

CLUTCH SERVO

CLUTCH ACTUATION SYSTEM FOR MANUAL TRANSMISSION



AT A GLANCE

- > UNMATCHED PERFORMANCE, QUALITY, AND RELIABILITY
- > LIGHTWEIGHT ALUMINUM HOUSING
- > MODULAR DESIGN PERMITS CUSTOMIZATION TO FIT MOST APPLICATIONS AND CONFIGURATIONS
- > PRODUCT FAMILY WITH 4 PNEUMATIC DIMENSIONS, Ø63MM, Ø80MM, Ø100MM AND Ø125MM
- > WIDE RANGE OF ADDITIONAL FEATURES AVAILABLE

KONGSBERG AUTOMOTIVE IS THE ORIGINAL

Your vehicle left the factory with 100% original parts. Continuing to buy original parts will ensure safe driving and high repurchase value while extending the life of your vehicle.

- > Uniquely designed for your vehicle
- > Produced and tested in our factories
- > Produced under OE specifications
- > Easy installation
- > Environmentally friendly production

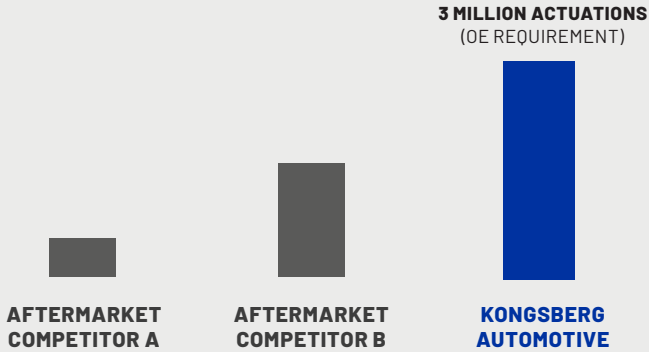


BENCHMARK

DURABILITY TESTS SHOWING DIFFERENCE IN LIFETIME BETWEEN KONGSBERG AUTOMOTIVE AND TWO AFTERMARKET COMPETITORS



2X - 5X LONGER LIFETIME



FAILURES IN GENERIC AFTERMARKET



PICTURE 1



PICTURE 2

HIGHLIGHTS

- > KONGSBERG AUTOMOTIVE CLUTCH SERVO CAN RUN 80%, 5X LONGER THAN AFTERMARKET COMPETITOR A
- > KONGSBERG AUTOMOTIVE CLUTCH SERVO CAN RUN 46%, ALMOST 2X LONGER THAN AFTERMARKET COMPETITOR B

RESULTS

- > A MISPLACED LIP SEAL IS ASSUMED TO HAVE CAUSED THE HYDRAULIC LEAKAGE INSIDE THE VALVE AND CAUSED THE AIR/HYDRAULIC BLOWING OUT OF THE MC RESERVOIR. PICTURE 1 SHOWS WEAR INSIDE THE CYLINDER WHERE THE LIP SEAL OPERATES
- > THE WASHER BETWEEN THE VALVE HOUSING AND VALVE BORE BROKE IN SEVERAL PARTS
- > THE O-RING BETWEEN THE VALVE HOUSING AND EXHAUST HAD SUBSTANTIAL WEAR, AS SHOWN IN PICTURE 2. WEAR ON THE O-RING CAN CAUSE AIR LEAKAGE OUT OF THE EXHAUST
- > WEAR ON THE PISTON CAN CAUSE HYDRAULIC LEAKAGE FROM THE DRAIN

VIEW FULL RANGE OF KONGSBERG AUTOMOTIVE AFTERMARKET PRODUCTS:

