

STEMCO Kaiser King Pin Kits Differences - K180R/70.180.18 & K182R/70.182.18

This Technical Publication is designed to assist customers determine and identify which STEMCO King Pin Kit to use in the following Meritor applications.

(Note: There are some prototype models in the field with incorrect axle serial numbers)

K180R QwikKit / 70.180.18 PlusKit

- MFS-161015
- MFS-16122A
- MFS-16143A
- MFS-18143A
- MFS-73



K182R QwikKit / 70.182.18 PlusKit

- MFS-18135
- MFS-20135
- MFS-75193A
- MFS-75

PRODUCT IDENTIFICATION BEFORE AXLE TEAR DOWN:

Below are a few ways you can identify the difference between these axles before disassembling.

3 Bolt End Cap

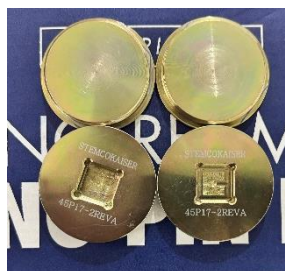


*If the axle has 3 bolt end caps
use either*

*QwikKit K180R (Spiral Bush)
or
PlusKit 70.180.18 (Bronze Bush)*

No-Ream King Pin Kits

Threaded Cap



*If the axle has threaded end caps
use either*

*QwikKit K182R (Spiral Bush)
or
PlusKit 70.182.18 (Bronze Bush)*

No-Ream King Pin Kits

PRODUCT IDENTIFICATION DURING AXLE TEAR DOWN:

Below are a few ways you can identify the difference between these axles during disassembling.

Upper & Lower Bush Length the Same



*Upper & Lower bush length is
the same (Kaiser bush is 58mm)*

*QwikKit K180R (Spiral Bush)
or
PlusKit 70.180.18 (Bronze Bush)*

No-Ream King Pin Kits

Upper & Lower Bush Length is Different



*Upper bush is shorter than Lower
bush (Kaiser upper bush is
44mm & lower bush is 52mm)*

*QwikKit K182R (Spiral Bush)
or
PlusKit 70.182.18 (Bronze Bush)*

No-Ream King Pin Kits



King Pin Length is Different

The king pin length is different between the two axle types. Must ensure king pin length is correct for the lock pins and lock flats to engage correctly.

King pin length in QwikKit K180R (Spiral) & PlusKit 70.180.18 (Bronze) is 285mm

King pin length in QwikKit K182R (Spiral) & PlusKit 70.182.18 (Bronze) is 260mm