

Service Manual

ROBOHAND | RFE Series



WARNING: This is a controlled document. It is your responsibility to deliver this information to the end user of the DESTACO Robohand product. Failure to deliver this could result in your liability for injury to the user or damage to the machine. For copies of this manual, call your Customer Service Representative at 1.248.836.6700

Item	Qty	Name
01	1	Body
02	2	Finger
03	2	Piston
04	2	Cap
05	1	Cover, Finger
07	1	Shuttle Slug
30	2	Stop, Screw
32	2	Jam Nut
33	2	Dowel Pin
34	2	SSS, Cup Point
40	2	Magnet, Ring

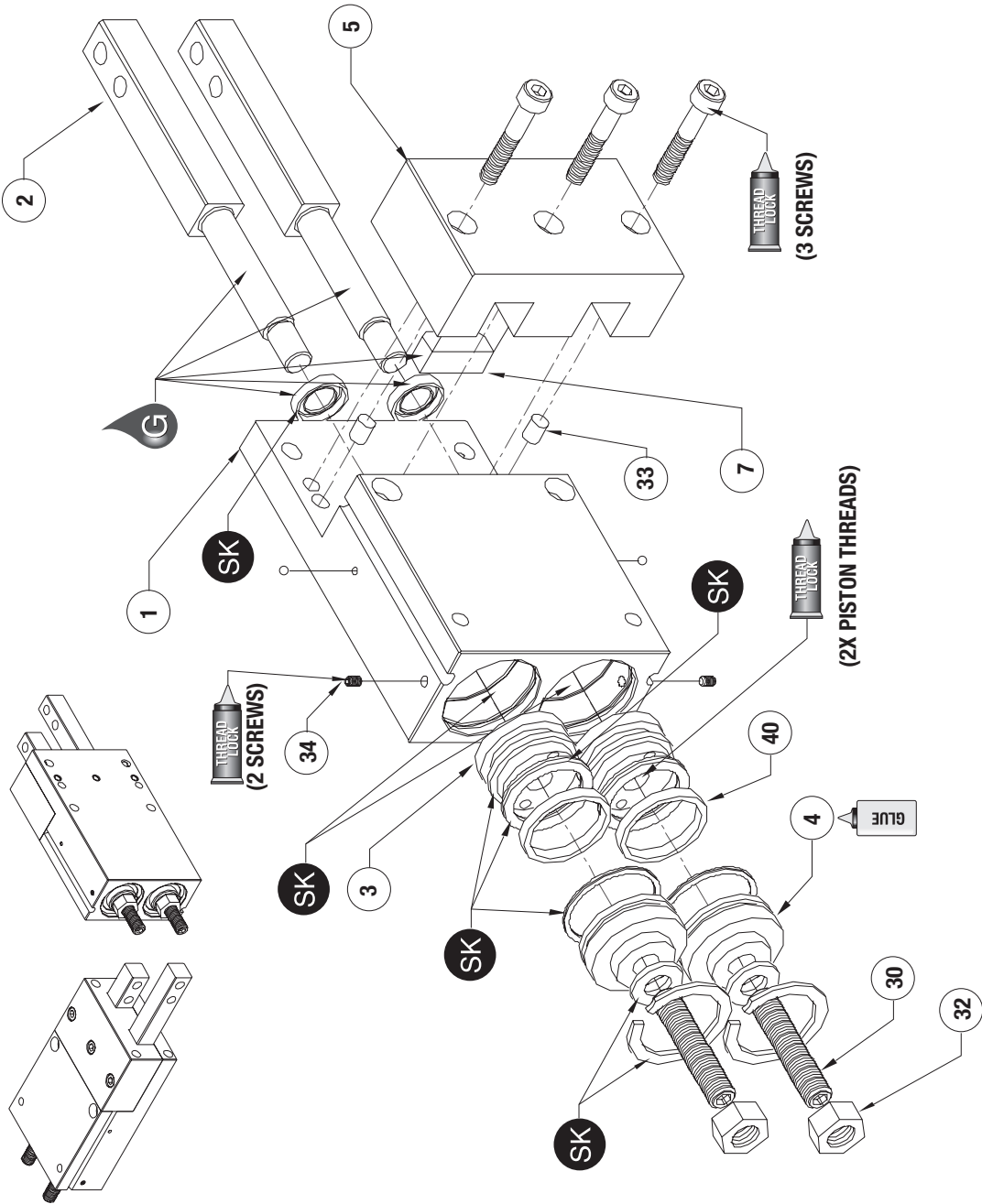
Assembly Procedure

- 1) Super bond magnet to piston.
- 2) Lubricate u-cup and install into body.
- 3) Orient fingers and slide into body.
- 4) Attach pistons to fingers in bores, using spanner.
- 5) Install caps, o-rings and adjustment screws into body with retainer ring.
- 6) Lock in caps by tightening set screws.
- 7) Press dowel pins in finger cover.
- 8) Place shuttle slug in position.
- 9) Install finger cover.

Stroke Adjustment Procedure

- 1) The stroke of each finger can be adjusted by its respective set screw (#30).
- 2) To reduce the stroke of the desired finger on retraction, tighten its respective set screw.note: stroke can only be reduced on retraction; (the finger will always extend the same distance away from the body). Stroke cannot be increased more than the value stated in the catalog.

SK Seal Repair Kit Order #s
See Product Data Sheets



SK Seal Kit Item

THREAD LOCK Thread Locker

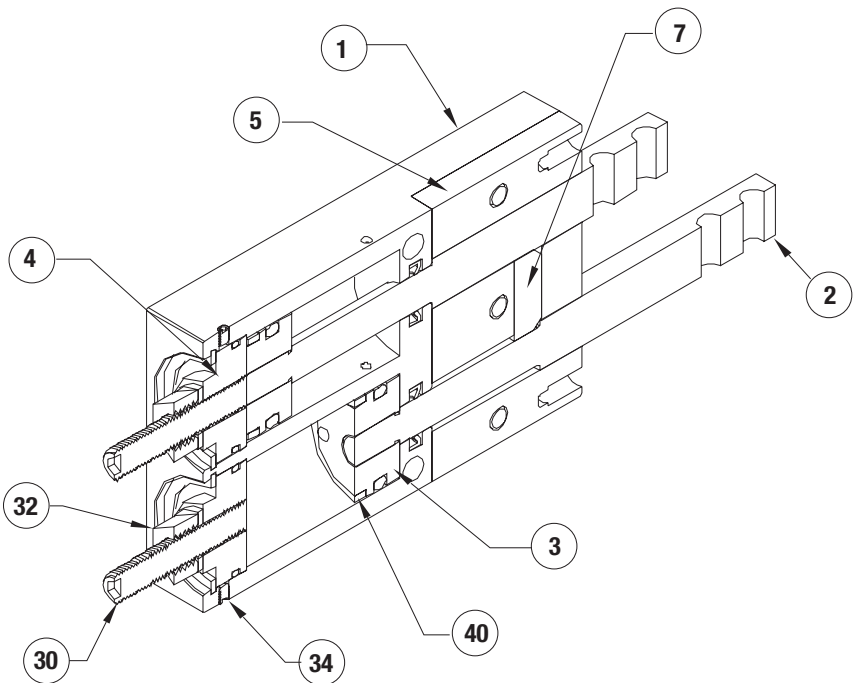
KRYTOX Lubricant

O Lightweight Machine Oil

G Teflon Based Grease

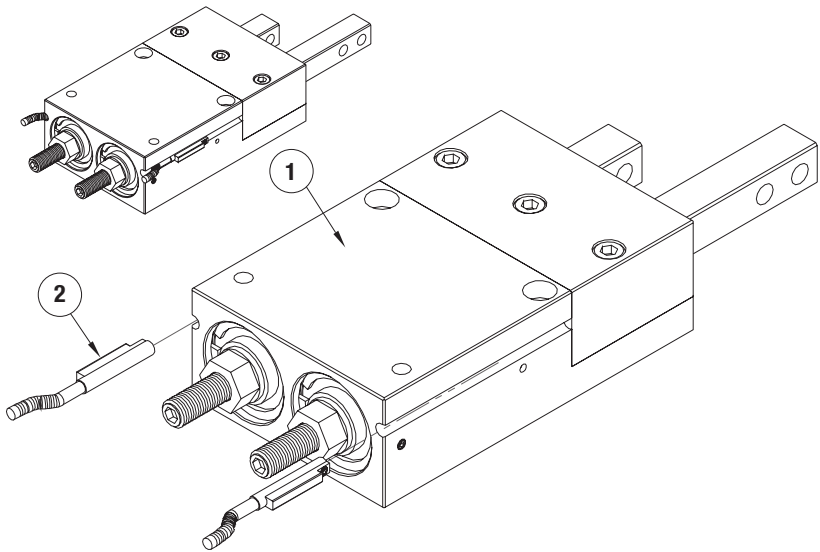
GLUE Super Bond

Third Angle Projection



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Accessory Installation & Adjustment Instructions



Sensor Installation

1. Install sensors (2) in profile slots of escapement body (1) as shown.
2. Set sensors with integrated setscrew.



Seal Kit
Items



Thread
Locker



Krytox™
Lubricant



Lightweight
Machine Oil



Teflon® Based
Grease



Super
Bonder



Third Angle
Projection

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Industries



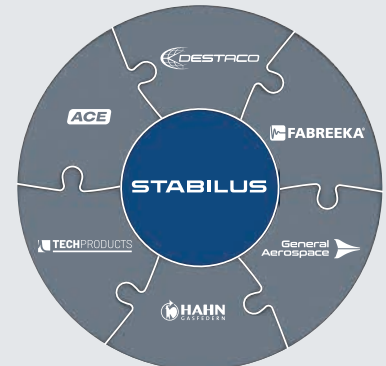
45 Locations in 19 Countries



8K Employees



2024 Revenues



Expert Brands