

Packaged Performance Products Service Parts

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C-face Compatible Units

Original design and Gen 2 Service Parts information are included on these pages.

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Enclosed UniModules

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Advanced Technology Clutches and Brakes

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Packaged Stationary Field Clutches

SFP Clutches	N/A
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Electro Pack

EP Series Base Mounted Clutch/Brakes	286
EP-C Series Ceramic Faced Base Mounted Clutch/Brakes	N/A
**EP-W Electro Pack Washdown Clutch/Brakes	N/A

Electrically Released Brakes

Spring-Set Brakes

ERS Series Static Engaged Brakes	N/A
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UNIBRAKES AC Motor Brakes	298

*Permanent Magnet Brakes

FB Series Shaft Mounted Brakes	294
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*EM

UM-FBC Series Clutch/Electrically Released Brakes	N/A
EM-FBB, EM-FBC, EM-MBFB Series Brake Modules	N/A

* It is recommended that electrically released brakes such as the EM-FBB, UM-FBC and EM or EM-MBFB not be rebuilt in the field. Specific custom-fixtures are used during factory assembly that ensure proper alignment of internal components and therefore unit function. These brakes are commonly used in applications involving personnel or equipment safety and an incorrectly rebuilt brake might result in danger to personnel or damage to expensive equipment. Therefore, replacement components are not available for these products.

** It is not possible to rebuild an EP-W unit without damage to the unit coating. Damaging the coating will leave the unit prone to water damage and/or provide access for bacteria. Therefore, replacement components for these products are not available.

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When replacing components in clutches and brakes several guidelines are appropriate. In all cases, when replacing worn friction surfaces both the components need to be replaced. In many cases, the splined hubs should be inspected and replaced if worn.

Common Replacement Practices:

EM/UM/EUM clutches

- Replace rotor and armature
- Inspect splined hub

EM/UM/EUM clutch/brakes

- Replace clutch rotor and armature
- Replace brake magnet and armature
- Inspect splined hub

EC clutches

- Replace clutch rotor and armature

EB brakes

- Replace magnet and armature

ATC clutches

- Replace clutch rotor facing and armature facing
- Inspect splined hub

ATB brakes

- Replace magnet facing and armature facing
- Inspect splined hub

Electro-Pack clutch/brake

- Replace clutch rotor and armature
- Replace brake magnet and armature
- Inspect splined hub

Electrically released brakes

- On all Electrically released brakes the magnet and armature are only sold as a matched set and must be replaced as a set.

A note on burnishing:

When new friction surfaces are installed it will be necessary to burnish the unit prior to returning to full production rates. Burnishing is the act of wearing in the friction faces to ensure full engagement and therefore full torque. Burnishing is achieved by simply cycling the unit under less than full load (machine empty, if possible). Most units will achieve full torque in less than 100 cycles. Refer to the service manual for more details.