



ES730 SLEEVE MAINTENANCE SYSTEM INFORMATION AND OPERATION

Patents:

USA	- 11,255,192
Russia	- 2788362
India	- 202047044367
Australia	- 2019237295
South Africa	- 2020/05894



Queries?

Call/whatsapp 079 913 3123/084 510 9252

E- mail – info@phoenixeng.co.za



Easy Sleeve maintenance system components – ES730



Portable trolley:

All Easy sleeve components are attached to the trolley, keeping everything at hand and out of the dirt. Easy to pull along or 2 person carry

Part nr: 42077443



ES7300 hydraulic cylinder

Part nr: 42077419



ES7300 Sleeve installation cup (lollipop) and installation horse shoe clip

1 Part nr: 42077451

2 Part nr: 42077447



P39 hand pump assembly

Part nr: 42077437



ES7300 Sleeve extraction cup

Part nr: 42077449



ES7300 Sleeve extraction horse shoe clip

Part nr: 42077445

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Easy Sleeve maintenance system components – ES730



Part nr: 42077452

**ES7300 Safety
Cage:**

**Never apply
pressure until
the safety cage
has been
installed!!**

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Before using the Easy Sleeve maintenance system

1. Always ensure to adhere to your mines health, safety and operational procedures
2. Make your work area safe, identify and manage risks
3. Always inspect all hydraulic components before putting the system under pressure
4. If you are not sure about any operational process stop work and get help before using the system
5. The system uses hydraulic pressure to install and remove sleeves, always wear PPE and use Safety Cage when the system is being pressurized

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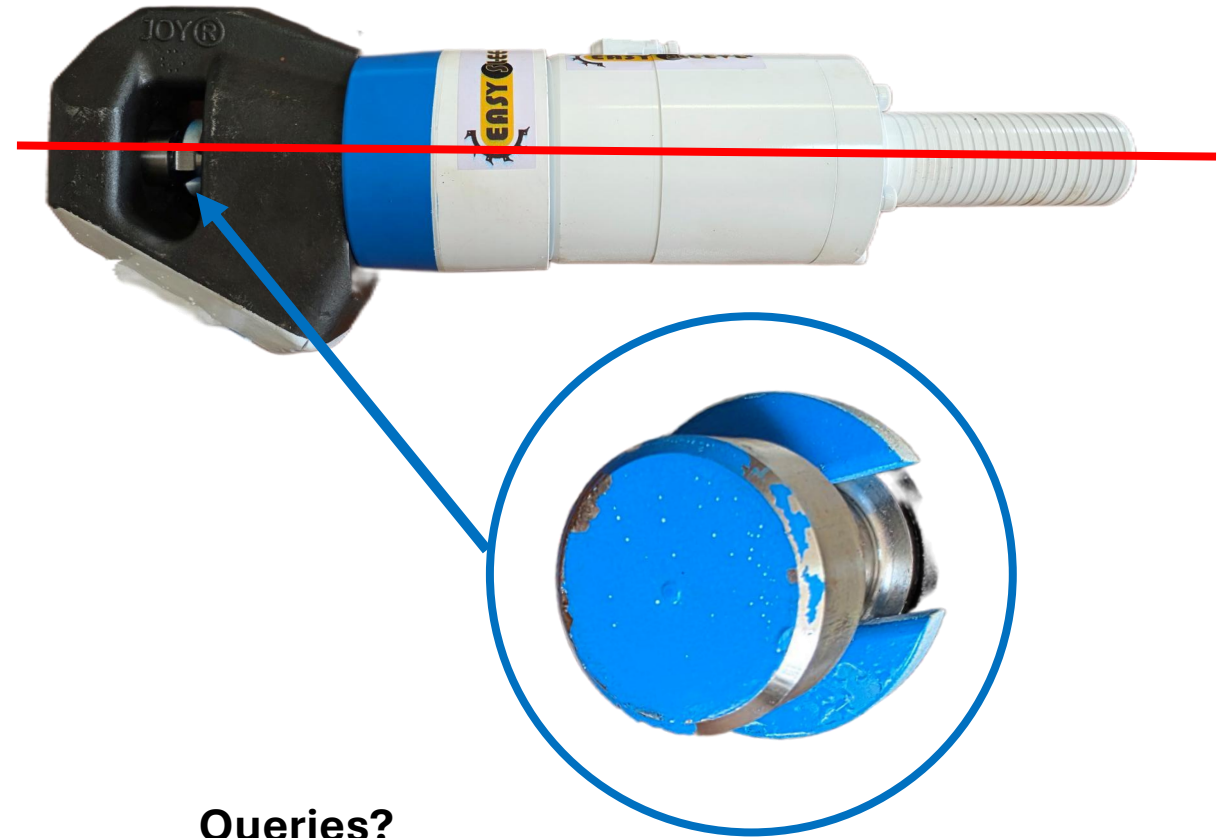


Always make sure the puller is properly lined up, all faces seat flush and blue always faces away from the hydraulic cylinder

INSTALLATION



EXTRACTION



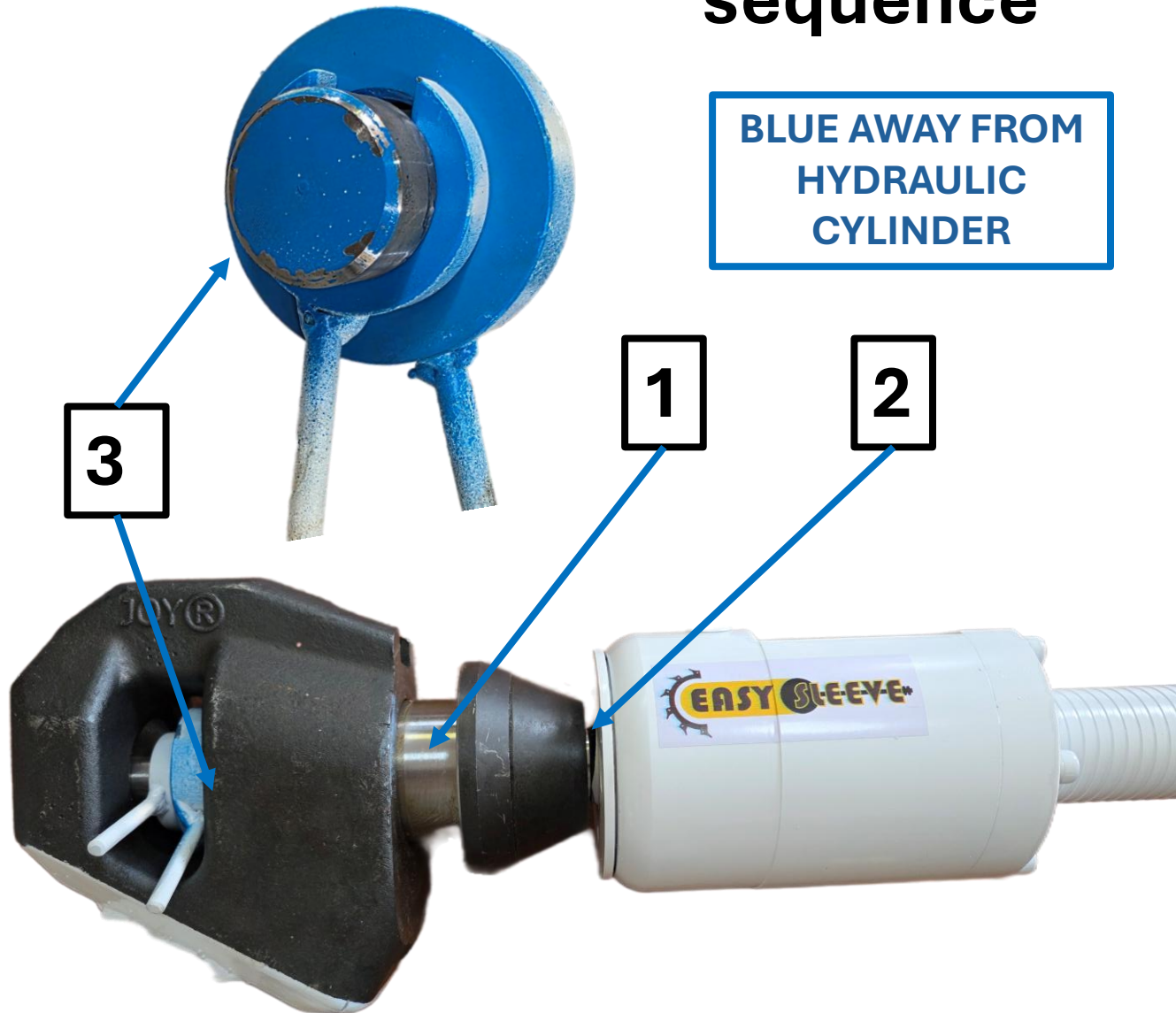
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ES730 Installation sequence



BLUE AWAY FROM
HYDRAULIC
CYLINDER

PRE-INSTALLATION

1. Make sure the pick box/sleeve are clean, smooth and lubricated with grease
2. Make sure all contact areas are seated flat against each other
3. Always ensure all green and flat faces are facing away from the hydraulic cylinder

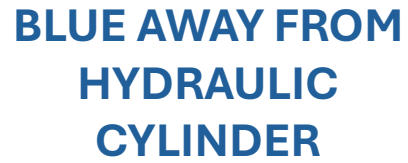
INSTALLATION

1. Insert and seat the sleeve
2. Push the hydraulic cylinder shaft completely through the sleeve and pick box
3. Insert the installation cup and horse shoe clip at the back of the pick box, flat blue faces always facing away from hydraulic cylinder
4. Install safety cage before applying pressure

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EXTRACTION

- 1. Insert and seat the extraction cup on the hydraulic cylinder and the sleeve**
- 2. Push the hydraulic cylinder shaft completely through the sleeve and pick box**
- 3. Insert the extraction horse shoe clip at the back of the sleeve and pick box**

- #### 4. Install safety cage before applying pressure

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