OIL (improvement).. For all application (especially for High Impact Application) GOOD chain Caterpillar Part No: 8E-4517

Reference Material

BERCO BPR2 Video Link

https://www.youtube.com/watch?v=bFre3C9zR74

Caterpillar Public Documents

CAT Positive Pin Retention Track - Available on Internet





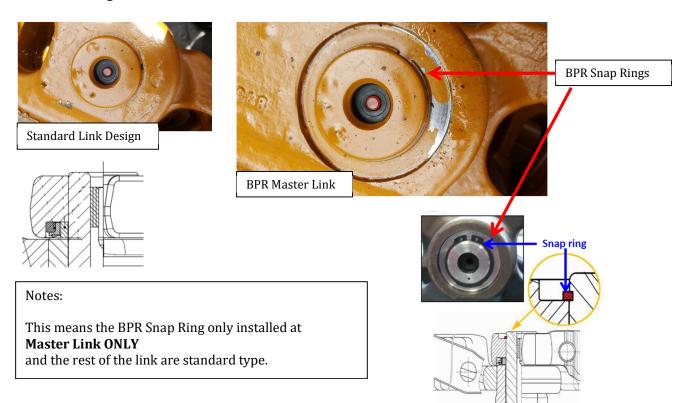
D8R – Original Standard Design – BERCO Part No: CR4525 with BPR Design

BERCO offers BPR at **Master Link ONLY** for vs original CAT design. The old version C production is being replaced by new version D.

In version D.

- Overall design remain the same except the improved sealing components of longer joint life and better wear behavior of the seal (*same as BPR2 = CAT PPR*)
- Lubrication improvement (same as BPR2 = CAT PPR)
- BPR design at Master Link ONLY

Following are the outlook of version C and D.



Version C	Version D
Master Link – BPR	Master Link BPR
Seal – Standard Design (Old Design like many of	Seal – Using BPR2 (equivalent to CAT PPR)
the lubricated chain)	design. Better wear behaviour
Oil – Standard Oil	Oil – Using BPR2 Oil – improved formula for artic
	use as well.





D8R - PPR Design -BERCO Part No: CR7603 with BPR2 Design





New seal design has been developed to improve SALT chain joint life





New design

- Improved synthetic rubber ring suitable from -45°C to +70°C Main ring made by two plastic materials with improved wear behavior

New Design

- Improved synthetic rubber suitable from -45°Cto 70°C
- Main ring made by two plastic materials with improved wear behaviour

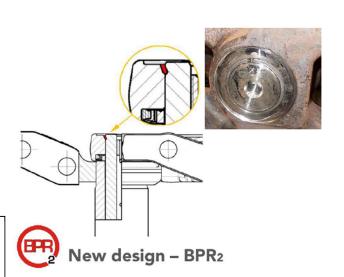


NEW OIL: suitable for Standard and Artic use



Notes:

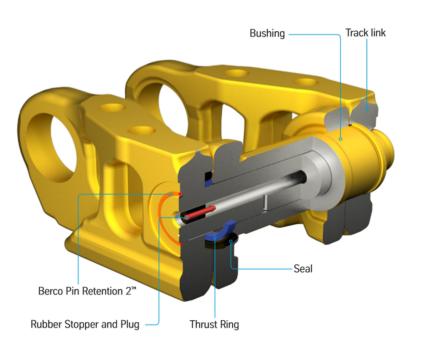
This means all links all design and equipped with BPR2 design.







BERCO BPR2
Positive Pin Retention 2



Caterpillar PPR
Positive Pin Retention

