Brake Lever

Over Center Locking Hand Control

Cablecraft® park brake levers offer superior performance, quality and service life to both the designer and user.

- Two distinct lever positions – Over center and off, which are approximately 90° apart
- No ratcheting to limit travel or secondary unlocking required for operation
- Heat-treated 4130 load link provides durability and reliability
- Adjusting knob allows for setting the initial cable tension, travel, and compensates for system wear
- Adaptable with side or flange mount configurations
- Input lever and side plates have an epoxy finish or electro-static paint, and all other components are coated for corrosion resistance
- Optional tamper-resistant knob to inhibit unauthorized adjustment
- Optional weather-resistant switch at the off position
- Supplied with hardware necessary to attach the cable end fittings to the load link
- Loads of up to 1,000 lb.
- Travel range is 2-7/16” maximum

Material:
- Nylon covered innermember
- Plastic covered conduit
- Stainless steel

<table>
<thead>
<tr>
<th>Cablecraft® Lever</th>
<th>Innermember Fitting</th>
<th>Conduit Fitting</th>
<th>Dimension</th>
</tr>
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<tr>
<td></td>
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<td>CS550</td>
<td>073</td>
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<td></td>
<td>072</td>
<td>062</td>
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</table>

1. Dimension A is with the lever in full “OFF” position. Use dimension A in calculating cable length.
2. Dimension B minimum is with the lever in full “ON” position and adjusted for minimum (CCW) travel. Use dimension B minimum during installation and initial adjustment. Turn knob (CW) to add travel and increase brake pressure setting.
3. Dimension B maximum is with the lever in full “ON” position and adjusted for maximum (CW) travel.

Cablecraft® Motion Controls

Connecting a World in Motion
**Side Mount 165-508-008**

2.5 inches (64mm) wide side plates; one cable, with three alternate sets of cable clamp holes. For cowl, instrument panel, seat riser or frame installation.

**Kit B815** — supplied with the following hardware:
- Clevis pin
- Cotter pin
- Washer
- Mounting spacers (2)
- Cable clamp
- Clamp base
- Clamp spacers (2)

**Side Mount 165-508-009**

2.5 inches (64mm) wide side plates; one cable. For cowl, instrument panel, seat riser or frame installation. No cable support.

**Kit B816** — supplied with the following hardware:
- Clevis pin
- Cotter pin
- Washer
- Mounting spacers (2)

**Flange Mount 165-508-010**

2.5 inches (64mm) wide side plates; one cable. For bulkhead floor or island (doghouse) installation. The rigid frame maintains alignment of clevis pin guide slots for improved life of both the pin and side plates.

**Kit B817** — supplied with the following hardware:
- Clevis pin
- Cotter pin
- Washer
- Cable clamp
- Clamp base
- 5/16-24 Bolts (2) nuts (2)
**Side Mount 165-508-011**

1.5 inches (38mm) wide side plates; one cable. For cowl, instrument panel, seat riser or frame installation.

**Kit B834** — supplied with the following hardware:
- Clevis pin
- Cotter pin
- Washer
- Mounting spacers (2)
- Cable clamp

![Diagram of Side Mount 165-508-011](image)

**Side Mount 165-508-013**

2.5 inches (64mm) wide side plates; two cables. For cowl, instrument panel, seat riser or frame installation. **NOTE:** When considering load requirements, the load on the lever assembly will be the sum of the load in each cable.

**Kit B835** — supplied with the following hardware:
- Clevis pins (2)
- Cotter pins (2)
- Washers (2)
- Mounting spacers (2)
- Cable clamps

![Diagram of Side Mount 165-508-013](image)

**Flange Mount Rigid 165-508-023**

1.5 inches (38mm) wide side plates; one cable. For cowl, instrument panel, seat riser or frame installation.

**Kit B837** — supplied with the following hardware:
- Clevis pin
- Cotter pin
- Washer
- Mounting spacers (2)
- Cable clamp
- Clamp spacers (2)

![Diagram of Flange Mount Rigid 165-508-023](image)
Brake Lever

**Side Mount 165-508-028**

1.5 inches (38mm) wide side plates; one cable.
For cowl, instrument panel, seat riser or frame installation.

**Kit B837** — supplied with the following hardware:

- Clevis pin
- Cotter pin
- Washer
- Mounting spacers (2)
- Cable clamp
- Clamp spacers (2)

**Flange Mount 165-508-078**

2.5 inches (64mm) wide side plates; two cables. For bulkhead, floor or island (doghouse) installation. NOTE: When considering load requirements, the load on the lever assembly will be the sum of the load in each cable. Wing flange mounting.

**Kit B835** — supplied with the following hardware:

- Clevis pins (2)
- Cotter pins (2)
- Washers (2)
- Mounting spacers (2)
- Cable clamps

**Distributed by:**

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Motion Controls

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**Warning:** Since the manufacturer is unable to determine all applications in which a part may be placed, it is the user's responsibility to determine the suitability of the part for its intended use. This is especially true where safety is a factor. Incorrect application or installation may result in property damage, bodily injury, or death. For technical assistance, call 260-749-5105.