
Instruction Manual

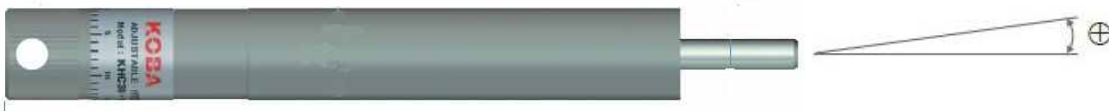
Hydro Check



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The Hydro Check of KOBA is designed to operate several million times and assures its long life if you keep following regulations.

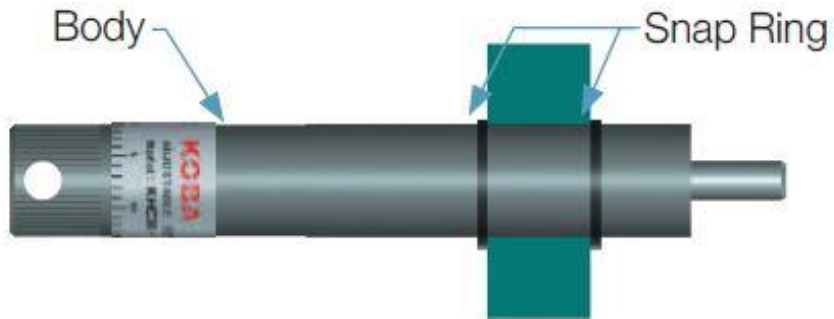
1. Ensure that the capacity of Hydro Check is correct.
2. Do not fasten Hydro Check Body with bolt or alter it in anyway.
(Contact KOBA if it needed)
3. Do not paint or mark on Piston rod.
(It makes occurred oil leakage and reduce the lifetime of Shock Absorber.)
4. Do not keep near the fire and do not throw it away in the fire
5. Ensure that the load impact should be perpendicular to the axis of Hydro Check when installing each other. In the case that the moving load is impacted with the angle of deviation over ($\oplus=1^\circ$)



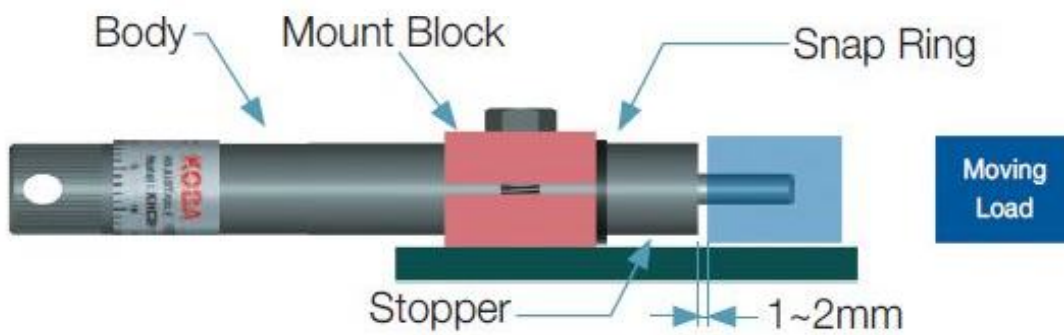
6. Check the operating temperature range of Hydro Check ($-10^\circ\text{C}\sim 80^\circ\text{C}$) to get best performance.
If you need to use Hydro Check in other temperature exceed standard operating temperature, Please contact us.
7. Shield the Shock Absorber to protect it from foreign material such as dust, acids, steam, solvents, cutting fluids, and weld flash.

8. How to fix

1) Can be installed using two Snap Rings.



2) Mount Block is recommended when driving force is high and to install product at the desired location






Warranty certification

This products are manufactured by KOBA production system which has strict qualifying control process.

KOBA provides 12 months warranty period from the date of purchasing.

1. Warrnty

- ▶ During the warranty period, KOBA co., LTD will guarantee to repair or to replace damaged product free of charge when if product failure came from manufacturing defects.

2. Limited Warranty

Following cases cannot be covered by KOBA warranty programs.

- 1) Damage or malfunction caused by user's improper handling.
- 2) In case of warranty period expiration.
- 3) When customer use KOBA product to different circumstances and conditions out of original conditions which was agreed already (i.e.: velocity, weight, direction, temperate, installment position etc..)
When customer could not provide proper evidences of malfunction.
- 4) When damage caused by disassembly and / or alteration by user.
- 5) Product damage or malfunctions caused by natural disaster. (fire, flood, tsunami, etc.)
- 6) When product damage was caused during the transportation.



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