

00502-211 - HEIGHT ADJUSTMENT SYSTEM

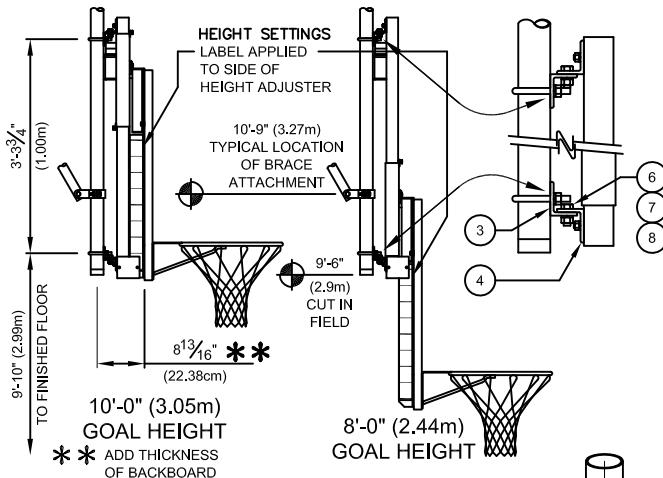
CENTER-STRUT® HEIGHT ADJUSTMENT SYSTEM FOR FAN BACKBOARD - ELECTRIC OPERATION WITH POWR-STICK

Porter

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HEIGHT ADJUSTMENT SYSTEM SPECIFICATION SHEET

B-502-211

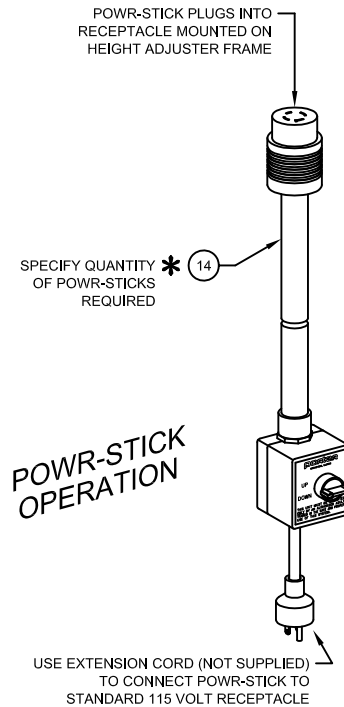
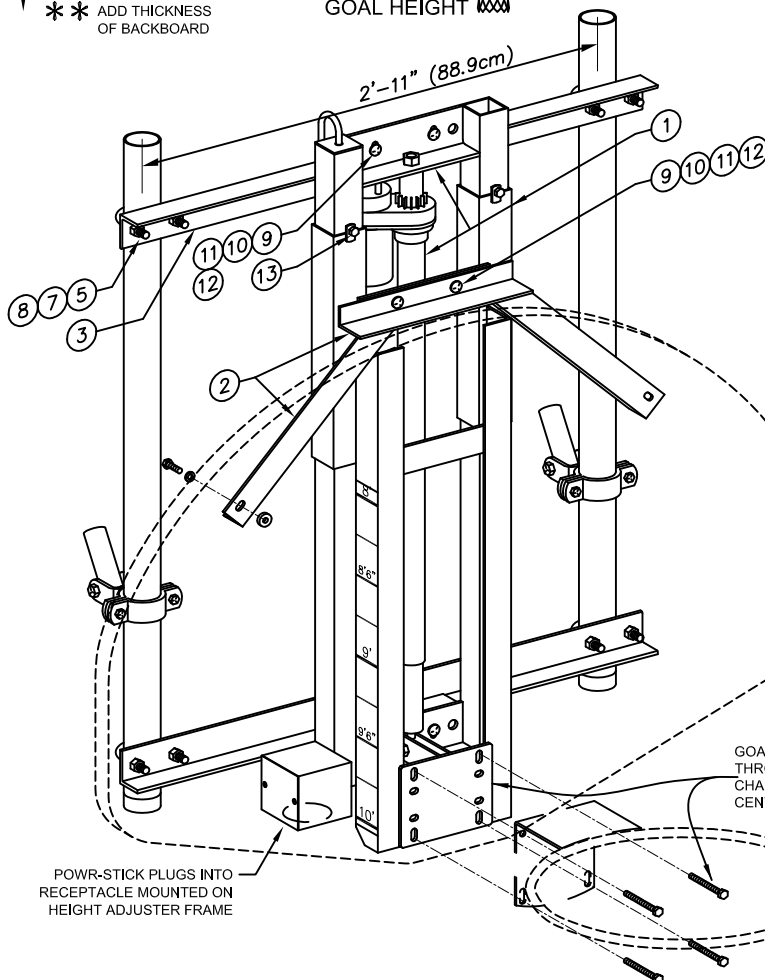


PARTS LIST		
No.	QTY.	DESCRIPTION
1	1	FRME 00206 002 HEIGHT ADJUSTER ASSEMBLY
2	1	FRME 00202 002 FAN BACKBOARD SUPPORT
3	2	ANGL 00191 002 SPAN ANGLE - 3'-4\" Lg.
4	2	ANGL 00190 002 MOUNTING ANGLE - 9\" Lg.
5	4	UBOT 00007 000 U-BOLT
6	4	HDWE 01154 0P0 1/2\" x 1 1/2\" Lg. HEX HEAD CAP SCREW (Grade 5)
7	12	HDWE 04003 0E0 1/2\" LOCKWASHER
8	12	HDWE 03003 0E0 1/2\" HEX NUT
9	6	HDWE 02073 0P0 3/8\" x 1 1/2\" Lg. CARRIAGE BOLT (Grade 5)
10	6	HDWE 05004 0E0 3/8\" FLATWASHER
11	6	HDWE 04002 0E0 3/8\" LOCKWASHER
12	6	HDWE 03002 0E0 3/8\" HEX NUT
13	4	HDWE 01134 000 3/8\" x 1 1/2\" Lg. NYLON BOLT
14	*	00902 000 POWR-STICK ASSEMBLY

* SPECIFY QUANTITY REQUIRED

NOTE

FOR USE ONLY WITH PORTER No. 00267-698 FAN FIBERGLASS, AND PORTER No. 00234-000 Or 00234-300 FAN ALUMINUM, BACKBOARDS.



- _____ - 00502-211 HEIGHT ADJUSTMENT SYSTEM FOR No. 500 SERIES BACKSTOP WITH FAN BACKBOARD - ELECTRIC OPERATION WITH POWR-STICK
- _____ - 00902-000 POWR-STICK ASSEMBLY

Porter®

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PROJECT NUMBER

PROJECT NAME

4/16/2014

00502-211 - HEIGHT ADJUSTMENT SYSTEM

CENTER-STRUT® HEIGHT ADJUSTMENT SYSTEM FOR FAN BACKBOARD - ELECTRIC OPERATION WITH POWR-STICK

SPECIFICATIONS

PORTER No. 00502-211 CENTER-STRUT HEIGHT ADJUSTMENT SYSTEM WITH ELECTRIC POWR-STICK OPERATION FOR USE ON No. 500 SERIES BASKETBALL BACKSTOPS WITH FAN SHAPED BACKBOARDS

Height adjustment unit shall be designed for use with No. 500 series ceiling suspended basketball backstop support systems to provide an adjustable, direct-mount (Center-Strut®) goal attachment system to eliminate any strain on the backboard should a player hang on the front mounted goal (conforms to the latest NCAA recommendation). Height adjustment units without the prescribed direct-mount goal feature will not be approved as equal. Height adjustment feature will allow goal height settings from 8'-0" to the official 10'-0" for use by all age groups. Unit shall be designed for use only with Porter No. 00267-698 fan fiberglass or No. 00234-000 or 00234-300 fan aluminum backboards.

Center unitized support frame shall be fabricated by dual, 2-3/16" square heavy-wall zinc plated guide tubes located on 11-3/16" centers. Ends of guide tubes shall be welded to heavy, formed mounting brackets. Height adjustment assembly mechanism shall be supported to No. 500 line drop frame assembly on 2'-11" centers by heavy structural support angles. Outer dual slide tubes shall support heavy structural steel angle sections which extend downward to accept a direct-mount (Center-Strut®) goal mounting system. Slide tube assembly shall be provided with a heavy steel section to attach a special upper backboard support assembly to secure the unit to the upper two corners of the fan shaped backboard.

Height adjustment unit shall incorporate a compact 115-volt, gear motor type linear actuator with 600 pound thrust capacity to raise and lower the goal height electrically. Motor shall draw 1.4 amps under full load. Integral limit switches shall provide automatic shut off at 8' and 10' goal heights. The motor shall be controlled by a Powr-Stick portable electric control. The Powr-Stick includes a rotary control switch with UP and DOWN positions and a center off position. The Powr-Stick easily plugs into a special receptacle mounted on the height adjuster frame from the floor. With an extension cord (not provided), the Powr-Stick connects to a standard 115-volt wall receptacle, eliminating the necessity for field wiring.

A height setting scale shall be located on the side of the unit to visually determine height settings from 8'-0" to 10'-0" in 3" increments.

Height adjustment frame shall be finished with one coat of flat black enamel. Hardware shall be furnished for mounting unit to a 2-3/8" O.D. vertical support structure on 2'-11" centers.

LIFETIME WARRANTY (ADD TO SPECIFICATIONS AS REQUIRED)

Limited Lifetime warranty on Porter fan shaped fiberglass (00267-698) or aluminum (00234-000 or 00234-300) backboards when used in conjunction with No. 00502-211 Center-Strut® height adjustment unit installed on a Porter No. 500 series support structure.