

Electronic Clutch Actuator (ECA)

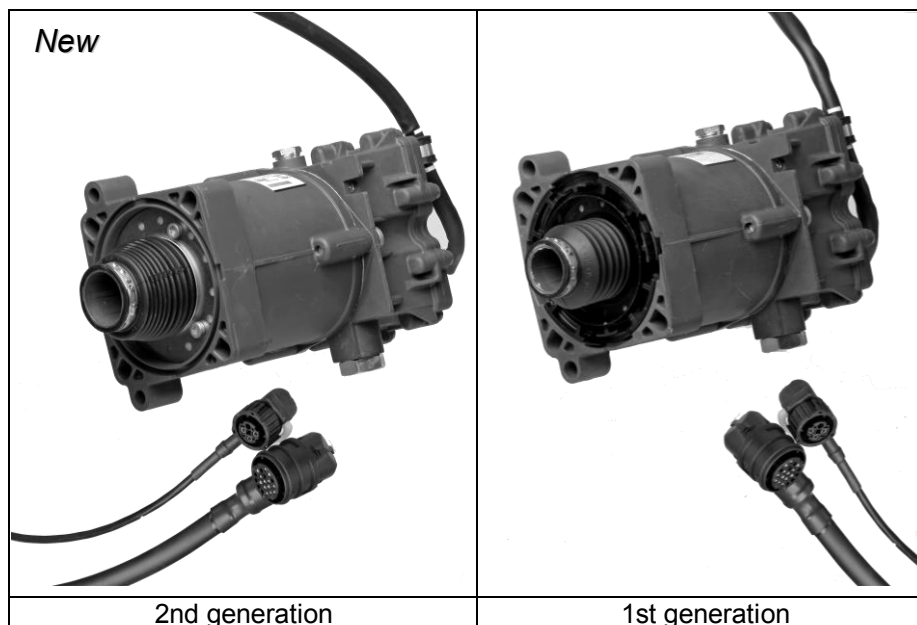
Changeover to the new 2nd generation

As part of ongoing product development and alignment with customer requirements, Knorr-Bremse has introduced the 2nd generation Electronic Clutch Actuator, which is fully backwards compatible to the 1st generation.

Main characteristics:

The function of the electronic clutch actuator is to actuate the clutch automatically (engaging and disengaging), which effectively eliminates any jolting or surging and consequently allows for a smooth clutch operation when accelerating, stopping and gear changing. The main features are as follows:

- Gear shifting without clutch pedal
- Automatic clutch self-adjustment
- Clutch application without jolting or surging
- Electronic-pneumatic controlled clutch operation:
 - At starting and stopping
 - At gear changing
- Optimal clutch actuation, reduces wear of the clutch plates



Benefits:

- Latest technology
- Fully backwards compatible
- Even more robust
- Supplied with the necessary fixtures and fittings for optimal servicing:
 - Cable clips
 - Fixture elements

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New Portfolio

| Knorr-Bremse IAM Part Number | | Knorr-Bremse OE Part Number | | Cross References | | |
|------------------------------|----------------|-----------------------------|----------------|------------------|--|---|
| 2nd Generation | 1st Generation | 2nd Generation | 1st Generation | OEM | Application | OE No. |
| K013727N50 | K015874N50 | K013727 | 0483005005 | ZF | AS Tronic 2 (High and Mid) | 0501219051 0501212474 |
| | | K013727N04 | | MAN | TGA, TGM, Bus with AS Tronic | 81.30716-6111 81.30716-6113 81.30716-6115 81.30716-6099 81.30716-6102 |
| | | K013727N03 | | IVECO | Trakker, Stralis with AS-Tronic | 42568691 42569800 42560762 42536490 |
| | | K013727N02 | | DAF | XF95 with AS-Tronic | 1938762 1447248 |
| K019858N50 | K025014N50 | K019858 | 0483005006 | ZF EvoBus | S431 DT | 501215261 A0002541047 0501 212 475 |
| K126903N50 | - | K013727N07 | 0483005004 | Volvo | FM, FH with I-Shift | 22279246 20702892 |
| K107167N50 | K015875N50 | K107167N07 | 0483005007 | | | 22279199 20583314 |
| | - | K013727N06 | K006888 | Renault | Premium (PNG), Magnum with I Shift | 22279233 85117701 20569775 |
| K024074N50 | - | K024074 | 0483005008 | ZF Iveco | AS Tronic 1 | 0501216295 42536989 501212476 |

Note: The new 2nd generation Electronic Clutch Actuator introduced as from 1st September 2015. Old stocks can be used up.

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