LENCO

WE MAKE
THE BEST BOATS
BETTER!

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What makes Lenco Marine different:

▌Company Philosophy

Here at Lenco Marine, we have a passion that can't be taught – it's a commitment to producing quality products and providing excellent customer service that is shared by each and every member of the Lenco team. We work hard every day and are proud to deliver exciting, dependable, environmentally friendly products that will make your time on the water as enjoyable as it should be. Our dedication to quality and attention to detail give every member of the Lenco team the confidence to say, "We make the best boats better!"

▌Customer Service

We pride ourselves on providing superior customer experiences. Our Warranty & Technical Support Team are here to handle all Customer requests directly through our factory. Troubleshooting help, part number assistance, warranty claim processing & much more are just a phone call away. We are also proud to announce, as of April 1st, 2019, we have extended our 3 year warranty coverage to 5 years for all standard trim tab applications.

▌Product Selection

Lenco Marine is the true industry leader in the marine and boating world, manufacturing not only trim tabs but also electric actuators, hatch lifts, switches and the Auto Glide boat leveling system

▌Worldwide Access to Product

A distribution network in multiple countries provides access to products when they are needed

▌Information

24-hour access to product information, selection tools, and technical articles online at lencomarine.com

▌Quality

Our consistent commitment to producing only the highest quality products has proven to be an essential ingredient for the continued growth of the company

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Heavy-Duty Trim Tab Kits

The largest and strongest HD Trim Tab Series. Similar to our 10-gauge HD systems, this series was engineered using 7-gauge 1/4" thick stainless steel blades. While using a single actuator application, these systems perform best on larger vessels, including commercial applications, and go fast boats. Boat Lengths 24' (7.3 m) to 46' (14 m)

15162-103 Boat Length: 24' (7.3m) to 42' (12.8m)
15163-103 Boat Length: 28' (8.5m) to 46' (14m)

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Heavy-Duty Trim Tab Kits

This Heavy Duty system is similar to our 7-gauge system, but with a wider trailing edge profile giving it a larger surface area when making trim adjustments. The sides and back edges of this blade are bent up at 90 degrees providing added strength to the blade. This HD system is engineered for boats that need strength along with extra lift from the wider trailing edge profile. Boat Lengths 23' (7.01m) to 50' (15.24 m)

15164-103 Boat Length: 23' (7.1m) to 45' (13.7m)
15165-103 Boat Length: 25' (7.6m) to 50' (15.24m)

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ELECTRIC TRIM TAB KITS

Standard Mount Kits

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Ideal for most common style boats from center console fishing boats to cuddy cabin cruisers. Boat lengths 14' (4.3 m) to 69' (21 m).

Edge Mount Kits

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Designed for boat applications where a lower actuator mounting height is desirable.

Limited Space Kits

13

Engineered to fit behind ladders. This unique design gives you all the benefits of a standard tab in an ultra compact design.

Airboat Kits

13

The world's first Airboat specific design. The planing surface provides greater lift and less drag. Engineered to prevent the tab from digging in during hard turns resulting in a safer ride.

Lenco Electric Trim tabs

Trim tabs make the single most important difference in the way your boat rides and performs. They are optional on some boats but should be as standard as power trim and tilt. Lenco trim tabs make your boat ride smoother, drier, faster and with increased safety whether on a small skiff or a mega-yacht.

INSTANT RESPONSE **FUEL EFFICIENT** **100% ELECTRIC** **ECO FRIENDLY** **PLUG & PLAY** **AUTO GLIDE COMPATIBLE** **MADE IN THE USA**

ELECTRIC TRIM TAB KITS

High Performance Kits

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The Heavy Duty series is designed & built for the boats that need extra strength to support them in rougher water at higher speeds.

Super Strong Kits

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This Super Strong design is for sport fishing, large cruising and commercial vessels.

Heavy Duty (HD) Kits

NEW

19

The Heavy Duty Kits are designed for the most extreme conditions. These systems come equipped with the new Heavy Duty Actuator.
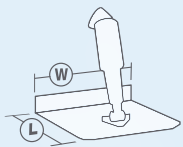
Standard Mount Trim Tab Kits
12V System

The series that started the electric revolution! Our original Trim Tab design and still the most popular series we build. Ideal for most common style boats from center console fishing boats to cuddy cabin cruisers. Boat lengths 14' (4.3 m) to 69' (21 m)

15001-101

Blades are constructed of 12-gauge (2.7 mm) laser cut 304 stainless steel with a 5/8" (1.6 cm) flared trailing edge & 1/8" (3.2 mm) diameter hinge pin. Upper and lower high impact corrosion proof mounting brackets with mechanical cable gland seal.
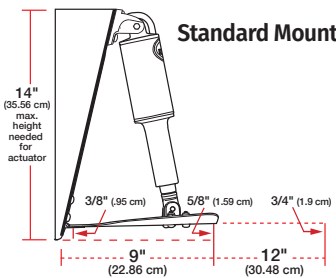
SIZE DESCRIPTION
Ⓛ = Length of tab
Ⓦ = Width of hinge

Size description to be used with chart below.

Kits include:
- (2) 12-gauge stainless steel standard finish blades
- (2) 15054-001 actuators with 6' (1.8 m) leads and Deutsch connectors
- (2) 30133-103 actuator extension wiring harnesses - 20' (6.1 m) length
- (2) 15085-001 upper mounting brackets with gland seal
- (2) 50014-001 lower mounting brackets
- Lenco owner's/installation manual
- Stainless steel mounting hardware

Standard Mount

14" (35.56 cm) max. height needed for actuator

3/8" (.95 cm)   5/8" (1.59 cm)   3/4" (1.9 cm)
9" (22.86 cm)   12" (30.48 cm)

Retail Box
See check-list below

Part #	L" X W"	Boat Length	Hinge Height	Min Transom Height	Retail Box
15000-101	9" x 9"	14'–18'	2" (5.1 cm)	14" (35.6 cm)	Yes
15001-101	9" x 12"	16'–25'	2" (5.1 cm)	14" (35.6 cm)	Yes
15002-101	9" x 18"	22'–30'	2" (5.1 cm)	14" (35.6 cm)	–
15003-101	9" x 24"	26'–40'	1" (2.5 cm)	14" (35.6 cm)	–
15004-101	9" x 30"	30'–50'	1" (2.5 cm)	14" (35.6 cm)	–
15005-101	9" x 36"	34'–65'	1" (2.5 cm)	14" (35.6 cm)	–
15007-101	12" x 12"	17'–30'	2" (5.1 cm)	14" (35.6 cm)	Yes
15008-101	12" x 18"	26'–36'	2" (5.1 cm)	14" (35.6 cm)	–
15009-101	12" x 24"	30'–44'	1" (2.5 cm)	14" (35.6 cm)	–
15010-101	12" x 30"	34'–54'	1" (2.5 cm)	14" (35.6 cm)	–
15011-101	12" x 36"	38'–69'	1" (2.5 cm)	14" (35.6 cm)	–

Switch kits sold separately
See pages 30–32

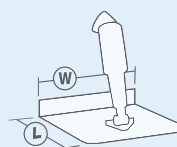## Electro-Polished Standard Mount Trim Tab Kits
12V System

All the same features of the Standard Mount series with the addition of Electro-Polished blades. Electro-Polish adds a mirror finish and the ultimate corrosion protection. Boat lengths 16' (4.9 m) to 30' (9.1 m)

15113-101

Blades are constructed of Electro-Polished 12-gauge (2.7 mm) laser cut 304 stainless steel with a 5/8" (1.6 cm) flared trailing edge & 1/8" (3.2 mm) diameter hinge pin. Upper and lower high impact corrosion proof mounting brackets with mechanical cable gland seal.
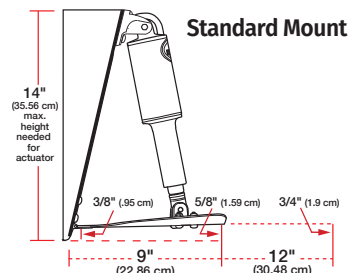
SIZE DESCRIPTION
Ⓛ = Length of tab
Ⓦ = Width of hinge

Size description to be used with chart below.

Kits include:
- (2) 12-gauge stainless steel Electro-Polished blades
- (2) 15054-001 actuators with 6' (1.8 m) leads and Deutsch connectors
- (2) 30133-103 actuator extension wiring harnesses - 20' (6.1 m) length
- (2) 15085-001 upper mounting brackets with gland seal
- (2) 50014-001 lower mounting brackets
- Lenco owner's/installation manual
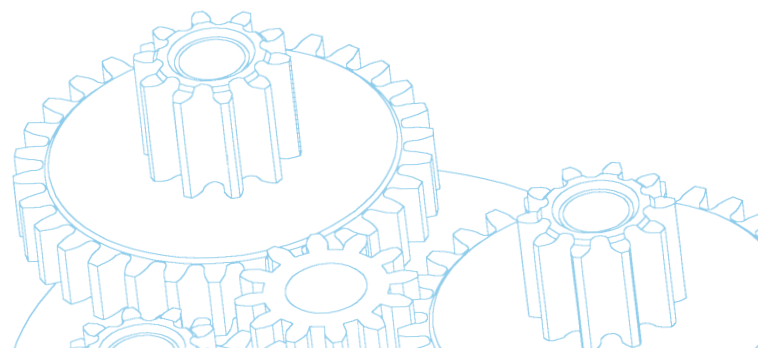- Stainless steel mounting hardware

Standard Mount

14" (35.56 cm) max. height needed for actuator

3/8" (.95 cm)   5/8" (1.59 cm)   3/4" (1.9 cm)
9" (22.86 cm)   12" (30.48 cm)

Retail Box
See check-list below

Part #	L" X W"	Boat Length	Hinge Height	Min Transom Height	Retail Box
15113-101	9" x 12"	16'–25'	2" (5.1 cm)	14" (35.6 cm)	Yes
15114-101	12" x 12"	17'–30'	2" (5.1 cm)	14" (35.6 cm)	Yes

Switch kits sold separately
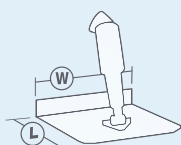See pages 30–32

Edge Mount Trim Tab Kits
12V System

Designed for boat applications where a lower actuator mounting height is desirable. Actuator mounts at the trailing edge of the blade giving it a ½" (1.3 cm) lower mounting height on 9" (22.9 cm) long blades & 3" (7.6 cm) lower mounting height on 12" (30.5 cm) long blades. All edges are turned up for added strength and style. Boat lengths 14' (4.3 m) to 36' (11 m)

15016-101

Blades are constructed of 12-gauge (2.7 mm) laser cut 304 stainless steel with 1" (2.5 cm) turned up edges and a 5 degree taper on both sides to the trailing edge, & 1/8" (3.2 mm) diameter hinge pin. Upper and lower high impact corrosion proof mounting brackets with mechanical cable gland seal.
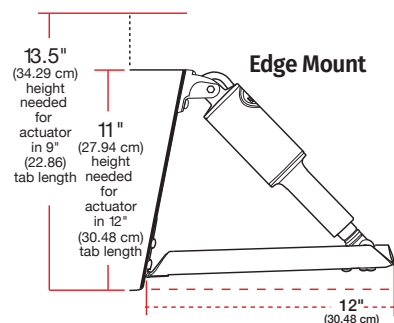
SIZE DESCRIPTION

Ⓛ = Length of tab

Ⓦ = Width of hinge

Size description to be used with chart below.

Kits include:
- (2) 12-gauge stainless steel standard finish blades
- (2) 15054-001 actuators with 6' (1.8 m) leads and Deutsch connectors
- (2) 30133-103 actuator extension wiring harnesses - 20' (6.1 m) length
- (2) 15085-001 upper mounting brackets with gland seal
- (2) 50014-001 lower mounting brackets
- Lenco owner's/installation manual
- Stainless steel mounting hardware

13.5" (34.29 cm) height needed for actuator in 9" (22.86) tab length

11" (27.94 cm) height needed for actuator in 12" (30.48 cm) tab length

Edge Mount

12" (30.48 cm)

Retail Box
See check-list below

Part #	L" X W"	Boat Length	Hinge Height	Min. Transom Height	Retail Box
15013-101	9" x 9"	14'–18'	2" (5.1 cm)	13.5" (34.3 cm)	Yes
15014-101	9" x 12"	16'–25'	2" (5.1 cm)	13.5" (34.3 cm)	Yes
15015-101	12" x 9"	14'–18'	2" (5.1 cm)	11" (27.9 cm)	Yes
15016-101	12" x 12"	17'–30'	2" (5.1 cm)	11" (27.9 cm)	Yes
15017-101	12" x 18"	26'–36'	2" (5.1 cm)	11" (27.9 cm)	–

Switch kits sold separately
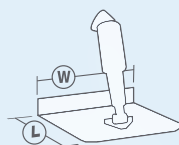
Electro-Polished Edge Mount Trim Tab Kits
12V System

All the same features of the Edge Mount series with the addition of Electro-Polished blades. Electro-Polish adds a mirror finish and the ultimate corrosion protection. Actuator mounts at the trailing edge of these 12" (30.5 cm) blades giving them a 3" (7.6 cm) lower mounting height. Boat Lengths 14' (4.3 m) to 30' (9.1 m)

15116-101

Blades are constructed of Electro-Polished 12-gauge (2.7 mm) laser cut 304 stainless steel with a 1" (2.5 cm) turned up edges and a 5 degree taper on both sides to the trailing edge & 1/8" (3.2 mm) diameter hinge pin. Upper and lower high impact corrosion proof mounting brackets with mechanical cable gland seal.
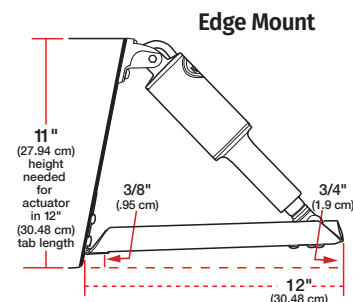
SIZE DESCRIPTION

Ⓛ = Length of tab

Ⓦ = Width of hinge

Size description to be used with chart below.

Kits include:
- (2) 12-gauge stainless steel Electro-Polished blades
- (2) 15054-001 actuators with 6' (1.8 m) leads and Deutsch connectors
- (2) 30133-103 actuator extension wiring harnesses - 20' (6.1 m) length
- (2) 15085-001 upper mounting brackets with gland seal
- (2) 50014-001 lower mounting brackets
- Lenco owner's/installation manual
- Stainless steel mounting hardware

11" (27.94 cm) height needed for actuator in 12" (30.48 cm) tab length

3/8" (.95 cm)

3/4" (1.9 cm)

Edge Mount

12" (30.48 cm)

Retail Box
See check-list below

Part #	L" X W"	Boat Length	Hinge Height	Min Transom Height	Retail Box
15115-101	12" x 9"	14'–18'	2" (5.1 cm)	11" (27.9 cm)	Yes
15116-101	12" x 12"	17'–30'	2" (5.1 cm)	11" (27.9 cm)	Yes

Switch kits sold separately
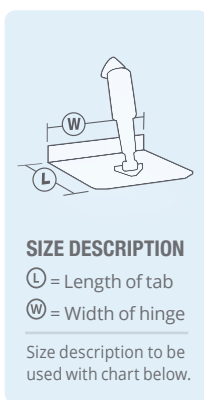
Complete Standard Trim Tab Kits
12V System

Everything you need in one box! The Standard trim tab kit with the added benefit of having the integrated switch choice & power connector all included. Boat lengths 16' (4.9 m) to 30' (9.1 m)

3 switches to choose from:

Double Rocker   Standard Integrated   LED Integrated

Blades are constructed of 12-gauge (2.7 mm) laser cut 304 stainless steel with a 5/8" (1.6 cm) flared trailing edge & 1/8" (3.2 mm) diameter hinge pin. Upper and lower high impact corrosion proof mounting brackets with mechanical cable gland seal. Switch included.

SIZE DESCRIPTION
Ⓛ = Length of tab
Ⓦ = Width of hinge

Size description to be used with chart below.

Kits include:
- (1) Switch Kit - Choose Double Rocker, Standard Integrated or LED Integrated
- (2) 12-gauge stainless steel standard finish blades
- (2) 15054-001 actuators with 6' (1.8 m) leads and Deutsch connectors
- (2) 30133-103 actuator extension wiring harnesses - 20' (6.1 m) length
- (2) 15085-001 upper mounting brackets with gland seal
- (2) 50014-001 lower mounting brackets
- Lenco owner's/installation manual
- Stainless steel mounting hardware

Standard Mount

14" (35.56 cm) max. height needed for actuator

3/8" (.95 cm)   5/8" (1.59 cm)   3/4" (1.9 cm)

9" (22.86 cm)   12" (30.48 cm)

Retail Box
Packaged with all kits shown

Part #	L" X W"	Kit Description	Switch Kit Included
15101-104	9" x 12"	Standard	Double Rocker Switch
15104-102	9" x 12"	Standard	Standard Integrated Switch
15108-103	9" x 12"	Standard	LED Integrated Switch
15103-104	12" x 12"	Standard	Double Rocker Switch
15105-102	12" x 12"	Standard	Standard Integrated Switch
15109-103	12" x 12"	Standard	LED Integrated Switch

Complete Edge Mount Trim Tab Kits
12V System

Everything you need in one box! The Edge Mount trim tab kit with the added benefit of having the integrated switch choice & power connector all included. Boat lengths 17' (5.2 m) to 30' (9.1 m)

3 switches to choose from:

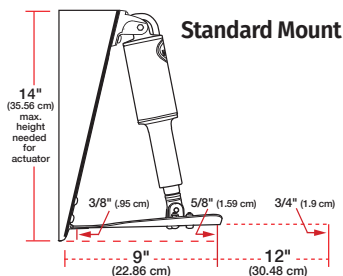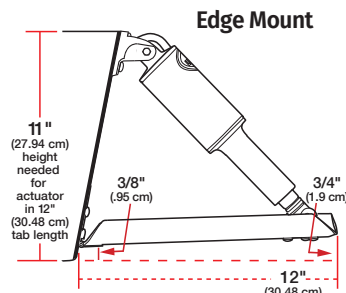Double Rocker   Standard Integrated   LED Integrated

Blades are constructed of 12-gauge (2.7 mm) laser cut 304 stainless steel with a 1" (2.5 cm) turned up edges and a 5 degree taper on both sides to the trailing edge & 1/8" (3.2 mm) diameter hinge pin. Upper and lower high impact corrosion proof mounting brackets with mechanical cable gland seal. Switch included.

SIZE DESCRIPTION
Ⓛ = Length of tab
Ⓦ = Width of hinge

Size description to be used with chart below.

Kits include:
- (1) Switch Kit - Choose Double Rocker, Standard Integrated or LED Integrated
- (2) 12-gauge stainless steel standard finish blades
- (2) 15054-001 actuators with 6' (1.8 m) leads and Deutsch connectors
- (2) 30133-103 actuator extension wiring harnesses - 20' (6.1 m) length
- (2) 15085-001 upper mounting brackets with gland seal
- (2) 50014-001 lower mounting brackets
- Lenco owner's/installation manual
- Stainless steel mounting hardware

Edge Mount

11" (27.94 cm) height needed for actuator in 12" (30.48 cm) tab length

3/8" (.95 cm)   3/4" (1.9 cm)

12" (30.48 cm)

Retail Box
Packaged with all kits shown

Part #	L" X W"	Kit Description	Switch Kit Included
15102-104	12" x 12"	Edge Mount	Double Rocker Switch
15106-102	12" x 12"	Edge Mount	Standard Integrated Switch
15110-103	12" x 12"	Edge Mount	LED Integrated Switch

LS-Limited Space Trim Tab Kits
### 12V System TWO STYLES TO CHOOSE FROM

Engineered to fit behind ladders. This unique design gives you all the benefits of a standard tab in an ultra compact design. These kits are updated with 11-gauge stainless steel blades. Boat lengths 14' (4.3 m) to 25' (7.6 m)

15125-101
Standard Actuator

15088-101
XDS Actuator

4" X 12" Tab Size

4" X 12" Tab Size

Blades are constructed of a stronger 11-gauge laser cut 304 stainless steel and 3/8" (9.5 mm) diameter hinge pin. Upper and lower high impact corrosion proof mounting brackets with mechanical cable gland seal.

SIZE DESCRIPTION
Ⓛ = Length of tab
Ⓦ = Width of hinge
Size description to be used with chart below.

Kits include:
- (2) 11-gauge stainless steel blades with option of standard finish or electro-polished finish
- (2) actuators with 6' (1.8 m) lead and Deutsch connectors
- (2) 30133-103 actuator extension wiring harnesses - 20' (6.1 m) length
- (2) 15085-001 upper mounting brackets with gland seal
- Lower mounting brackets included
- Lenco owner's/installation manual
- Stainless steel mounting hardware
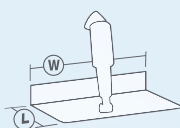
Part #	L" X W"	Min. Transom Height	Hinge Height	Actuators In Kit	Blade Finish
15125-101	4" x 12"	14.5" (36.8 cm)	2" (5.1 cm)	15054-001	Standard
15126-101	4" x 12"	14.5" (36.8 cm)	2" (5.1 cm)	15054-001	Electro-Polished
15052-101	4" x 12"	13" (33 cm)	2" (5.1 cm)	15057-001	Standard
15088-101	4" x 12"	13" (33 cm)	2" (5.1 cm)	15057-001	Electro-Polished

Switch kits sold separately
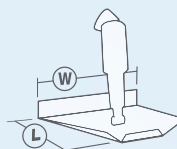
Airboat Trim Tab Kit
12V System

The world's first Airboat specific design. The planing surface provides greater lift and less drag. Engineered to prevent the tab from digging in during hard turns resulting in a safer ride

15112-101
shown here

Retracted

Extended

Blade is constructed of 12-gauge (2.7 mm) laser cut 304 stainless steel with a welded on stainless steel adjustable lower actuator mounting bracket & 1/8" (3.2 mm) diameter hinge pin. High impact corrosion proof upper mounting bracket with mechanical cable gland seal.

SIZE DESCRIPTION
Ⓛ = Length of tab
Ⓦ = Width of hinge
Size description to be used with chart below.

Kit includes:
- (1) 12-gauge stainless steel standard finish blade with 2" (5.1 cm) hinge height
- (1) actuator with 6' (1.8 m) lead and Deutsch connector
- (1) 30133-002 actuator extension wiring harness - 14' (4.3 m) length
- (1) 15085-001 upper mounting bracket with gland seal
- Lower mounting bracket included
- Lenco owner's/installation manual
- Stainless steel mounting hardware

Part #	L" X W"	Actuator In Kit	Description
15112-101	9" x14"	15055-001	Airboat Kit without Switch

Special Airboat Switch sold separately

Airboat Trim Tab Switch
Recommended (See page 32)

Airboat Single Rocker Switch with Deutsch Receptacle. & (2) 30" (76.2 cm) Non-Terminated Power Leads - Clamshell Packaged

Part #	Description
15095-001	Airboat Trim Tab Switch

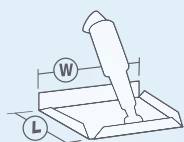# Standard Performance Trim Tab Kits
12V System

Our first series designed specifically for performance. This system comes equipped with a thicker reinforced hinge and complimented with an Electro-Polished finish for added quality and protection.
Boat lengths 13' (4 m) to 40' (12.2 m)

15037-101
Electro-Polished

Blades are constructed of Electro-Polished 12-gauge (2.7 mm) laser cut 304 stainless steel with 1" (2.5 cm) turned up edges and a 5 degree taper on the inside, heavy duty hinge with 1/4" (6.4 mm) diameter hinge pin.

SIZE DESCRIPTION
Ⓛ = Length of tab
Ⓦ = Width of hinge
Size description to be used with chart below.

Kits include:
- (2) 12-gauge stainless steel Electro-Polished blades
- (2) 15054-001 actuators with 6' (1.8 m) leads & Deutsch connectors
- (2) 30133-103 actuator extension wiring harnesses - 20' (6.1 m) length
- (2) 15085-001 upper mounting brackets with gland seal
- (2) 50014-001 lower mounting brackets
- Lenco owner's/installation manual
- Stainless steel mounting hardware

Part #	L" X W"	Boat Length	Hinge Height	Min. Transom Height
15034-101	9" x 9"	13'–20'	2" (5.1 cm)	13.5" (34.3 cm)
15035-101	9" x 12"	16'–26'	2" (5.1 cm)	13.5" (34.3 cm)
15036-101	12" x 9"	16'–26'	2" (5.1 cm)	11" (27.9 cm)
15037-101	12" x 12"	18'–32'	2" (5.1 cm)	11" (27.9 cm)
15038-101	14" x 12"	19'–34'	2" (5.1 cm)	11" (27.9 cm)
15039-101	16" x 12"	20'–36'	2" (5.1 cm)	11" (27.9 cm)
15040-101	18" x 14"	22'–40'	2" (5.1 cm)	11" (27.9 cm)

Switch kits sold separately

Heavy Duty (HD) Performance Trim Tab Kits
12V System

The Heavy Duty series is designed & built for the boats that need extra strength to support them in rougher water at higher speeds.
Boat lengths 18' (5.5 m) to 42' (12.8 m)

15043-101
Electro-Polished

Blades are constructed of Electro-Polished 12-gauge (2.7 mm) laser cut 304 stainless steel with 1" (2.5 cm) turned up edges and a 5 degree taper on the inside, heavy duty hinge with 1/4" (6.4 mm) diameter hinge pin. Full transom back plate with welded on stainless steel upper & adjustable lower actuator mounting brackets, 5/16" (.8 cm) stainless steel mounting bolts & mechanical strain-relief cable seals. 3.75" (9.5 cm) sacrificial anodes installed.
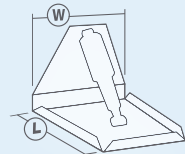
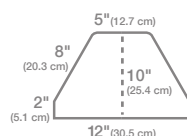**SIZE DESCRIPTION**
Ⓛ = Length of tab
Ⓦ = Width of hinge
Size description to be used with chart below.

Kits include:
- (2) 12-gauge stainless steel Electro-Polished blades
- (2) 15055-001 XD Extreme Duty actuators with 6' (1.8 m) leads & Deutsch connectors
- (2) 30133-103 actuator extension wiring harnesses - 20' (6.1 m) length
- Lenco owner's/installation manual
- **Note: Boat-mounting hardware to be supplied by the customer**
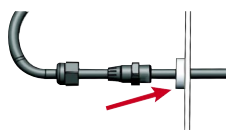
SHIPPED FULLY ASSEMBLED

Back Plate Dimensions

5"(12.7 cm) — 8"(20.3 cm) — 10"(25.4 cm) — 2"(5.1 cm) — 12"(30.5 cm)
15041-101
15042-101
15043-101
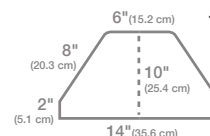
6"(15.2 cm) — 8"(20.3 cm) — 10"(25.4 cm) — 2"(5.1 cm) — 14"(35.6 cm)
15044-101

The actuator leads pass through the water-tight mechanical strain-relief cable seal and the back plate before passing through the transom. This applies to all products with back plates.

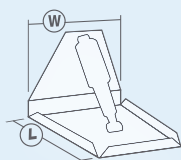| Part #	L" X W"	Boat Length	Min. Transom Height
15041-101	12" x 12"	18'–34'	10.5" (26.7 cm)
15042-101	14" x 12"	19'–36'	10.5" (26.7 cm)
15043-101	16" x 12"	20'–38'	10.5" (26.7 cm)
15044-101	18" x 14"	22'–42'	10.5" (26.7 cm)

Switch kits sold separately

Extreme Duty (XD) Performance Trim Tab Kit
12V System / Single Actuator

The only single actuator Extreme Duty design offered. This kit is similar to our Heavy Duty Performance series with a thicker, stronger blade for those boaters who run hard in extreme conditions. Boat lengths 20' (6.1 m) to 40' (12.2 m)

15045-101
Electro-Polished

Blades are constructed of Electro-Polished 10-gauge (3.4 mm) laser cut 304 stainless steel with 1" (2.5 cm) turned up edges and a 5 degree taper on the inside, heavy duty hinge with 3/8" (9.5 mm) diameter hinge pin. Full transom back plate with mechanical strain-relief cable seals, welded on stainless steel upper & adjustable lower actuator mounting brackets, 3/8" (9.5 mm) stainless steel mounting bolts. 3.75" (9.5 cm) sacrificial anodes installed.

Kit includes:
- (2) 10-gauge stainless steel Electro-Polished blades
- (2) 15056-001 XD Extreme Duty actuators with 6' (1.8 m) leads & Deutsch connectors
- Lenco owner's/installation manual
- **Note: Boat-mounting hardware to be supplied by the customer**
- **Note: Actuator extension harnesses not in kits, must be purchased separately (2 required) See page 42**

SIZE DESCRIPTION
Ⓛ = Length of tab
Ⓦ = Width of hinge
Size description to be used with chart below.

Back Plate Dimensions

5" (12.7 cm)
8" (20.3 cm)
10" (25.4 cm)
2" (5.1 cm)
12" (30.5 cm)

SHIPPED FULLY ASSEMBLED
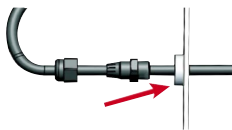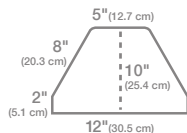
The actuator leads pass through the water-tight mechanical strain-relief cable seal and the back plate before passing through the transom. This applies to all products with back plates.

Part #	L" X W"	Boat Length	Min. Transom Height
15045-101	17" x 12"	20'–40'	10.5" (26.7 cm)

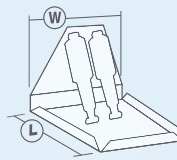**Switch kits sold separately**
See pages 30–32

Extreme Duty (XD) Performance Trim Tab Kit
12V System / Dual Actuator

All the robust features of our single actuator XD series with twice the actuator power for larger, faster boats that don't back away from rough conditions. Boat lengths 23' (7 m) to 50' (15.2 m)

15046-101
Electro-Polished

Blades are constructed of Electro-Polished 10-gauge (3.4 mm) laser cut 304 stainless steel with 1" (2.5 cm) turned up edges and a 5 degree taper on the inside, heavy duty hinge with 3/8" (9.5 mm) diameter hinge pin. Full transom back plate with mechanical strain-relief cable seals, welded on stainless steel upper & adjustable lower actuator mounting brackets, 3/8" (9.5 mm) stainless steel mounting bolts. 3.75" (9.5 cm) sacrificial anodes installed.

Kits include:
- (2) 10-gauge stainless steel Electro-Polished blades
- (4) 15056-001 XD Extreme Duty actuators with 6' (1.8 m) leads & Deutsch connectors
- Lenco owner's/installation manual
- **Note: Boat-mounting hardware to be supplied by the customer**
- **Note: Actuator extension harnesses not in kits, must be purchased separately (4 required) See page 42**

SIZE DESCRIPTION
Ⓛ = Length of tab
Ⓦ = Width of hinge
Size description to be used with chart below.

Back Plate Dimensions

6" (15.2 cm)
8" (20.3 cm)
10" (25.4 cm)
2" (5.1 cm)
14" (35.6 cm)

SHIPPED FULLY ASSEMBLED
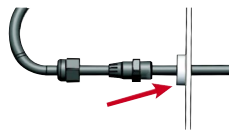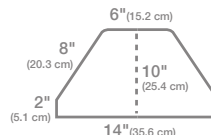
The actuator leads pass through the water-tight mechanical strain-relief cable seal and the back plate before passing through the transom. This applies to all products with back plates.

Part #	L" X W"	Boat Length	Min. Transom Height
15046-101	19" x 14"	23'–45'	10.5" (26.7 cm)
15047-101	24" x 14"	25'–50'	10.5" (26.7 cm)

Switch kits sold separately
See pages 30–32

TECH TIP

What is Electro-Polishing?

Electro-Polishing is a process that improves the surface finish of our 304 stainless steel trim tab blades. Electro-Polishing delivers a smoother, more reflective surface than our standard mill finish and improves surface cleanability. Electro-Polishing dissolves free iron, inclusions, and embedded particles from the surface of our trim tabs. Lenco's in-house process improves the near-surface chemistry of the material, and promotes the formation of an improved corrosion resistant surface layer.

A
- Surface Contaminants
- Chromium & Nickel
- Steel

The raw form of all stainless steel has a mixture of unwanted surface contaminants such as iron and much needed elements such as chromium & nickel.

B

An electrical charge is added in order to remove unwanted surface contaminants and concentrate the chromium & nickel at the surface.

C

What is left is a stainless steel that has become much more impervious to the environment with an aesthetically pleasing "BLING" appeal.

Benefits of electro-polishing

- Removes iron and potential contaminants from the surface of our trim tabs.
- Removes a small amount of material from the surface of our trim tab blades, also removing small burrs.
- Enhances the chromium and nickel content providing added resistance against environmental factors such as air, fresh and salt water.
- Polishes areas inaccessible by any other polishing methods.
- Provides a clean and smooth surface that is aesthetically pleasing.

High Performance (HP) Trim Tab Kits
12V System / Single Actuator

This powerful, unique series is designed for multiple engine applications with limited transom space. The contoured blade design allows for extra space for engines to turn as well as decreasing and preventing cavitation to the props. Boat lengths 16' (4.9 m) to 40' (12.2 m)

15049-101
Electro-Polished

Blades are constructed of Electro-Polished 7-gauge (4.6 mm) laser cut 304 stainless steel with heavy duty hinge with 3/8" (9.5 mm) diameter hinge pin. Full transom back plate with mechanical strain-relief cable seals, welded on stainless steel upper & adjustable lower actuator mounting brackets, 3/8" (9.5 mm) stainless steel mounting bolts. 3.75" (9.5 cm) sacrificial anodes installed.

SIZE DESCRIPTION
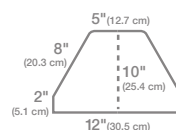
Ⓛ = Length of tab
Ⓦ = Width of hinge

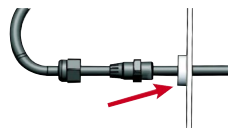Size description to be used with chart below.

Kits include:
- (2) 7-gauge stainless steel Electro-Polished blades
- (2) 15056-001 XD Extreme Duty actuators with 6' (1.8 m) leads & Deutsch connectors
- Lenco owner's/installation manual
- **Note: Boat-mounting hardware to be supplied by the customer**
- **Note: Actuator extension harnesses not in kits, must be purchased separately (2 required) **

Back Plate Dimensions

5" (12.7 cm)
8" (20.3 cm)
10" (25.4 cm)
2" (5.1 cm)
12" (30.5 cm)

SHIPPED FULLY ASSEMBLED

The actuator leads pass through the water-tight mechanical strain-relief cable seal and the back plate before passing through the transom. This applies to all products with back plates.

Part #	L" X W"	Boat Length	Min. Transom Height
15048-101	14" x 12"	16'–32'	10.5" (26.7 cm)
15049-101	18" x 12"	20'–40'	10.5" (26.7 cm)

Switch kits sold separately

High Performance (HP) Trim Tab Kits
12V System / Dual Actuator

Same powerful features and unique blade design as the single HP series with double the actuator support for larger, faster boats.
Boat lengths 24' (7.3 m) to 52' (15.8 m)

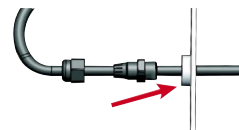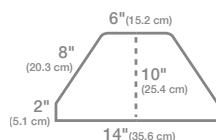**15051-101**
Electro-Polished

Blades are constructed of Electro-Polished 7-gauge (4.6 mm) laser cut 304 stainless steel, heavy duty hinge with 3/8" (9.5 mm) diameter hinge pin. Full transom back plate with mechanical strain-relief cable seals, welded on stainless steel upper & adjustable lower actuator mounting brackets, 3/8" (9.5 mm) stainless steel mounting bolts. 3.75" (9.5 cm) sacrificial anodes installed.

SIZE DESCRIPTION
Ⓛ = Length of tab
Ⓦ = Width of hinge

Size description to be used with chart below.

Kits include:
- (2) 7-gauge stainless steel Electro-Polished blades
- (4) 15056-001 XD Extreme Duty actuators with 6' (1.8 m) leads & Deutsch connectors
- Lenco owner's/installation manual
- **Note: Boat-mounting hardware to be supplied by the customer**
- **Note: Actuator extension harnesses not in kits, must be purchased separately (4 required)**

Back Plate Dimensions

6" (15.2 cm)
8" (20.3 cm)
10" (25.4 cm)
2" (5.1 cm)
14" (35.6 cm)

SHIPPED FULLY ASSEMBLED

The actuator leads pass through the water-tight mechanical strain-relief cable seal and the back plate before passing through the transom. This applies to all products with back plates.

Part #	L" X W"	Boat Length	Min. Transom Height
15050-101	21" x 14"	24'–42'	10.5" (26.7 cm)
15051-101	25" x 14"	28'–46'	10.5" (26.7 cm)
15068-101	29" x 14"	30'–52'	10.5" (26.7 cm)

Switch kits sold separately

Hybrid Trim Tab Kits
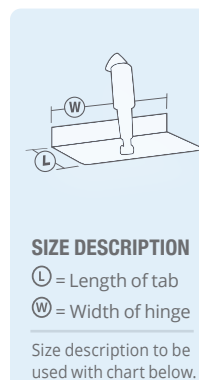## 12V & 24V Systems/ Single Actuator

Engineered to combine the benefits and features of our Limited Space and Super Strong series. This ultra-compact design utilizes a greater deflection angle creating substantial lift with less surface area.
Boat lengths 30' (9.1 m) to 60' (18.3 m)

15146-101

Blades constructed of 7-gauge (4.6 mm) laser cut 304 stainless steel with 3/8" (9.5 mm) diameter hinge pin. High impact corrosion proof upper and lower mounting brackets with mechanical gland cable seal, 5/16" (.8 cm) upper and lower stainless steel mounting bolts. Also includes (2) 3.75" (9.5 cm) sacrificial anodes installed.

SIZE DESCRIPTION
Ⓛ = Length of tab
Ⓦ = Width of hinge

Size description to be used with chart below.

Kits include:
- (2) 7-gauge stainless steel blades with standard finish
- (2) Standard actuators with 6' (1.8 m) lead and Deutsch connectors
- (2) 15085-001 upper mounting brackets with gland seal
- (2) 50014-001 lower mounting brackets
- Lenco owner's/installation manual
- Stainless steel mounting hardware
- **Note: Actuator extension harnesses not in kits, must be purchased separately (2 required)**

Part #	Voltage	L" X W"	Boat Length
15145-101	12V	4" x 18"	30'–44'
15146-101	12V	4" x 24"	42'–52'
15147-101	12V	4" x 30"	48'–60'

Part #	Voltage	L" X W"	Boat Length
15148-101	24V	4" x 18"	30'–44'
15149-101	24V	4" x 24"	42'–52'
15150-101	24V	4" x 30"	48'–60'

**Switch kits sold separately**

Super Strong Trim Tab Kits
12V & 24V Systems / Single Actuator

This Super Strong design is for sport fishing, large cruising and commercial vessels. This series has a completely flat blade design which reduces spray giving you a clean, dry ride. Boat lengths 24' (7.3 m) to 52' (15.8 m)

15018-101

Blades are constructed of 7-gauge (4.6 mm) laser cut 304 stainless steel with 3/8" (9.5 mm) diameter hinge pin. High impact corrosion proof upper and lower mounting brackets with mechanical gland cable seal, 5/16" (.8 cm) upper and 3/8" (9.5 mm) lower stainless steel mounting bolts. 3.75" (9.5 cm) sacrificial anodes installed.
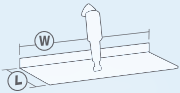
SIZE DESCRIPTION
Ⓛ = Length of tab
Ⓦ = Width of hinge

Size description to be used with chart below.

Kits include:
- (2) 7-gauge stainless steel standard finish blades
- (2) 15055-001 12 Volt (15062-001 for 24 Volt) XD Extreme Duty actuators with 6' (1.8 m) & Deutsch connectors
- (2) 15140-001 120 Lower Mounting Brackets
- Lenco owner's/installation manual
- Stainless steel mounting hardware
- **Note: Actuator extension harnesses not in kits, must be purchased separately (2 required) See page 42**

Part #	Voltage	L" X W"	Boat Length
15018-101	12V	12" x 18"	24' – 40'
15019-101	12V	12" x 24"	27' – 44'
15020-101	12V	12" x 30"	30' – 48'
15021-101	12V	12" x 36"	33' – 52'

Part #	Voltage	L" X W"	Boat Length
15026-101	24V	12" x 18"	24' – 40'
15027-101	24V	12" x 24"	27' – 44'
15028-101	24V	12" x 30"	30' – 48'
15029-101	24V	12" x 36"	33' – 52'

Switch kits & Harnesses sold separately

Super Strong Trim Tab Kits
12V & 24V Systems / Dual Actuator

Offering the same features as our single system, this series gives you a longer blade design with dual actuator support for those large vessels needing that extra lift. Boat lengths 35' (10.6 m) to 80' (24.4 m)

15022-101

Blades are constructed of 7-gauge (4.6 mm) laser cut 304 stainless steel with 3/8" (9.5 mm) diameter hinge pin. High impact corrosion proof upper and lower mounting brackets with mechanical gland cable seal, 5/16" (.8 cm) upper and 3/8" (9.5 mm) lower stainless steel mounting bolts. 3.75" (9.5 cm) sacrificial anodes installed.
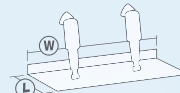
SIZE DESCRIPTION
Ⓛ = Length of tab
Ⓦ = Width of hinge

Size description to be used with chart below.

Kits include:
- (2) 7-gauge stainless steel standard finish blades
- (4) 15055-001 12 Volt (15062-001 for 24 Volt) XD Extreme Duty actuators with 6' (1.8 m) & Deutsch connectors
- (4) 15140-001 120 Lower Mounting Brackets
- Lenco owner's/installation manual
- Stainless steel mounting hardware
- **Note: Actuator extension harnesses not in kits, must be purchased separately (4 required) See page 42**

Part #	Voltage	L" X W"	Boat Length
15022-101	12V	16" x 24"	35' – 50'
15023-101	12V	16" x 30"	40' – 60'
15024-101	12V	16" x 36"	45' – 70'
15025-101	12V	16" x 42"	50' – 80'

Part #	Voltage	L" X W"	Boat Length
15030-101	24V	16" x 24"	35' – 50'
15031-101	24V	16" x 30"	40' – 60'
15032-101	24V	16" x 36"	45' – 70'
15033-101	24V	16" x 42"	50' – 80'

Switch kits & Harnesses sold separately

Heavy Duty Trim Tab Kit   NEW
12V System

The largest and strongest HD Trim Tab Series. Similar to our 10-gauge HD systems, this series was engineered using 7-gauge 1/4" thick stainless steel blades. While using a single actuator application, these systems perform best on larger vessels, including commercial applications, and go fast boats. Boat Lengths 24' (7.3 m) to 46' (14m)
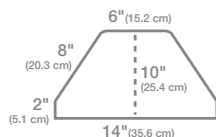
15162-103
Electro-Polished

Blades are constructed of Electro-Polished 7-gauge (4.6 mm) laser cut 304 stainless steel, heavy duty hinge with 3/8" (9.5 mm) diameter hinge pin. Full transom back plate with remote gland-seal, welded on stainless steel upper and a single adjustable lower C-channel bracket. 3/8" (9.5 mm) stainless steel mounting bolts. 3.75" (9.5 cm) sacrificial anodes installed.

SIZE DESCRIPTION
Ⓛ = Length of tab
Ⓦ = Width of hinge

Size description to be used with chart below.

Kits include:
- (1) Key Pad Assembly Indicator 30343-001
- (1) Switch Control Box Indicator 30368-001
- (2) 7-gauge stainless steel Electro-Polished blades
- (2) Heavy Duty Actuators 15158-001
- (1) Lenco owner's/installation manual
- **Note: Boat-mounting hardware to be supplied by customer**
- **Note: Actuator extension harnesses not in kits, must be purchased separately (2) required See page 42**

Back Plate Dimensions

6"(15.2 cm)
8"(20.3 cm)
10"(25.4 cm)
2"(5.1 cm)
14"(35.6 cm)

SHIPPED FULLY ASSEMBLED

Part #	L" X W"	Boat Length	Min Transom Height
15162-103	21" x 14"	24' – 42'	10.5" (26.7 cm)
15163-103	25" x 14"	28' – 46'	10.5" (26.7 cm)

Two Piece indicator switch included with kit

Heavy Duty Trim Tab Kit   NEW
12V System

This Heavy Duty system is similar to our 7-gauge system, but with a wider trailing edge profile giving it a larger surface area when making trim adjustments. The sides and back edges of this blade are bent up at 90 degrees providing added strength to the blade. This HD system is engineered for boats that need strength along with extra lift from the wider trailing edge profile. Boat lengths 23' (7.01m) to 50' (15.24m)
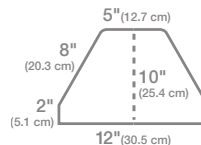
15165-103
Electro-Polished

Blades are constructed of Electro-Polished 10-gauge (3.4 mm) laser cut 304 stainless steel with 1" (2.5 cm) turned up edges and a 5 degree taper on the inside, heavy duty hinge with 3/8" (9.5 mm) diameter hinge pin. Full transom back plate with remote gland-seal, welded on stainless steel adjustable C-channel with 3/8" (9.5 mm) stainless steel mounting hardware and a 3.75" (9.5 cm) sacrificial anodes installed

SIZE DESCRIPTION
Ⓛ = Length of tab
Ⓦ = Width of hinge

Size description to be used with chart below.

Kits include:
- (1) Key Pad Assembly Indicator 3034-001
- (1) Control Box Assembly Indicator 30368-001
- (2) 10-gauge stainless steel electro-polished blades
- (2) 15158-001 Heavy Duty actuators with 6' (1.8 m) leads & Deutsch connectors
- (1) Lenco owner's/installation manual
- **Note: Boat-mounting hardware to be supplied by the customer**
- **Note: Actuator extension harnesses not in kits, must be purchased separately (2 required) see page 42**

Back Plate Dimensions

5"(12.7 cm)
8"(20.3 cm)
10"(25.4 cm)
2"(5.1 cm)
12"(30.5 cm)

SHIPPED FULLY ASSEMBLED

Part #	L" X W"	Boat Length	Min Transom Height
15164-103	19" x 14"	23' – 45'	10.5" (26.7 cm)
15165-103	24" x 14"	25' – 50'	10.5" (26.7 cm)

Two Piece indicator switch included with kit

1

Lenco's switch technology improves accuracy & integrates control box functionality into the key pad bezel.
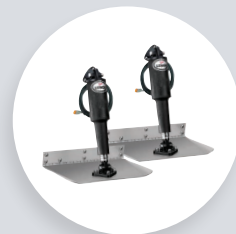
2

These 36" Power Pigtails work with any of our single actuator trim tab system kits (14 Awg wires with DTP Plug).
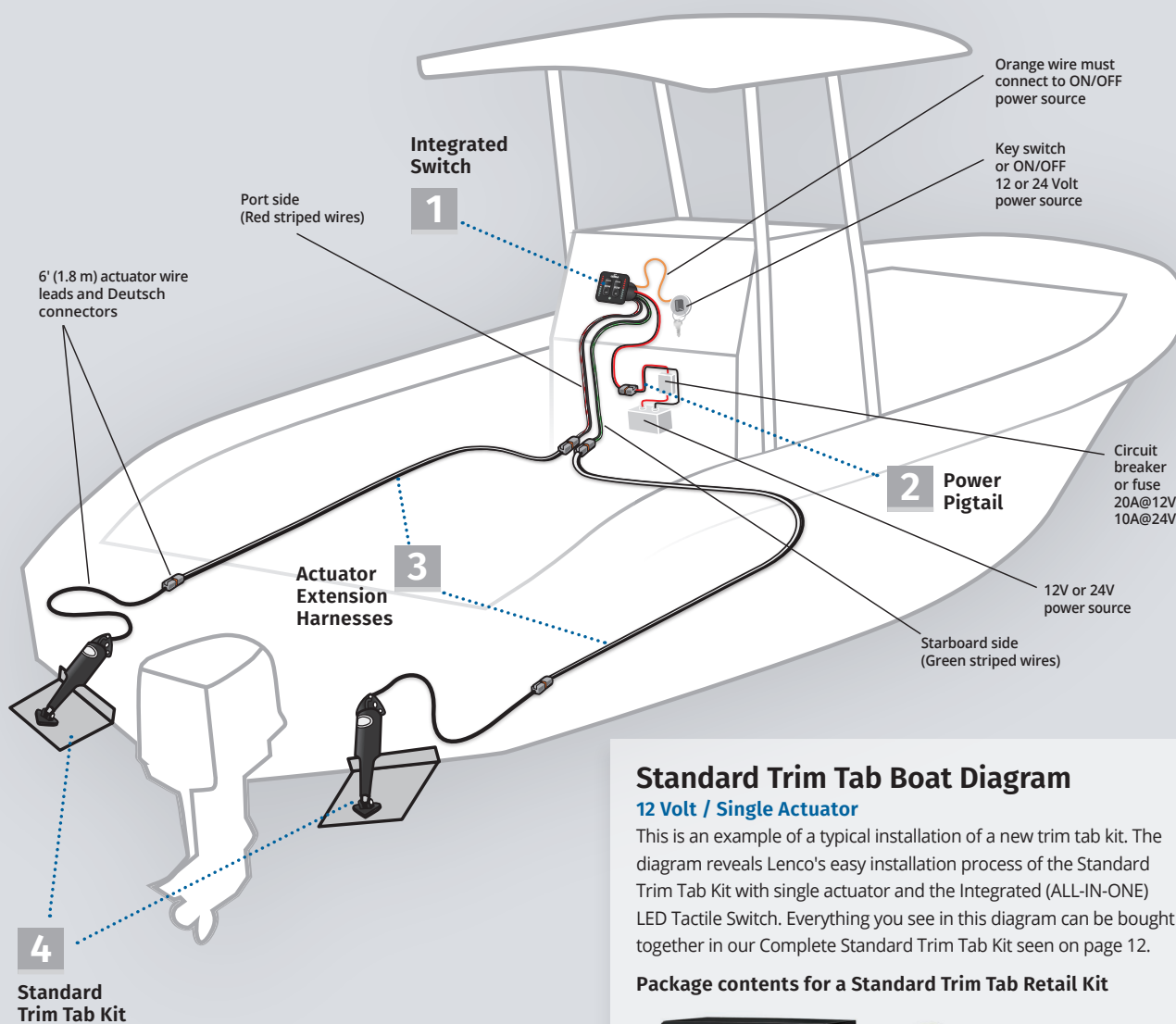
3

20' Deutsch Connected Actuator Extension Harnesses work with any of our trim tab system kits (14 Awg wires).

4

Our original Standard Trim Tab kit comes with two actuators with 6' leads, Deutsch connectors, blades and hardware.

Integrated Switch

Port side (Red striped wires)

1

Orange wire must connect to ON/OFF power source

Key switch or ON/OFF 12 or 24 Volt power source

6' (1.8 m) actuator wire leads and Deutsch connectors

2 **Power Pigtail**

Circuit breaker or fuse 20A@12V 10A@24V

Actuator Extension Harnesses

3

12V or 24V power source

Starboard side (Green striped wires)

4

Standard Trim Tab Kit

Standard Trim Tab Boat Diagram
12 Volt / Single Actuator

This is an example of a typical installation of a new trim tab kit. The diagram reveals Lenco's easy installation process of the Standard Trim Tab Kit with single actuator and the Integrated (ALL-IN-ONE) LED Tactile Switch. Everything you see in this diagram can be bought together in our Complete Standard Trim Tab Kit seen on page 12.

Package contents for a Standard Trim Tab Retail Kit

For complete installation instructions please see our owners manual or visit our troubleshooting page at **lencomarine.com**

LENCO TRIM TAB SELECTION GUIDE

3 EASY STEPS TO FIND YOUR TRIM TAB SYSTEM KIT

step 1
Choose the appropriate minimum transom height of your motor boat.

step 2
Choose the appropriate overall length of your motor boat.

step 3
Choose your desired trim tab L" x W" from the available choices.

All boat configurations are different. Using this selection guide, choose the largest trim tab that fits your particular boat. For additional information visit **lencomarine.com**

Minimum Transom Height Required	Overal Boat Length	L"xW" Trim Tab Dimensions	Part #
14"	14'–18'	9" x 9" Standard Mount	15000-101
	19'–24'	9" x 12" Standard Mount	15001-101
	25'–30'	12" x 12" Standard Mount	15007-101
13.5"	14'–17'	9" x 9" Edge Mount	15013-101
	18'–25'	9" x 12" Edge Mount	15014-101
11"	14'–18'	12" x 9" Edge Mount	15015-101
	19'–30'	12" x 12" Edge Mount	15016-101

LENCO

▶ *WE MAKE THE BEST BOATS BETTER!*
For additional trim tab information visit us at **lencomarine.com**

AUTO GLIDE KITS

Auto Glide Automatic Boat Leveling System

24

Auto Glide provides hands-free, automatic trim control, enhanced performance & increased fuel efficiency.

Auto Glide Replacement Parts

26

We have a large selection of replacements parts available for the Auto Glide Boat Leveling System.

Auto Glide Adapter Cables
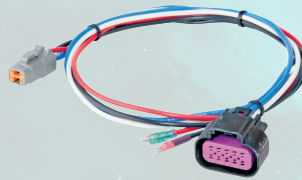
27

Our wide variety of Auto Glide Adapter Cables allow for customizable system installations.

Auto Glide NMEA 2000 Network Accessories

27

NEMA 2000 Network accessories are available to allow for installation on vessels with or without an existing NEMA 2000 network.

Automatic Boat Leveling System

The Lenco Auto Glide helps take your mind off of balancing your boat and back to enjoying your time on the water. Your budget will be balanced as well with the world's best fuel efficiency features. Balance your time, your boat and your budget with the Lenco Auto Glide Boat Leveling System.

Auto Glide Pitch Correction

Auto Glide Roll Correction

FUEL EFFICIENT

100% COMPATIBLE

GPS TECHNOLOGY

ECO FRIENDLY

PLUG & PLAY

PRODUCT CERTIFIED

MADE IN THE USA

AUTO GLIDE™

Auto Glide 2nd Station Kits

27

Auto Glide second station kits allow for complete operation of your system from multiple locations on your vessel.

Auto Glide GPS & Accessories
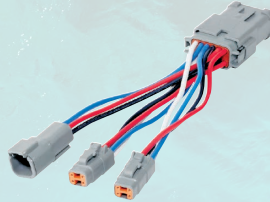
27

Stand-alone GPS installation or integration with your current NEMA 2000 network are both options with our full line of NEMA 2000 network components.

Auto Glide Control Box Accessories

27

Auto Glide control box accessories make installation simple, even in difficult mounting locations.

Auto Glide™ Boat Leveling System

The Lenco Auto Glide helps take your mind off of balancing your boat and back to enjoying your time on the water. Your budget will be balanced as well with the world's best fuel efficiency features. Balance your time, your boat and your budget with the Lenco Auto Glide Boat Leveling System.

Fuel efficiency at its best

Auto Glide uses data it receives 25 times a second to monitor changes in the GPS speed and engine RPM to automatically put your boat in its most fuel efficient cruising position.

	53%	36%	30%	8%
2500 RPM	2750 RPM	3000 RPM	3250 RPM	

NO AUTO GLIDE / WITH AUTO GLIDE

SAVE UP TO
53%*
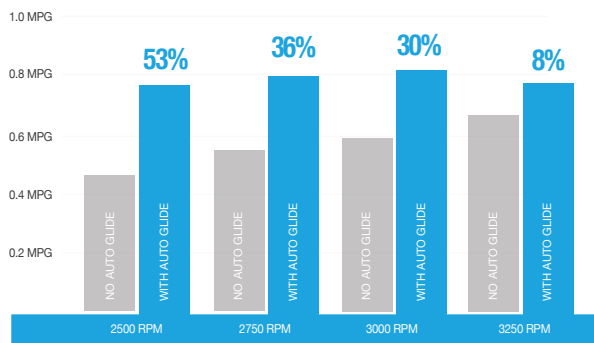
"All of the system adjustments achieve two very important objectives. One of course is fuel economy but the more important one to us is a more stable and comfortable ride particularly in rough seas."

Bill Hayward

Bill Hayward
Cruisers Yacht 48'

Fuel saving results are based on Cruisers Yachts 48 Cantius with a Volvo D6, 600 IPS, EVC, 435 horsepower engine. Results may vary depending on boat type & engine configuration.

Enhance boat performance with Auto Glide

Auto Glide improves the performance of the boat, and optimizes the ride in any conditions. Some of the benefits of Auto Glide are:

- Automatic pitch and roll corrections.
- Automatically trims boat to the most fuel efficient position.
- Takes the trim tab operation out of the hands of the operator while allowing for manual override at the touch of a button.
- Reduces time to plane.
- Does not adjust during turns, allowing boat to roll naturally.
- Safety - Minimizes bow rise and improves boat's hole shot performance.
- Built-in automatic trim tab retraction.
- Waterproof key pad and control box.
- Three custom settings: "Hold" mode and (2) "Favorite" modes.
- Increase in fuel savings.
- Can be installed on any boat with Lenco electric actuators.
- Fast and easy installation.

Hands Free Trim Tab Control for the Best Ride on the Water

Auto Glide is the most advanced automatic trim tab control system ever developed for the marine industry. First introduced in 2009 by Lenco Marine, Auto Glide has the sophisticated features to optimize the performance of your boat.

What is Auto Glide

Auto Glide is an automatic boat leveling system that uses sophisticated accelerometers, gyroscopes, and advanced software to optimize the performance of the vessel. Auto Glide keeps the boat level at all times regardless of cruising speeds. It has the ability to utilize GPS data and engine data to make the vessel run at the most efficient running angle. The proper use of trim tabs makes a tremendous difference in boat performance. We have developed Auto Glide to maximize the benefits of trim tabs while simplifying operation and control. Auto Glide is constantly working to make your boat the best it can be - offering a softer, smoother and more comfortable ride.

AUTO GLIDE™
BOAT LEVELING SYSTEM

Intuitive design and control

Auto Glide operation is simple and intuitive. The integrated keypad provides automatic or manual control of the trim tabs. Favorite settings can be programmed and saved based on user preference. Auto Glide can connect to the NMEA 2000 network, so trim tab position can be displayed on a NMEA 2000 multi-function screen. In addition, Auto Glide has built in diagnostics. In the event of a system issue, the keypad LED lights will flash indicating an error code.
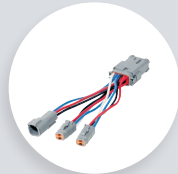
Auto Glide Boat Diagram
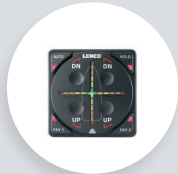
1 **Auto Glide Key Pad**
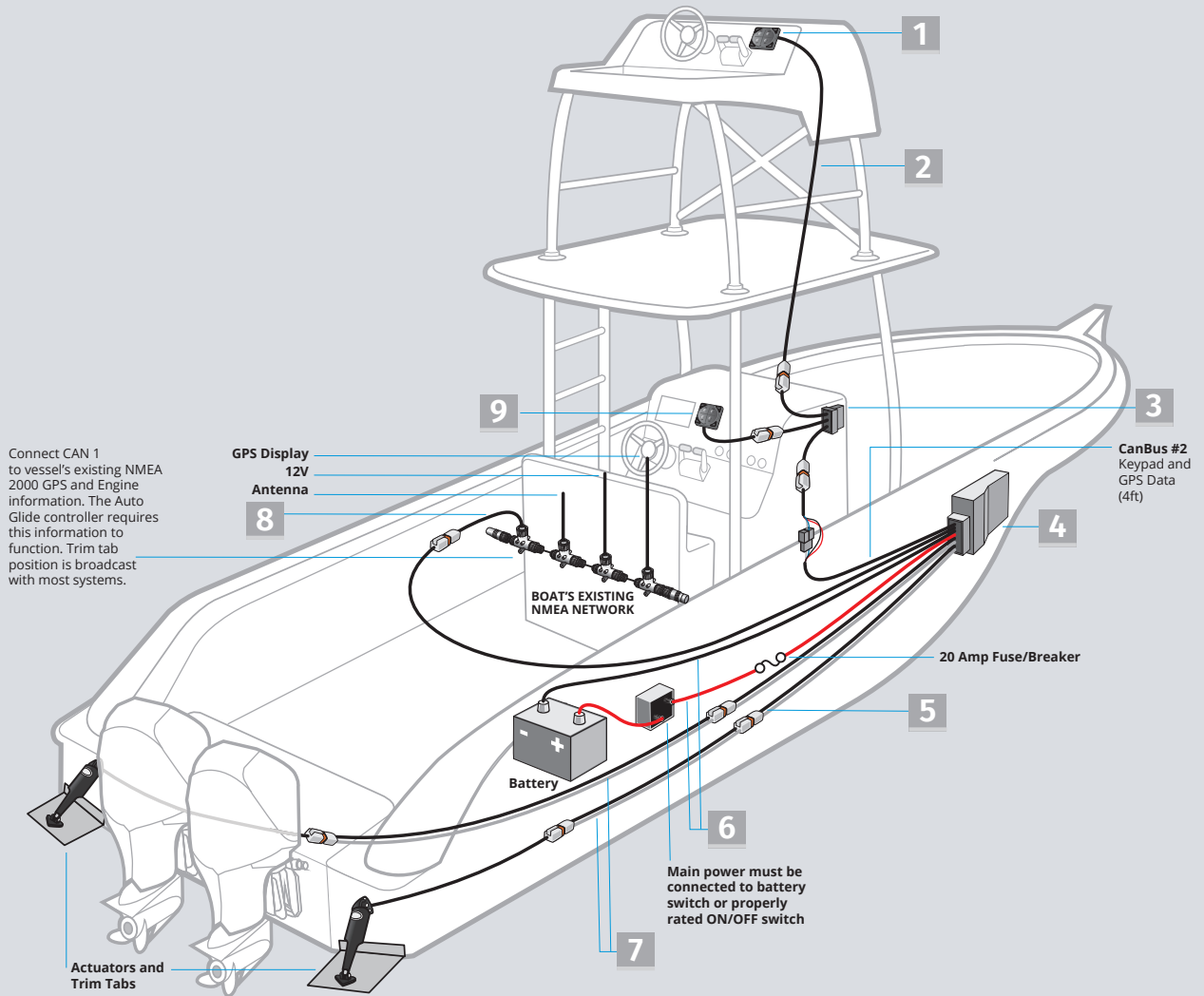Upper Station
30254-002D

2 **Can Extension**
30260-00X

3 **Splitter**
30258-001D

4 **Auto Glide Control Box**
30255-001

5 **Auto Glide Control Box Harness Single Actuator/Tab**
30248-001

1

2

9

3

Connect CAN 1 to vessel's existing NMEA 2000 GPS and Engine information. The Auto Glide controller requires this information to function. Trim tab position is broadcast with most systems.

GPS Display
12V
Antenna

8

CanBus #2
Keypad and GPS Data (4ft)

4

BOAT'S EXISTING NMEA NETWORK

20 Amp Fuse/Breaker

5

Battery

6

Main power must be connected to battery switch or properly rated ON/OFF switch

7

Actuators and Trim Tabs

6 **DTP Power Harnesses**
30140-X0XD

7 **Actuator Extention Harnesses**
30133-X0XD

8 **Adapter Cable CAN 1 NMEA**
30259-001D

9 **Auto Glide Key Pad Lower Station**
30254-001D

Auto Glide™ Aftermarket Kit Contents

Replacement Parts

30255-001 30256-001	30248-001 30247-001	30259-001D	30262-001D	30266-001
30281-001D	30267-001D	30268-001D	30268-002D	30140-001D 10249-001

30254-001D

Retail Box

Auto Glide Aftermarket Kits for Boats with Existing NMEA 2000 Networks

(Does not Include GPS Antenna & NMEA 2000 Network)

| 15504-101 | Kit Without GPS Antenna or Network - For Single Actuator Trim Tab Systems |
| 15505-101 | Kit Without GPS Antenna or Network - For Dual Actuator Trim Tab Systems |

Auto Glide Aftermarket Kits For Boats without Existing NMEA 2000 Networks

(Includes GPS Antenna & NMEA 2000 Network)

| 15500-101 | Kit With GPS Antenna or Network - For Single Actuator Trim Tab Systems |
| 15501-101 | Kit With GPS Antenna or Network - For Dual Actuator Trim Tab Systems |

Auto Glide Contents & Replacement Comparison Chart

Part #	Description of Contents	15500-101 (Qty. in kit)	15501-101 (Qty. in kit)	15504-101 (Qty. in kit)	15505-101 (Qty. in kit)
30254-001D	Auto Glide Key Pad Control	1	1	1	1
30255-001	Auto Glide Control Box - For Single Actuator Trim Tab System	1	N/A	1	N/A
30256-001	Auto Glide Control Box - For Dual Actuator Trim Tab System	N/A	1	N/A	1
30248-001	Auto Glide Control Box Harness - For Single Actuator Trim Tab System	1	N/A	1	N/A
30247-001	Auto Glide Control Box Harness - For Dual Actuator Trim Tab System	N/A	1	N/A	1
30259-001D	CAN bus # 1 NMEA 2000 CABLE - 2.5' (76.2 cm)	1	1	1	1
30262-001D	CAN bus # 2 GPS / NMEA 2000 Network Adapter Cable Assembly - 2.5' (76.2 cm)	1	1	N/A	N/A
30266-001	NMEA 2000 (16 CH) GPS Antenna Only	1	1	N/A	N/A
30267-001D	Tee Connector Only	3	3	N/A	N/A
30268-001D	Terminating Resistor - Female - 120 ohm	2	2	N/A	N/A
30268-002D	Terminating Resistor - Male - 120 ohm	1	1	N/A	N/A
30281-001D	Power Cable - NMEA 2000 Network - 2.5' (76.2 cm)	1	1	N/A	N/A
30140-001D	Single Actuator Power Pigtail	1	N/A	1	N/A
10249-001	Dual Actuator Power Pigtail	N/A	1	N/A	1

Auto Glide Accessories

Auto Glide Adapter Cables

Image	Part #	Description
	30246-001D	ADAPTER CABLE FOR SMARTCRAFT / MERCURY - 2.5' (76.2 cm)
	30252-001D	ADAPTER CABLE FOR COMMAND LINK / YAMAHA - 2.5' (76.2 cm)
	30277-001D	ADAPTER CABLE FOR J1939 - 2.5' (76.2 cm)
	30259-001D	CAN bus # 1 NMEA 2000 CABLE - 2.5' (76.2 cm)
	30257-001D	CAN bus # 2 GPS / NMEA 2000 GPS ADAPTER - 2.5' (76.2 cm) Use when connecting to NMEA 2000 GPS Antenna / Receiver.

30260 Series Extension Cables for Engine Adapter Cable, CAN 1 & CAN 2 are terminated with 4 pin male to 4 pin female Deutsch connectors

Image	Part #	Description
	30260-001D	5' (1.5 m) Extension Cable - Deutsch connectors
	30260-002D	10' (3 m) Extension Cable - Deutsch connectors
	30260-003	20' (6.1 m) Extension Cable - Deutsch connectors
	30260-004	30' (9.1 m) Extension Cable - Deutsch connectors
	30260-005	40' 12.2 m) Extension Cable - Deutsch connectors
	30260-006	50' (15.2 m) Extension Cable - Deutsch connectors
	30262-001D	CAN bus # 2 GPS / NMEA 2000 NETWORK ADAPTER CABLE ASSEMBLY - 2.5' Use when connecting to NMEA 2000 Network (For longer lengths, use GPS vendor's extension or # 30269-001D.)

Auto Glide NMEA 2000 Network Accessories

Image	Part #	Description
	11201-001	NMEA 2000 NETWORK KIT Contents: (1) Power Cable, (5) Tee Connectors and (1) Male / (1) Female Resistor
	30267-001D	TEE CONNECTOR ONLY
	30268-001D	Female TERMINATING RESISTOR 120 ohm
	30268-002D	Male TERMINATING RESISTOR 120 ohm
	30281-001D	POWER CABLE NMEA 2000 NETWORK - 2.5' (76.2 cm)

Auto Glide 2nd Station Kits

Image	Part #	Description
		All (5) Kits seen here include key pad, splitter connector and extension cable
	11202-001	10' (3 m) Extension Cable
	11202-002	20' (6.1 m) Extension Cable
	11202-003	30' (9.1 m) Extension Cable
	11202-004	40' (12.2 m) Extension Cable
	11202-005	50' (15.2 m) Extension Cable
	30254-002D	Replacement 2ND STATION KEY PAD ONLY (must only be used at the 2nd station helm)

Auto Glide GPS & Accessories

Image	Part #	Description
	11103-001	NMEA 2000 (16 CH) GPS ANTENNA / RECEIVER KIT Contents: (1) GPS Antenna, (1) Tee Connector and (1) Female Resistor
	30266-001	NMEA 2000 (16 CH) GPS ANTENNA ONLY
	15503-101	15' (4.6 m) GPS ANTENNA EXTENSION KIT Contents: (1) 15' (4.6 m) Extension Cable, (1) Tee Connector and (1) Female Resistor
	30269-003D	2' (60.9 cm) EXT. CABLE FOR CAN bus 2 (Network System) NMEA Female to NMEA Male
	30269-002D	6' (1.8 m) EXT. CABLE FOR CAN bus # 2
	30269-001D	15' (4.6 m) EXT. CABLE FOR CAN bus # 2
	30258-001D	CAN bus SPLITTER CONNECTOR HUB - 6" (15.2 cm)
	70567-001	GPS ANTENNA / RECEIVER MOUNTING BRACKET Stainless Steel with mounting screws

Auto Glide Control Box Accessories

Image	Part #	Description
	30140-001D	36" (91.4 cm) Power Pigtail for Single Actuator Systems
	30140-202D	72" (182 cm) Power Pigtail for Single Actuator Systems
	10249-001	72" (182 cm) Power Pigtail for Dual Actuator Systems
	70568-001	Auto Glide Control Box Mounting Bracket Stainless Steel with mounting screws

Standard Integrated Kit

30

Complete your Lenco single actuator trim tab system with the latest, maintenance-free, Standard (ALL-IN-ONE) integrated tactile switch kit design.

LED Integrated Switch Kit

30

Complete your Lenco single actuator trim tab system with the latest, maintenance-free, LED Indicator (ALL-IN-ONE) integrated tactile switch kit design.

LED (TWO-PIECE) Switch Kit

31

This LED tactile switch kit for single actuator systems has a shortened bezel for consoles which require less depth to mount.

LENCO SWITCH KITS

Lenco's tactile switches are the most innovative trim tab switches on the market today. Lenco is now introducing 4 of it's inovative switch kits to date. Lenco switches provide instant response at the touch of a button allowing customers to position and balance their boat with ease.

INSTANT RESPONSE

100% ELECTRIC

PLUG & PLAY

PRODUCT CERTIFIED

MADE IN THE USA

SWITCH & FLYBRIDGE KITS & ACCESSORIES

Rocker Switch Kit

32

Double Rocker Switch available for Standard Trim Tabs, Standard & HD Performance Tabs (single actuator versions). Does not have our Retractor feature. Includes Deutsch connectors, 36" power pigtail and mounting hardware.

Airboat Switch

32

Single Rocker Switch with Deutsch connector and two 30" (76.2 cm) non-terminated power leads.

Hatch Lift Switch

33

Single Rocker Switch for hatch lifts with two 30" non-terminated power leads.

Flybridge Switch Kits

34

Second station Standard Key Pad connecting to the (ALL-IN-ONE) Integrated Tactile Switch Kit (Part # 15169-001). Add a second station key pad to your Integrated Tactile Switch by plugging into the existing harness.

Standard Integrated Switch Kit

12 & 24 Volt | Single Actuator Systems

Complete your Lenco single actuator trim tab system with the latest, maintenance-free, Standard (ALL-IN-ONE) integrated tactile switch kit design. This switch technology improves accuracy and integrates the control box functionality into the key pad bezel.

15169-001
Single Actuator

Features

- Simple, quick, Plug & Play installation
- Instant response
- Built-in retractor
- Low profile key pad design
- Self-contained key pad with waterproof Plug & Play Deutsch connectors
- Wiring harness length 30" (76.2 cm) from the back of the switch bezel
- 36" power pigtail
- 2-1/16" hole cut-out size, overall key pad size of 2.75" x 2.75"
- 4.08" clearance required from the back of the key pad's mounting location
- 5-year warranty

Part #	Description
15169-001	Standard Integrated Switch Kit with 36" (91.4 cm) Power Pigtail for Single Actuator Systems

Replacement Parts	
30140-001D	36" Power Pigtail (See page 43)

ATTENTION: REPLACEMENT KEY PADS & CONTROL BOXES FOR 2016 AND PRIOR SWITCHES ARE NOT COMPATIBLE WITH THIS SWITCH KIT.

Retail Box

LED Integrated Switch Single Kit

12 & 24 Volt | Single Actuator Systems

Complete your Lenco single actuator trim tab system with the latest, maintenance-free, LED Indicator (ALL-IN-ONE) integrated tactile switch kit design. This switch technology improves accuracy and integrates the control box functionality into the key pad bezel.

15170-001
Single Actuator

Features

- Simple, quick, Plug & Play installation
- Instant response
- Built-in retractor
- Low profile key pad design
- Self-contained key pad with waterproof Plug & Play Deutsch connectors
- Wiring harness length 30" (76.2 cm) from the back of the switch bezel
- 36" power pigtail
- 2-1/16" hole cut-out size, overall key pad size of 2.75" x 2.75"
- 4.08" clearance required from the back of the key pad's mounting location
- Two high-intensity LED Indicator displays show the exact position of your trim tabs at all times
- Photo Eye for optimum viewing in all light conditions
- Backlit key pad for optimum viewing at night
- Self-Check feature
- 5-year warranty

Part #	Description
15170-001	LED Integrated Switch Kit with 36" (91.4 cm) Power Pigtail for Single Actuator Systems

Replacement Parts	
30140-001D	36" Power Pigtail (See page 43)

ATTENTION: REPLACEMENT KEY PADS & CONTROL BOXES FOR 2016 AND PRIOR SWITCHES ARE NOT COMPATIBLE WITH THIS SWITCH KIT.

LED Integrated Switch Dual Kit

12 & 24 Volt | Dual Actuator Systems

Complete your Lenco dual actuator trim tab system with the latest, maintenance-free, LED Indicator (ALL-IN-ONE) integrated tactile switch kit design. This switch technology improves accuracy and integrates the control box functionality into the key pad bezel.

15171-001
Dual Actuator

Features

- Simple, quick, Plug & Play installation
- Instant response
- Built-in retractor
- Low profile key pad design
- Self-contained key pad with waterproof Plug & Play Deutsch connectors
- Wiring harness length 30" (76.2 cm) from the back of the switch bezel
- 72" power pigtail
- 2-1/16" hole cut-out size, overall key pad size of 2.75" x 2.75"
- 4.08" clearance required from the back of the key pad's mounting location
- Two high-intensity LED Indicator displays show the exact position of your trim tabs at all times
- Photo Eye for optimum viewing in all light conditions
- Backlit key pad for optimum viewing at night
- 5-year warranty

Part #	Description
15171-001	LED Integrated Switch Kit with 72" (1.8 m) Power Pigtail for Dual Actuator Systems

Replacement Parts	
30140-202D	72" Power Pigtail (See page 43)

ATTENTION: REPLACEMENT KEY PADS & CONTROL BOXES FOR 2016 AND PRIOR SWITCHES ARE NOT COMPATIBLE WITH THIS SWITCH KIT.

LED Indicator (TWO-PIECE) Single Kit

12 & 24 Volt | Single Actuator Systems

This LED tactile switch kit for single actuator systems has a shortened bezel for consoles which require less depth to mount. Functionality is built into the separate control box and must be mounted in a remote location.

15270-001
Single Actuator

CE

Features

- Simple, quick, Plug & Play installation
- Instant response
- Built-in retractor
- Low profile key pad design
- Self-contained, solid state control box with waterproof Plug & Play Deutsch connectors
- 36" power pigtail for control box
- 2-1/16" hole cut-out size, overall key pad size of 2.75" x 2.75"
- 2.33" clearance required from the back of the key pad's mounting location
- Two high-intensity LED Indicator displays show the exact position of your trim tabs at all times
- Photo Eye for optimum viewing in all light conditions
- Backlit key pad for optimum viewing at night
- Self-Check feature
- 5-year warranty

Part #	Description
15270-001	LED Indicator (TWO-PIECE) Switch Kit with 36" (91.4 cm) Power Pigtail for Single Actuator Systems

Replacement Parts	
30343-001	LED (TWO-PIECE) Key pad only
30340-001	(TWO-PIECE) Control box - Single
30140-001D	36" Power Pigtail (See page 43)

ATTENTION: REPLACEMENT KEY PADS & CONTROL BOXES FOR 2016 AND PRIOR SWITCHES ARE NOT COMPATIBLE WITH THIS SWITCH KIT.

LED Indicator (TWO-PIECE) Dual Kit

12 & 24 Volt | Dual Actuator Systems

This LED tactile switch kit for dual actuator systems has a shortened bezel for consoles which require less depth to mount. Functionality is built into the separate control box and must be mounted in a remote location.

15271-001
Dual Actuator

CE

Features

- Simple, quick, Plug & Play installation
- Instant response
- Built-in retractor
- Low profile key pad design
- Self-contained, solid state control box with waterproof Plug & Play Deutsch connectors
- 72" power pigtail for control box
- 2-1/16" hole cut-out size, overall key pad size of 2.75" x 2.75"
- 2.33" clearance required from the back of the key pad's mounting location
- Two high-intensity LED Indicator displays show the exact position of your trim tabs at all times
- Photo Eye for optimum viewing in all light conditions
- Backlit key pad for optimum viewing at night
- 5-year warranty

Part #	Description
15271-001	LED Indicator (TWO-PIECE) Switch Kit with 72" (1.8 m) Power Pigtail for Dual Actuator Systems

Replacement Parts	
30343-001	LED (TWO-PIECE) Key pad only
30342-001	(TWO-PIECE) Control box - Dual
30140-202D	72" Power Pigtail (See page 43)

ATTENTION: REPLACEMENT KEY PADS & CONTROL BOXES FOR 2016 AND PRIOR SWITCHES ARE NOT COMPATIBLE WITH THIS SWITCH KIT.

Double Rocker Switch Kit Single

12 & 24 Volt | Single Actuator Systems

Double Rocker Switch available for Standard Trim Tabs, Standard & HD Performance Tabs (single actuator versions). Does not have our Retractor feature. Includes Deutsch connectors, 36" power pigtail and mounting hardware. Overall key pad size is 2.75" x 2.75". Key pad hole cut-out size is 2.25".

10222-211D
Single Actuator with Pigtail   CE

Kit Includes:
- #122 Carling Double Rocker Switch
- Plug & Play Deutsch Connectors
- 36" Power Pigtail.
- Installation hardware included
- Clam shell packaged

Part #	Description
10222-211D	Standard Integrated Switch Kit with 36" (91.4 cm) Power Pigtail for Single Actuator Systems

Replacement Parts	
30140-001D	36" Power Pigtail (See page 43)

Double Rocker Switch Kit Dual

12 & 24 Volt | Dual Actuator Systems

Double Rocker Switch available for all dual actuator trim tab systems. Without Retractor feature. Overall key pad size is 2.75" x 2.75". Key pad hole cut-out size is 2.25".

10221-211D
Dual Actuator with Pigtail   CE

Kit Includes:
- #122 Carling Double Rocker Switch
- Plug & Play Deutsch Connectors
- 72" Power Pigtail and mounting hardware
- Installation hardware included
- Clam shell packaged

Part #	Description
10221-211D	Double Rocker Switch Kit with 72" (1.8 m) Power Pigtail for Dual Actuator Systems

Replacement Parts	
30140-202D	72" Power Pigtail (See page 43)

Airboat Trim Tab Rocker Switch

12 & 24 Volt | Single Actuator Systems

Single Rocker Switch with Deutsch Connector and two 30" (76.2 cm) non-terminated power leads. Recommended for use with 15112-101 Airboat Trim Tab Kit.

**15095-001**
Single Actuator   CE

Kit Includes:
- Single Rocker Switch
- Plug & Play Deutsch Connector
- 30" non-terminated power leads
- Installation hardware included
- Clam shell packaged

Part #	Description
15095-001	Airboat Trim Tab Rocker Switch 12 & 24 Volt for Single Actuator Systems

Hatch Lift Rocker Switch (Single)

12 & 24 Volt | Single Hatch Lift Application

Single Rocker Switch for hatch lifts with two 30" non-terminated power leads. This switch is CE certified and ABYC compliant. It is also 20A rated and clam shell packaged.

15096-001
Single Hatch Lift

Kit Includes:

• Single Rocker Switch
• Plug & Play Deutsch Connector
• 30" non-terminated power leads
• Installation hardware included
• Clam shell packaged

Part #	Description
15096-001	Hatch Lift Rocker Switch (Single) 12 & 24 Volt for Single Hatch Lift Application

Hatch Lift Rocker Switch (Dual)

12 & 24 Volt | Dual Hatch Lift Application

Single Rocker Switch for hatch lifts with two 30" non-terminated power leads. This switch is CE certified and ABYC compliant. It is also 20A rated and clam shell packaged.

15098-001
Dual Hatch Lift

Kit Includes:

• Single Rocker Switch
• Plug & Play Deutsch Connector
• 30" non-terminated power leads
• Installation hardware included
• Clam shell packaged

Part #	Description
15098-001	Hatch Lift Rocker Switch (Dual) 12 & 24 Volt for Dual Hatch Lift Application
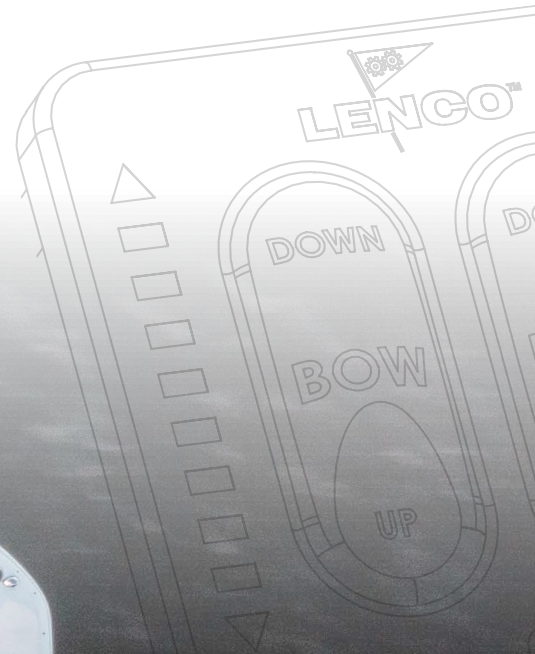
Flybridge Standard Kits
For the Standard Integrated Tactile Switch Kit

12 & 24 Volt | Single Actuator Systems

Second station Standard Key Pad connecting to the (ALL-IN-ONE) Integrated Tactile Switch Kit (Part # 15169-001). Add a second station key pad to your Integrated Tactile Switch by plugging into the existing harness.

Kits Include:
- Flybridge Standard Key Pad
- Shielded Harness 30097-xxx series

Part #	Key Pad	Shielded Harness
11841-101	Standard	10' (3 m)
11841-102	Standard	20' (6.1 m)
11841-103	Standard	30' (9.1 m)
11841-104	Standard	40' (12.2 m)
11841-105	Standard	50' (15.2 m)

Replacement Parts	
30326-001	Second station key pad only

See page 43 for replacement Flybridge Harnesses.

ATTENTION: FLYBRIDGE KITS ARE NOT COMPATIBLE WITH OLD STYLE KEY PADS & CONTROL BOXES

Flybridge LED Indicator Kits
For the LED Indicator Integrated Tactile Switch Kit

12 & 24 Volt | Single and Dual Actuator Systems

Second station LED Key Pad connecting to the (ALL-IN-ONE) Integrated Tactile Switch Kit (Part # 15170-001). Add a second station key pad to your Integrated Tactile Switch by plugging into the existing harness.

Kits Include:
- Flybridge LED Key Pad
- Shielded Harness 30097-xxx series

Part #	Key Pad	Shielded Harness
11841-001	LED	10' (3 m)
11841-002	LED	20' (6.1 m)
11841-003	LED	30' (9.1 m)
11841-004	LED	40' (12.2 m)
11841-005	LED	50' (15.2 m)

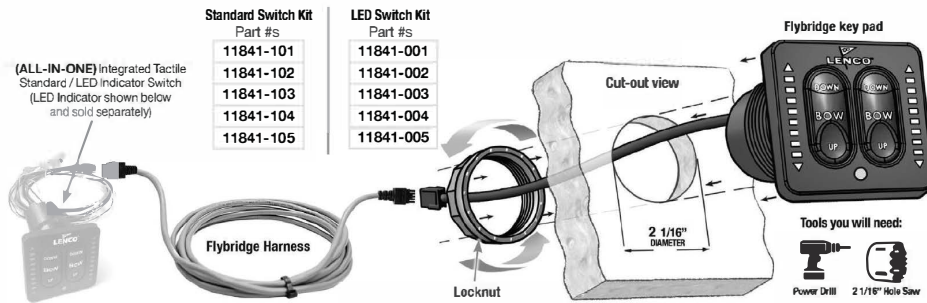| Replacement Parts	
30325-001	Second station key pad only

See page 43 for replacement Flybridge Harnesses.

ATTENTION: FLYBRIDGE KITS ARE NOT COMPATIBLE WITH OLD STYLE KEY PADS & CONTROL BOXES

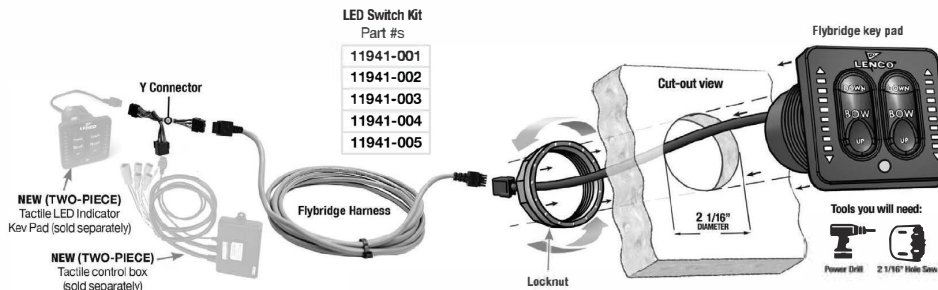# Flybridge LED Indicator Kits
For the LED Indicator (TWO-PIECE) Tactile Switch Kit

12 & 24 Volt | Single and Dual Actuator Systems

Second station LED Key Pad connecting to the (TWO-PIECE) Tactile Switch Kit (Part # 15270-001 and/or 15271-001). Add this second station key pad to your (TWO-PIECE) Tactile Switch by plugging into the Y Connector harness.

Kits Include:
- Flybridge LED Key Pad
- Shielded Harness 30097-xxx series
- Y Connector (See page 43)

Part #	Key Pad	Shielded Harness
11941-001	LED	10' (3 m)
11941-002	LED	20' (6.1 m)
11941-003	LED	30' (9.1 m)
11941-004	LED	40' (12.2 m)
11941-005	LED	50' (15.2 m)

Replacement Parts	
30325-001	Second station key pad only
30209-001	Y Connector (See page 43)

See page 43 for replacement Flybridge Harnesses.

**ATTENTION: FLYBRIDGE KITS ARE NOT COMPATIBLE WITH OLD STYLE KEY PADS & CONTROL BOXES**

Flybridge Kit Standard or LED Key Pad connecting to the (ALL-IN-ONE) Integrated Tactile Switch Kit
Wiring Diagram - see chart below for part numbers

Standard Switch Kit Part #s	LED Switch Kit Part #s
11841-101	11841-001
11841-102	11841-002
11841-103	11841-003
11841-104	11841-004
11841-105	11841-005

(ALL-IN-ONE) Integrated Tactile Standard / LED Indicator Switch (LED Indicator shown below and sold separately)

Flybridge Harness

Flybridge key pad

Cut-out view

2 1/16" DIAMETER

Locknut

Tools you will need:

Power Drill   2 1/16" Hole Saw

Flybridge Kit LED Key Pad connecting to the (TWO-PIECE) Tactile Switch Kit
Wiring Diagram - see chart below for part numbers

LED Switch Kit Part #s
11941-001
11941-002
11941-003
11941-004
11941-005

Y Connector

NEW (TWO-PIECE) Tactile LED Indicator Key Pad (sold separately)

NEW (TWO-PIECE) Tactile control box (sold separately)

Flybridge Harness

Flybridge key pad

Cut-out view

2 1/16" DIAMETER

Locknut

Tools you will need:

Power Drill   2 1/16" Hole Saw

Flybridge Kit Standard or LED Key Pad
Key pad and bezel dimensions and installation instructions

2.75" (7 cm)

2.75" (7 cm)

2.68" (6.8 cm)

2.33" (5.9 cm)

2.42" (6.15 cm)

2" (5.08 cm)
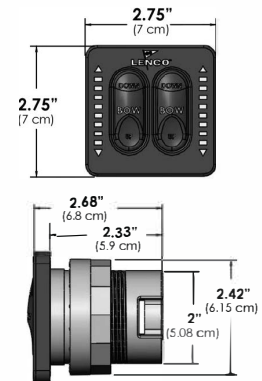
Align the center bit of a 2 1/16" (5.24 cm) hole saw with the cross hairs in the center of the desired mounting area and drill straight down through the console, providing additional clearance for switch and electrical connection. Insert the switch into the console cutout hole then hand-tighten the Bezel Locknut clockwise onto the backside of the key pad.

LENCO TRIM TAB ACTUATOR GUIDE

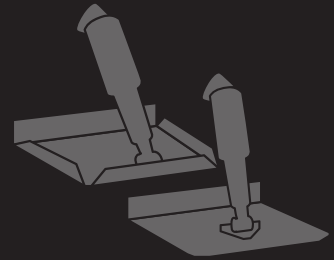## 2 EASY STEPS TO FIND YOUR REPLACEMENT ACTUATOR

step 1
Follow this branding code digit to the chart below to identify the actuator type.

step 2
Follow this branding code digit to identify the hole size(s) for mounting.

Location of the imprinted actuator branding code

5 DIGIT BRANDING CODE [X] [X] [X] [X] [X]

Part #	Actuator Type	Hole Size	Actuator	Stroke Length	Voltage	Wire Length	Top Hole	End Hole
15054-001	A	1	101	2.25"	12V	6'	5/16"	5/16"
15061-001	B	1	101	2.25"	24V	6'	5/16"	5/16"
15055-001	C	2	101XD	2.25"	12V	6'	5/16"	5/16"
15056-001	C	3	101XD	2.25"	12V	6'	3/8"	3/8"
15056-002	C	4	101XD	2.25"	12V	6'	5/16"	3/8"
15062-001	D	2	101XD	2.25"	24V	6'	5/16"	5/16"
15063-001	D	3	101XD	2.25"	24V	6'	3/8"	3/8"
15063-002	D	4	101XD	2.25"	24V	6'	5/16"	3/8"
15057-001	E	2	101XDS	2.25"	12V	6'	5/16"	5/16"
15058-001	E	3	101XDS	2.25"	12V	6'	3/8"	3/8"
15066-001	G	1	102S	4.25"	24V	6'	5/16"	5/16"
15059-001	F	1	102S	4.25"	12V	6'	5/16"	5/16"
15067-001	H	2	102XD	4.25"	24V	6'	5/16"	5/16"
15060-001	P,I,J	2	102HD	4.25"	12V	6'	5/16"	5/16"
15131-001	K,R	2	102HD	4.25"	24V	6'	5/16"	5/16"

LENCO

> *WE MAKE THE BEST BOATS BETTER!*

For actuators not shown on this guide please call Lenco Marine at 772.288.2662 or visit us at lencomarine.com

Actuators
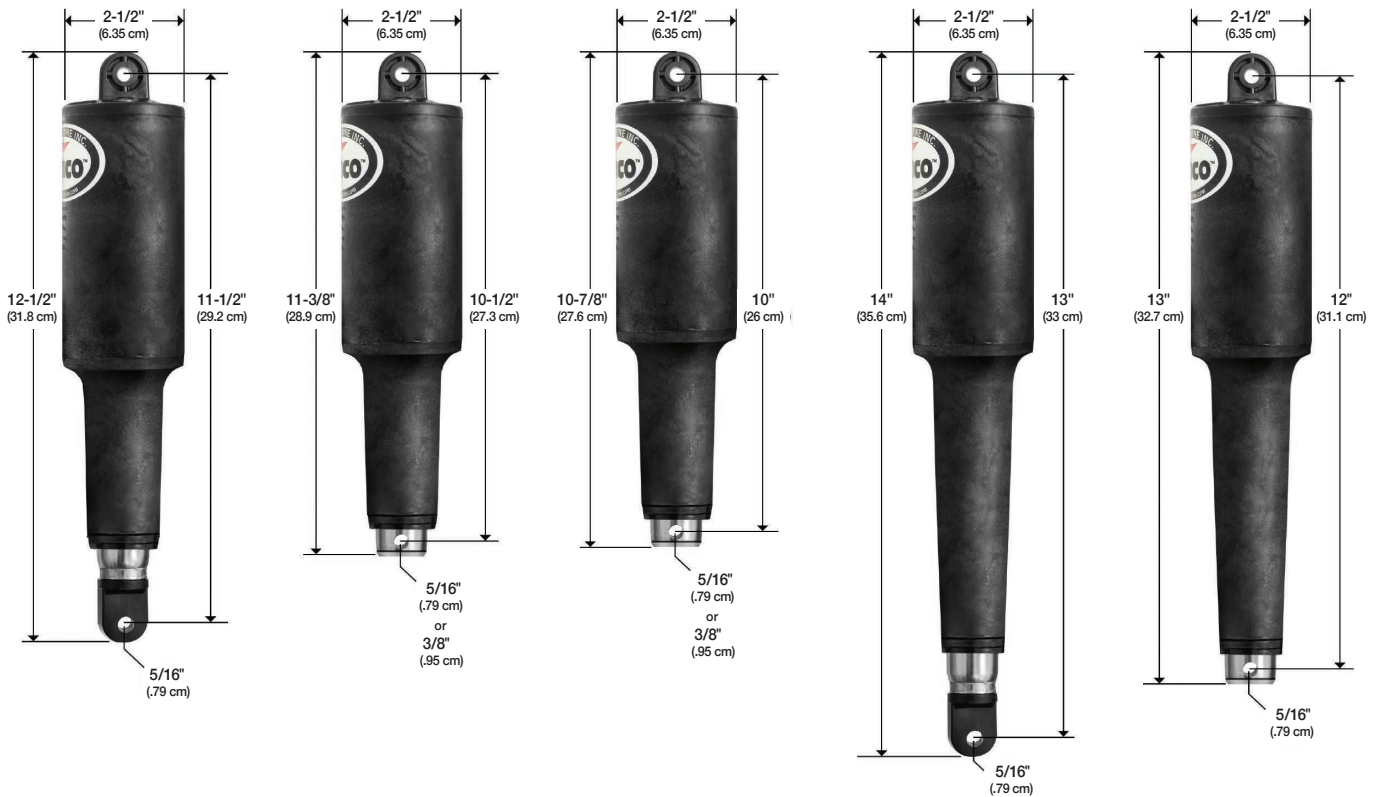
101 Standard Actuator
2-1/4" Stroke (5.715 cm)

The 101 Actuator is used in all Standard, Edge Mount and Standard Performance kits. 2-1/4" stroke - Overall length tip to tip = 12-1/2"

15054-001
12V, 5/16" mounting hardware with 6' cable

15061-001
24V, 5/16" mounting hardware

101 XD Actuator
2-1/4" Stroke (5.715 cm)

The 101XD Actuator is used mostly with HD, XD, High Performance & Super Strong tabs. 2-1/4" stroke Overall length tip to tip = 11-3/8"

15055-001
12V, 5/16" mounting hardware with 6' cable

15062-001
24V, 5/16" mounting hardware with 6' cable

15056-001
12V, 3/8" mounting hardware with 6' cable

15063-001
24V, 3/8" mounting hardware with 6' cable

15056-002
12V, 5/16" upper & 3/8" lower mounting hardware with 6' cable

15063-002
24V, 5/16" upper & 3/8" lower mounting hardware with 6' cable

101 XDS (Short) Actuator
2-1/4" Stroke (5.715 cm)

The 101XDS Actuator is used with OEM specific kits & limited space applications; it is the shortest actuator we manufacture. 2-1/4" stroke. Overall length tip to tip = 10-7/8"

15057-001
12V, 5/16" mounting hardware with 6' cable

15058-001
12V, 3/8" mounting hardware with 6' cable

102 Actuator
4-1/4" Stroke (10.795 cm)

The 102 Actuator is used with Trolling Tab systems sold prior to 2000 and OEM applications. 4-1/4" stroke. Overall length tip to tip = 14"

15059-001
12V, 5/16" mounting hardware with 6' cable

15066-001
24V, 5/16" mounting hardware with 6' cable

102 HD/XD Actuator
4-1/4" Stroke (10.795 cm)

The 102 HD Actuator is used with Trolling Tab systems sold after 2000 and OEM applications. 4-1/4" stroke. Overall length tip to tip = 13"

15060-001 (102 HD)
12V, 5/16" mounting hardware with 6' cable (Shown above)

15131-001 (102 HD)
24V, 5/16" mounting hardware with 6' cable

Replacement Actuators are packaged with Deutsch connectors and all stainless steel mounting hardware. The entire Actuator is fully submersible, maintenance- free and sealed for life with a 5 year warranty.

102 XD Actuator
4-1/4" Stroke (10.795 cm)

15067-001 (102 XD)
Similar to 15060-001 24V, 5/16" mounting hardware with 6' cable & an overall length tip to tip of 13-1/4". (Not shown)

Electric Hatch Lifts 12 & 24 Volt Models

12V and 24V with 2' (61 cm) leads and deutsch connectors. In-line motor design delivers 500 lbs. of force. Includes high impact, corrosion proof mounting brackets and stainless steel pull pins.

Hatch Lift Features

- Clear anodized aluminum tubing
- Sizes 4" (10.1 cm) through 30" (76.2) stroke and available in 12V & 24V
- Complete with 2' (61 cm) lead and Deutsch plug (see actuator extension harnesses on page 42)
- Clutchless ball screw design will not drift, never binds and runs in sync on dual lift applications
- In-line motor design delivers 500 lbs. (226.79 Kg) of force
- Water-resistant and made entirely of non-corrosive materials
- Ball screw spins freely when hatch is fully opened or closed eliminating limit switches and burned out motors
- High impact, corrosion proof mounting brackets with stainless steel pull pins
- Powdered metal gears for strength and precision
- Stainless steel ram locks in any position
- CE-certified, ignition protected and ABYC compliant

ATTENTION 20A circuit breaker & 20A rated switch required.

Optional Hatch Lift accessories available

Stainless Steel Non-locking Slide Bracket
For hatch lifts. In case of power failure, this bracket allows you to pull the hatch open a minimum of 5" (12.7 cm) in order to remove bolt for access.
70381-001

6.25" (15.9 cm)
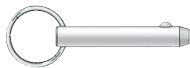
Stainless Steel Pull Pin
Clamshell packaged
60101-001D

Hatch Lift Rocker Switch (Single)
12 & 24 Volt | Single Hatch Lift Application
Rocker Switch for hatch lifts with two 30" non-terminated power leads. This switch is CE certified and ABYC compliant. It is also 20A rated and clam shell packaged.
15096-001

Hatch Lift Rocker Switch (Dual)
12 & 24 Volt | Dual Hatch Lift Application
Rocker Switch for hatch lifts with two 30" non-terminated power leads. This switch is CE certified and ABYC compliant. It is also 20A rated and clam shell packaged.
15098-001

Lenco Electric Hatch Lifts

L.O.A. = Length overall, measuring from top bracket to bottom bracket

12 Volt Models

Part #	Superseded Part #	Approximate L.O.A. Retracted	Approximate Stroke	Approximate L.O.A. Extended
20760-001	HL-400	15" (38.1 cm)	4" (10.1 cm)	19" (48.3 cm)
20762-001	HL-600	20" (50.8 cm)	6" (15.2 cm)	26" (66.0 cm)
20764-001	HL-800S	20" (50.8 cm)	8" (20.3 cm)	28" (71.1 cm)
20766-001	HL-800	24" (60.9 cm)	8" (20.3 cm)	32" (81.2 cm)
20768-001	HL-1200S	24" (60.9 cm)	12" (30.5 cm)	36" (91.4 cm)
20770-001	HL-1200	29" (73.7 cm)	12" (30.5 cm)	41" (104 cm)
20774-001	HL-1600S	29" (73.7 cm)	16" (40.6 cm)	45" (114 cm)
20776-001	HL-1600	33" (83.8 cm)	16" (40.6 cm)	49" (124 cm)
20778-001	HL-2000S	33" (83.8 cm)	20" (50.8 cm)	53" (134 cm)
20780-001	HL-2000	37" (93.9 cm)	20" (50.8 cm)	57" (144 cm)
20782-001	HL-2400S	37" (93.9 cm)	24" (60.9 cm)	61" (154 cm)
20784-001	HL-2400	41" (104 cm)	24" (60.9 cm)	65" (165 cm)
20786-001	HL-2600	47" (119 cm)	26" (66.0 cm)	73" (185 cm)
20788-001	HL-3000	47" (119 cm)	30" (76.2 cm)	77" (195 cm)

24 Volt Models

20761-001	HL-400/24V	15" (38.1 cm)	4" (10.1 cm)	19" (48.3 cm)
20763-001	HL-600/24V	20" (50.8 cm)	6" (15.2 cm)	26" (66.0 cm)
20765-001	HL-800S/24V	20" (50.8 cm)	8" (20.3 cm)	28" (71.1 cm)
20767-001	HL-800/24V	24" (60.9 cm)	8" (20.3 cm)	32" (81.2 cm)
20769-001	HL-1200S/24V	24" (60.9 cm)	12" (30.5 cm)	36" (91.4 cm)
20771-001	HL-1200/24V	29" (73.7 cm)	12" (30.5 cm)	41" (104 cm)
20775-001	HL-1600S/24V	29" (73.7 cm)	16" (40.6 cm)	45" (114 cm)
20777-001	HL-1600/24V	33" (83.8 cm)	16" (40.6 cm)	49" (124 cm)
20779-001	HL-2000S/24V	33" (83.8 cm)	20" (50.8 cm)	53" (134 cm)
20781-001	HL-2000/24V	37" (93.9 cm)	20" (50.8 cm)	57" (144 cm)
20783-001	HL-2400S/24V	37" (93.9 cm)	24" (60.9 cm)	61" (154 cm)
20785-001	HL-2400/24V	41" (104 cm)	24" (60.9 cm)	65" (165 cm)
20787-001	HL-2600/24V	47" (119 cm)	26" (66.0 cm)	73" (185 cm)
20789-001	HL-3000/24V	47" (119 cm)	30" (76.2 cm)	77" (195 cm)

2 YEAR WARRANTY

BENNETT HYDRAULIC-TO-LENCO ELECTRIC

## CONVERSION & PERFORMANCE UPGRADE KIT

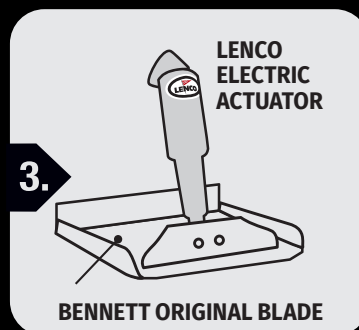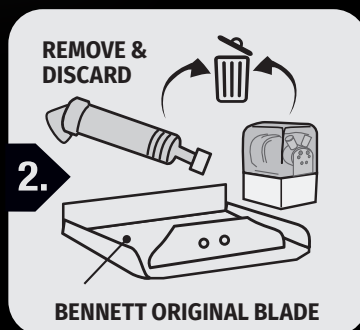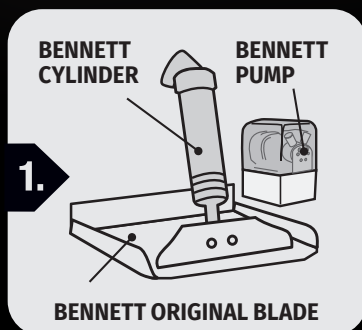**No more replacing unreliable hydraulic pump units**

- ▸ Upgrade to our instant response electric actuators
- ▸ Improved boat performance
- ▸ Eliminate messy hydraulic pump unit
- ▸ Use your existing Bennett trim blades
- ▸ No new holes to drill
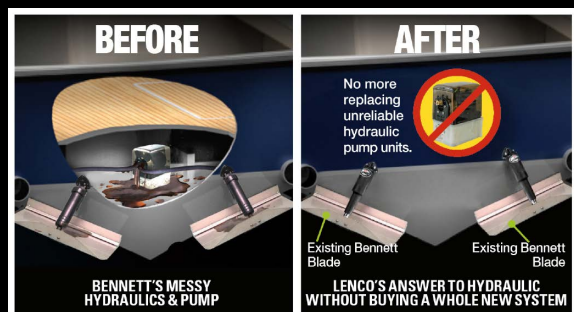- ▸ Retrofits other hydraulic systems with minor modifications

5 YEAR WARRANTY

Use existing Bennett trim blades and hinges
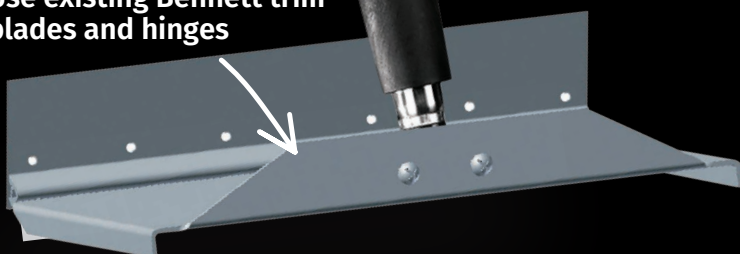
Now you don't have to buy a new boat or an entire new set of trim tabs to get all the advantages of the latest in trim tab technology. Lenco's high-performance instant response actuators are now available to retro fit any boat equipped with the standard length Bennett hydraulic cylinders.

1. BENNETT CYLINDER BENNETT PUMP
BENNETT ORIGINAL BLADE

2. REMOVE & DISCARD
BENNETT ORIGINAL BLADE

3. LENCO ELECTRIC ACTUATOR
BENNETT ORIGINAL BLADE

This simple Conversion & Performance Upgrade Kit includes everything necessary to upgrade your current boat without any drilling or filling of holes. You simply discard the hydraulic pump unit and the two Bennett cylinders. Lenco's new upper mounting brackets fit the existing Bennett mounting holes on the transom. Install the two Lenco electric actuators on your existing Bennett trim blades using the existing lower actuator brackets. Connect our actuator wiring to the existing harness. Jumper wires are included for attaching to current Bennett rocker switch or you may also complement your upgrade kit by adding any Lenco switch kit including the Auto Glide system.

BEFORE
BENNETT'S MESSY HYDRAULICS & PUMP

AFTER
No more replacing unreliable hydraulic pump units.
Existing Bennett Blade   Existing Bennett Blade
LENCO'S ANSWER TO HYDRAULIC WITHOUT BUYING A WHOLE NEW SYSTEM

Part #	Description
15064-001	12 Volt Aftermarket (BRK) Conversion Kit
15065-001	24 Volt Aftermarket (BRK) Conversion Kit

INSTANT RESPONSE **FUEL EFFICIENT** **100% ELECTRIC** **ECO FRIENDLY** **AUTO GLIDE COMPATIBLE**

Standard Finish Blade

Electro-Polish Finish Blade

Limited Space Replacement Blades
11 gauge 304 stainless steel blades
Sold individually

Part #	Blade Series	Blade Finish	L" x W"
50480-001	Limited Space	Standard	4 x 12
50480-021	Limited Space	Electro-Polish	4 x 12

Standard Blade

Edge Mount Blade
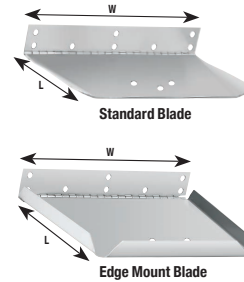
Most Common Replacement Blades
12 gauge 304 stainless steel blades
Sold individually

Part #	Blade Series	Blade Finish	L" x W"
20141-001	Standard	Standard	9 x 12
20149-001	Standard	Standard	12 x 12
20150-001	Standard	Standard	12 x 18
20160-001	Edge Mount	Standard	12 x 12

Replacement Blades Stainless steel blades - Sold individually

Part #	Blade Series	L" x W"	Gauge	Blade Finish	Part #	Blade Series	L" x W"	Gauge	Blade Finish
20797-001	Limited Space XDS	4 x 12	12	Standard	20642-001	Heavy Duty Performance	12 x 12 (port)	12	Electro-Polish
20797-021	Limited Space XDS	4 x 12	12	Electro-Polish	20642-002	Heavy Duty Performance	12 x 12 (starboard)	12	Electro-Polish
20974-001	Limited Space 101	4 x 12	12	Standard	20743-001	Heavy Duty Performance	14 x 12 (port)	12	Electro-Polish
20974-021	Limited Space 101	4 x 12	12	Electro-Polish	20743-002	Heavy Duty Performance	14 x 12 (starboard)	12	Electro-Polish
50480-001	Limited Space	4 x 12	11	Standard	20646-001	Heavy Duty Performance	16 x 12 (port)	12	Electro-Polish
50480-021	Limited Space	4 x 12	11	Electro-Polish	20646-002	Heavy Duty Performance	16 x 12 (starboard)	12	Electro-Polish
20140-001	Standard Series	9 x 9	12	Standard	20644-001	Heavy Duty Performance	18 x 14 (port)	12	Electro-Polish
20141-001	Standard Series	9 x 12	12	Standard	20644-002	Heavy Duty Performance	18 x 14 (starboard)	12	Electro-Polish
20141-021	Standard Series	9 x 12	12	Electro-Polish	20168-001	Super Strong (2016 & Prior)	12 x 18	7	Standard
20142-001	Standard Series	9 x 18	12	Standard	20169-001	Super Strong (2016 & Prior)	12 x 24	7	Standard
20143-001	Standard Series	9 x 24	12	Standard	20170-001	Super Strong (2016 & Prior)	12 x 30	7	Standard
20144-001	Standard Series	9 x 30	12	Standard	20171-001	Super Strong (2016 & Prior)	12 x 36	7	Standard
20145-001	Standard Series	9 x 36	12	Standard	20172-001	Super Strong (2016 & Prior)	16 x 24	7	Standard
20146-001	Standard Series	9 x 40	12	Standard	20173-001	Super Strong (2016 & Prior)	16 x 30	7	Standard
20149-001	Standard Series	12 x 12	12	Standard	20174-001	Super Strong (2016 & Prior)	16 x 36	7	Standard
20149-021	Standard Series	12 x 12	12	Electro-Polish	20175-001	Super Strong (2016 & Prior)	16 x 42	7	Standard
20150-001	Standard Series	12 x 18	12	Standard	21393-001	Super Strong (2017 +)	12 x 18	7	Standard
20151-001	Standard Series	12 x 24	12	Standard	21402-001	Super Strong (2017 +)	12 x 24	7	Standard
20152-001	Standard Series	12 x 30	12	Standard	21452-001	Super Strong (2017 +)	12 x 30	7	Standard
20153-001	Standard Series	12 x 36	12	Standard	21453-001	Super Strong (2017 +)	12 x 36	7	Standard
20154-001	Standard Series	12 x 40	12	Standard	21404-001	Super Strong (2017 +)	16 x 24	7	Standard
20157-001	Edge Mount	9 x 9	12	Standard	21403-001	Super Strong (2017 +)	16 x 30	7	Standard
20158-001	Edge Mount	9 x 12	12	Standard	21405-001	Super Strong (2017 +)	16 x 36	7	Standard
20159-001	Edge Mount	12 x 9	12	Standard	21394-001	Super Strong (2017 +)	16 x 42	7	Standard
20159-021	Edge Mount	12 x 9	12	Electro-Polish	20380-001	High Performance	14 x 12 (port)	7	Electro-Polish
20160-001	Edge Mount	12 x 12	12	Standard	20380-002	High Performance	14 x 12 (starboard)	7	Electro-Polish
20160-021	Edge Mount	12 x 12	12	Electro-Polish	20374-001	High Performance	18 x 12 (port)	7	Electro-Polish
20161-001	Edge Mount	12 x 18	12	Standard	20374-002	High Performance	18 x 12 (starboard)	7	Electro-Polish
20072-001	Standard Performance	9 x 9	12	Electro-Polish	20376-001	High Performance	21 x 14 (port)	7	Electro-Polish
20075-001	Standard Performance	9 x 12	12	Electro-Polish	20376-002	High Performance	21 x 14 (starboard)	7	Electro-Polish
20078-001	Standard Performance	12 x 9	12	Electro-Polish	20378-001	High Performance	25 x 14 (port)	7	Electro-Polish
20081-001	Standard Performance	12 x 12	12	Electro-Polish	20378-002	High Performance	25 x 14 (starboard)	7	Electro-Polish
20084-001	Standard Performance	14 x 12	12	Electro-Polish	20725-001	High Performance	29 x 14 (port)	7	Electro-Polish
20087-001	Standard Performance	16 x 12 (port)	12	Electro-Polish	20725-002	High Performance	29 x 14 (starboard)	7	Electro-Polish
20087-002	Standard Performance	16 x 12 (starboard)	12	Electro-Polish	20129-001	Extreme Duty Perform.	17 x 12 (port)	10	Electro-Polish
20093-001	Standard Performance	18 x 14 (port)	12	Electro-Polish	20129-002	Extreme Duty Perform.	17 x 12 (starboard)	10	Electro-Polish
20093-002	Standard Performance	18 x 14 (starboard)	12	Electro-Polish	20330-001	Extreme Duty Perform.	19 x 14 (port)	10	Electro-Polish
20759-001	Airboat	9 x 12	12	Standard	20330-002	Extreme Duty Perform.	19 x 14 (starboard)	10	Electro-Polish
20845-001	Airboat	9 x 14	12	Standard	20623-001	Extreme Duty Perform.	24 x 14 (port)	10	Electro-Polish
					20623-002	Extreme Duty Perform.	24 x 14 (starboard)	10	Electro-Polish

Universal Actuator Mounting Bracket
**Replacement Kit (for 1 Actuator)**
Includes all stainless steel hardware and Delrin pin. Clamshell packaged.
15099-001

Gland Seal

Part #	Description
15085-001	Upper Mounting Bracket w/ Gland Seal
50015-001	Upper Mounting Bracket w/ Gland Seal
50014-001	Lower Mounting Bracket

120 Lower Mounting Bracket Kit
For XD and XDS Actuators
Used in conjunction with new XD and XDS Actuator applications. Includes all stainless steel hardware. Clamshell packaged.
15140-001
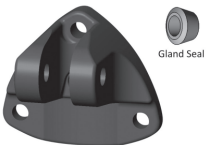
Upper Mounting Bracket
With Gland Seal
Gland Seal
Crastin (3 screw holes, 1 wire hole) 2008 through Current - New Style. Clam shell packaged
15085-001

Standard Upper Mounting Bracket
With Gland Seal
Gland Seal
Crastin (3 screw holes, 1 wire hole) Previous through 2007 - Old Style. Clam shell packaged
50015-001D

7 Degree Mounting Shim
For Upper & Lower Mounting Bracket - Crastin Clam shell packaged - Only compatible with 50014-001D and 50015-001D
50015-002D

Standard Lower Mounting Bracket
Crastin (3 screw holes) Clam shell packaged
50014-001D

Compact Upper Bracket
Gland Seal
Crastin (2 screw holes, 1 wire hole) To be used in applications with limited space - Clam shell packaged
50225-001D

Replacement Hardware for your Lenco Actuator

Universal Actuator Replacement Hardware Kit
Contents will replace all hardware on any (1) Lenco electric actuator. Clam shell packaged.
10250-410D

Retail Clamshell

FOR USE WITH THESE ACTUATORS:

15054-001	15057-001	15061-001	15066-001	15129-001
15055-001	15058-001	15062-001	15067-001	15130-001
15056-001	15059-001	15063-001	15120-001	15131-001
15056-002	15060-001	15063-002	15122-001	15132-001

Hinge & Upper Bracket Mounting Screws
44 replacement screws - Clam shell packaged
10030-001D

Standard Actuator Hardware Kit
Used in conjunction with Lenco 101 & 102 Standard Actuators. Includes all stainless steel hardware and Delrin pins. Clamshell packaged.
10250-401D

Remote Gland Seal Kit
Used as an alternative method by routing the actuator wires through the transom above or below the waterline. Contents: (2) mounts, (2) gland seals and (6) mounting screws. Clam shell packaged.
15084-001

3 3/4" (9.5 cm) Sacrificial Anode
Zinc Sacrificial Anode w/mounting screw. Pack of 2. Clamshell packaged.
15093-001

1 7/8" (4.8 cm) Sacrificial Anode
Zinc Sacrificial Anode w/mounting screw. Pack of 2. Clamshell packaged.
15092-001
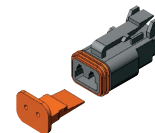
Deutsch Plug Kit (Pack of 5)
Actuator and Actuator Extension Harness Deutsch Plug Kit. Includes 5 plugs and 5 wedges. Clam shell packaged.
15107-001
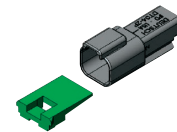
Deutsch Receptacle Kit (Pack of 5)
Actuator Extension Harness Deutsch Receptacle Kit. Includes 5 receptacles and 5 wedges. Clam shell packaged.
15107-002

Deutsch Plug Electrical Repair Kit
Includes 16 pieces total (plugs, receptacles and wedges) **Pins not included.**
Clam shell packaged.
15086-001

Actuator Extension Harnesses
Deutsch Connected & ABYC Compliant
Sold individually - one required per actuator.

Part #	Description
30133-001D	7' (2.3 m) 16-AWG / Clamshell Packaged
30133-002D	14' (4.3 m) 16-AWG / Clamshell Packaged
30133-103D	20' (6.1 m) 14-AWG / Clamshell Packaged
30142-201	26' (7.9 m) 12-AWG / Poly Bagged
30142-202	32' (9.8 m) 12-AWG / Poly Bagged
30142-104	45' (13.7m) 10-AWG / Poly Bagged

Replacement Hatch Lift Pull Pin
Used in conjunction w/ all Lenco 12 & 24 Volt
Hatch Lifts. Clamshell packaged.
60101-001D

Delrin Mounting Pin (2 pack)
For 101 & 102 Actuators (1.5") Pack of 2
15087-001

Delrin Mounting Pin (10 pack)
For 101 & 102 Actuators (1.5")
Dealer pack of 10
15087-002

36" Power Pigtail
36" Pigtail for 124SSR, 123SC & 122 (14-AWG
wires w/ DTP Plug) Clam Shell Packaged.
30140-001D

72" Power Pigtail
72" Pigtail for 124SSR, 123SC & 122 (10-AWG
Wires w/ DTP Plug) Clam Shell Packaged.
30140-202D

72" Power Pigtail
Pigtail for 123DRSCCB Dual Ram Control Box
(10-AWG Wires w/ DTHD Plug) Box Packaged.
10249-001

Replacement Flybridge Second Station Key Pad Extension Harnesses
For extending the distance between the Key Pad
and the control box when the measurement
exceeds 34" (86.4 cm)

Part #	Description
30097-001	10' Key Pad Extension Harness - Overmolded Connector
30097-002	20' Key Pad Extension Harness - Overmolded Connector
30097-003	30' Key Pad Extension Harness - Overmolded Connector
30097-004	40' Key Pad Extension Harness - Overmolded Connector
30097-005	50' Key Pad Extension Harness - Overmolded Connector

Replacement Y Connector Harness Only
Used in conjunction with our Flybridge LED
Indicator Kits. Clamshell packaged.
30209-001D

HD Heavy-Duty Actuator

The Lenco HD Heavy-Duty Actuator is designed to push twice the weight
as its 101 and 102 actuator predecessors. It is intended to be used in conjunction
with multiple Lenco trim tab systems. Boat lengths up to 80'.

Features include
• 1000 lbs push
• Highly durable Polyphthalamide housing
• Larger high torque motor
• Dual gear train parallel configuration
• 3/8" upper and lower mounting capability
• About a 1/2 inch longer than 102 XD
• 14 AWG gauge wire with Deutsch connectors
• Compatible with present switches

15158-001

Front View   Side View   Top View

4.25"

13.60"   12.80"
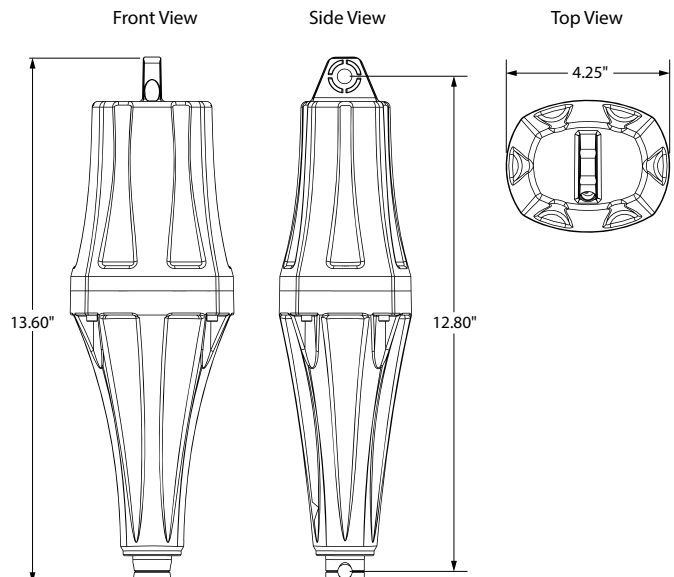
Part #	Description
15158-001	Kit, HD Actuator, 2-1/4" stroke, 6' cable, 12V
15160-001	Kit, HD Actuator, 4-1/4" stroke, 6' cable, 12V

Notes

LNC_CAT_003_0722

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