

## Eaton Brakes Discontinued on Top Drives

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### Issue

Eaton brake calipers (Canrig P/N M16-1000-010), previously installed on Canrig top drives, have been discontinued and will no longer be available from Canrig. The alternate brake calipers, made by Mico (Canrig P/N M16-1000-020), are more readily available and have been the preferred brake calipers for new-build top drives since January 2012.

Both calipers can be used on the top drive; however, the two models utilize different fittings to connect to the brake lines. Eaton brake calipers have NPT ports, while Mico brake calipers have ORB ports. Depending on the customer's particular configuration, the brake calipers will require either two 90° elbow fittings or one 90° elbow fitting and one straight adapter to connect the brake calipers to the brake lines. Brake pads and seal kits can be used on either brake caliper.

### Fittings

#### Eaton Calipers

##### NPT Fittings

When installing an Eaton brake caliper (Canrig P/N M16-1000-010), the following fittings are required to connect the calipers to the brake lines:

- Straight Fitting: Canrig P/N H15-2001-04-02; ADAPTER, MALE  $\frac{1}{4}$  ORFS, MALE  $\frac{1}{8}$  NPT
- 90-Degree Elbow Fitting: Canrig P/N H15-2000-04-02; ELL 90°, MALE  $\frac{1}{4}$  ORFS, MALE  $\frac{1}{8}$  NPT

#### Mico Calipers

##### ORB Fittings

When installing a Mico brake caliper (Canrig P/N M16-1000-020), the following fittings are required to connect the calipers to the brake lines:

- Straight Fitting: Canrig P/N H15-520120-04-04; ADAPTER, MALE  $\frac{1}{4}$  ORFS, MALE  $\frac{1}{4}$  ORB
- 90-Degree Elbow Fitting: Canrig P/N H15-520220-04-04; ELL 90°, MALE  $\frac{1}{4}$  ORFS, MALE  $\frac{1}{4}$  ORB



Note: Two elbows are supplied with Mico brake calipers.

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## Existing Spares

### Eaton Calipers

- If replacing a used Eaton caliper with a new Eaton caliper, reuse the NPT fittings from the used brake caliper.
- If replacing an existing Mico caliper with a spare Eaton caliper, use the NPT fittings listed in “NPT Fittings” on page 1.



Note: If NPT fittings are not on hand, the customer must order them.

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### Mico Calipers

- If replacing a used Mico caliper with a new Mico caliper, either use the ORB fittings supplied with the caliper, or reuse the fittings from the used caliper.
- If replacing an existing Eaton caliper with a spare Mico caliper, use the ORB fittings listed in “ORB Fittings” on page 1.