



BF12-SERIES

Flash Stands

Document # 16-462

Assembly and Operating Instructions

Please review all these instructions prior to assembly.

The BF12-SERIES stands come in two models, standard duty and heavy duty. The stands can be configured as a standard 5 point stand with 360 degree rotation or a 5 point space saver stand with 110 degree rotation. Height adjustment is also available on all models.

Tools Required: (2) ½" wrenches, (1) 7/16" wrench & (1) Philips screw driver

Unpack, identify, and inspect all parts. Report any missing or damaged items.

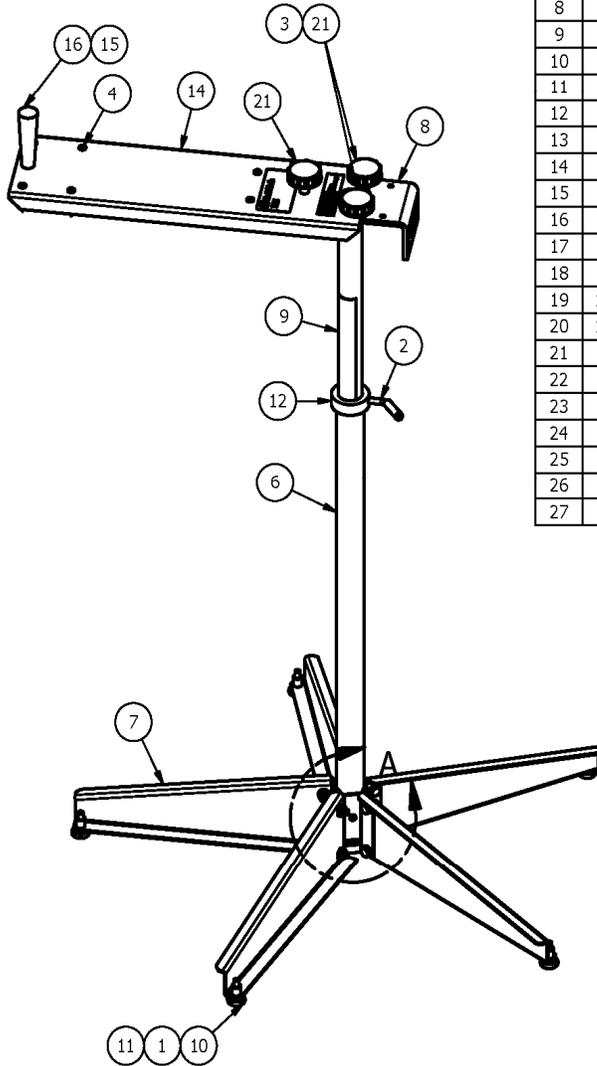
Cover a 4' X 4' area on the floor or work surface with towels, cardboard, carpet, etc. to protect the painted parts from being scratched during assembly.

Determine the model and configuration you are assembling. (Model number on carton, configuration is standard 5 point or space saver.

Find diagram of stand that matches your model number and configuration. Follow the directions after the diagram.

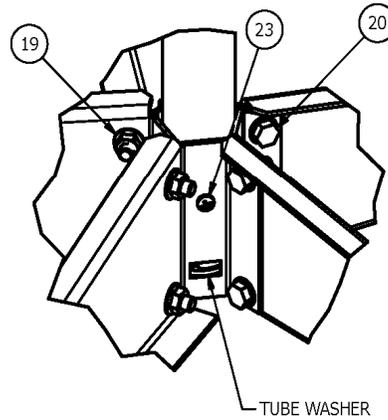
Standard & Heavy Duty Standard 5 Point 360 Degree Rotation

BF12-172
STANDARD DUTY

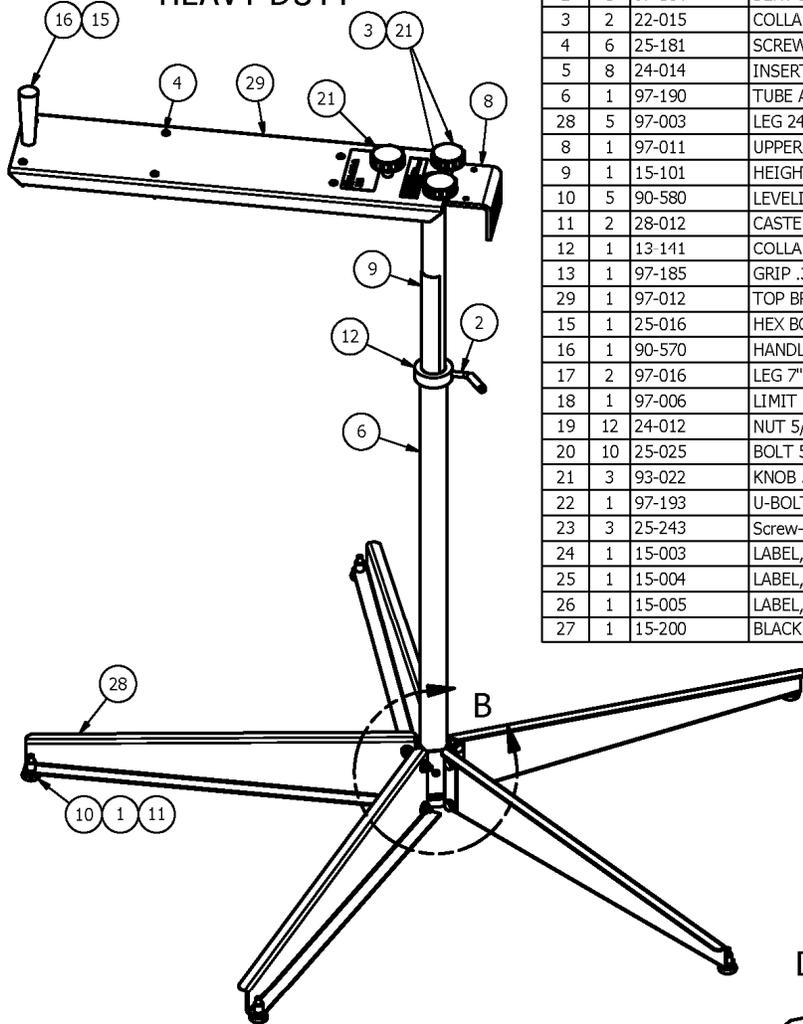


PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	3	28-012-1	CASTER 2"
2	1	97-184	BENT BOLT
3	2	22-015	COLLAR 5/16
4	6	25-181	SCREW-#12x1 3/4, PHSMS, BO
5	8	24-014	INSERT NUT 5/16-18
6	1	97-190	TUBE ASSEMBLY
7	5	97-015	LEG 16"
8	1	97-011	UPPER TUBE
9	1	15-101	HEIGHT DECAL
10	5	90-580	LEVELING FEET 5/16-18
11	2	28-012	CASTER 2" W/BRAKE
12	1	13-141	COLLAR 1 7/16 ID
13	1	97-185	GRIP .31 ID x 2.75L
14	1	97-014	TOP BRACKET
15	1	25-016	HEX BOLT 1/4-20 x 5/8L BO
16	1	90-570	HANDLE-Black 1/4-20 Insert
17	2	97-016	LEG 7"
18	1	97-006	LIMIT BRACKET
19	12	24-012	NUT 5/16-18 SERRATED
20	10	25-025	BOLT 5/16-18 X3/4 SERRATED
21	3	93-022	KNOB 5/16-18 x 1"L STUD
22	1	97-193	U-BOLT
23	3	25-243	Screw-10-32 x 1/2 Taptite
24	1	15-003	LABEL, CLAMP BOLT
25	1	15-004	LABEL, LEVELING
26	1	15-005	LABEL, CENTER LEG
27	1	15-200	BLACK FLASH LABEL

DETAIL A

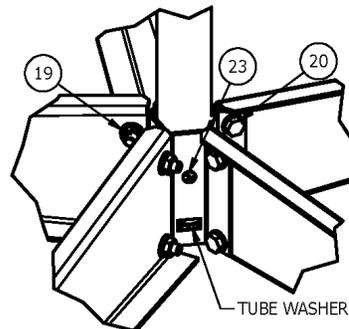


**BF12-174
HEAVY DUTY**



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	3	28-012-1	CASTER 2"
2	1	97-184	BENT BOLT
3	2	22-015	COLLAR 5/16
4	6	25-181	SCREW-#12x1 3/4, PHSMS, BO
5	8	24-014	INSERT NUT 5/16-18
6	1	97-190	TUBE ASSEMBLY
28	5	97-003	LEG 24"
8	1	97-011	UPPER TUBE
9	1	15-101	HEIGHT DECAL
10	5	90-580	LEVELING FEET 5/16-18
11	2	28-012	CASTER 2" W/BRAKE
12	1	13-141	COLLAR 1 7/16 ID
13	1	97-185	GRIP .31 ID x 2.75L
29	1	97-012	TOP BRACKET
15	1	25-016	HEX BOLT 1/4-20 x 5/8L BO
16	1	90-570	HANDLE-Black 1/4-20 Insert
17	2	97-016	LEG 7"
18	1	97-006	LIMIT BRACKET
19	12	24-012	NUT 5/16-18 SERRATED
20	10	25-025	BOLT 5/16-18 X3/4 SERRATED
21	3	93-022	KNOB 5/16-18 x 1" STUD
22	1	97-193	U-BOLT
23	3	25-243	Screw-10-32 x 1/2 TapTite
24	1	15-003	LABEL, CLAMP BOLT
25	1	15-004	LABEL, LEVELING
26	1	15-005	LABEL, CENTER LEG
27	1	15-200	BLACK FLASH LABEL

DETAIL B

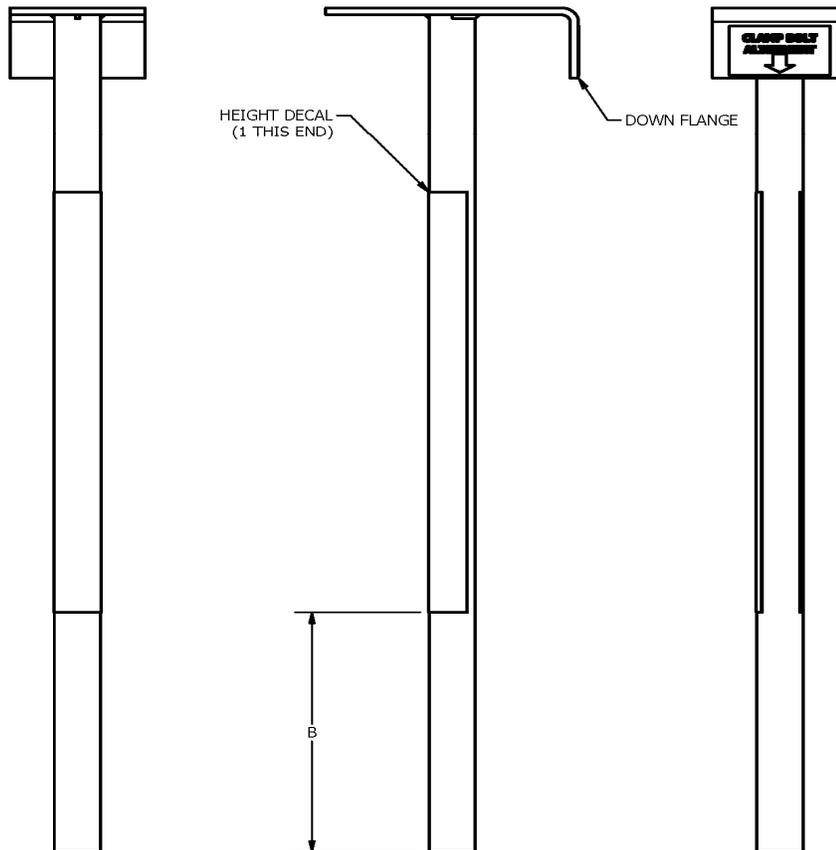


1. Remove screw (23) (3x) from tube assembly (6).
2. Assemble long leg (7 or 28) (3x), tube assembly (6) & screw (23) (3x). Tighten screws. (Washer on tube will rest on slot in legs)
3. Install bolt (20) (4x), nut (19) (4x) loosely into long legs (7 or 28)
4. Install long leg (7 or 28) (2x) with bolt (20) (6x) and nut (19) (6x).
5. Tighten bolt (20) (10x) and nut (19) (10x).
6. Install feet (10) (5x) or casters (11) (2x) and (1) (3x) into legs.
7. Install height decal (9) and upper tube (8). (Decal to always face away from down flange of upper tube) (See formulas and diagram below)

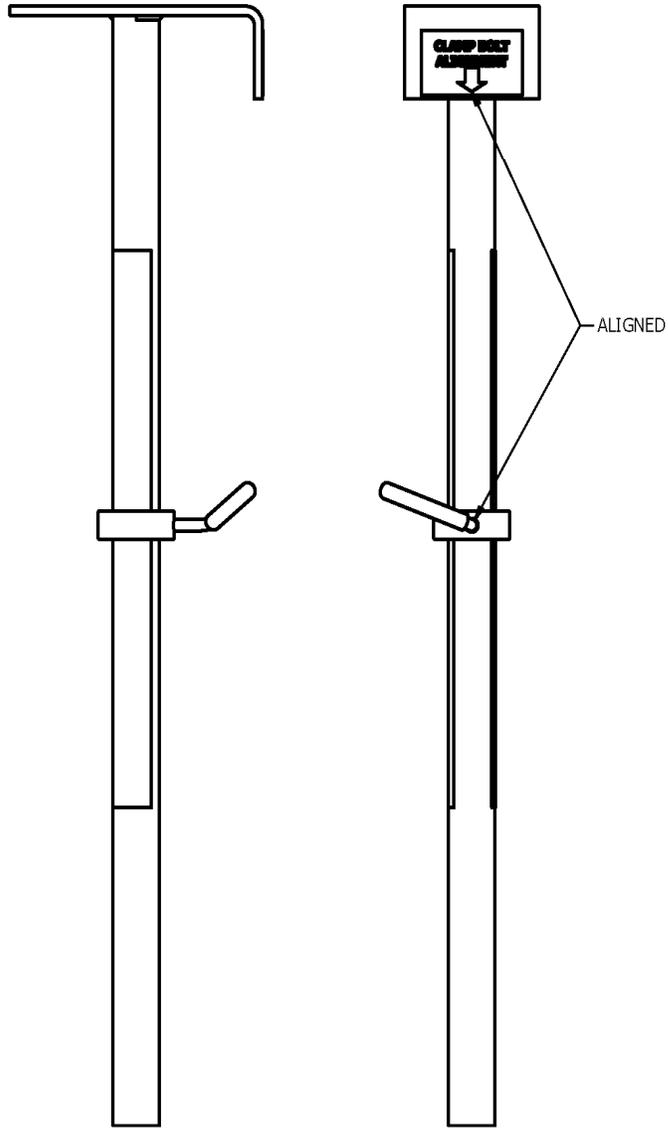
When using feet, use the following formula: $43.5'' - A = B$

When using casters use the following formula: $45.5'' - A = B$

A= Top of shirt board from floor. B= Position of decal on upper tube.



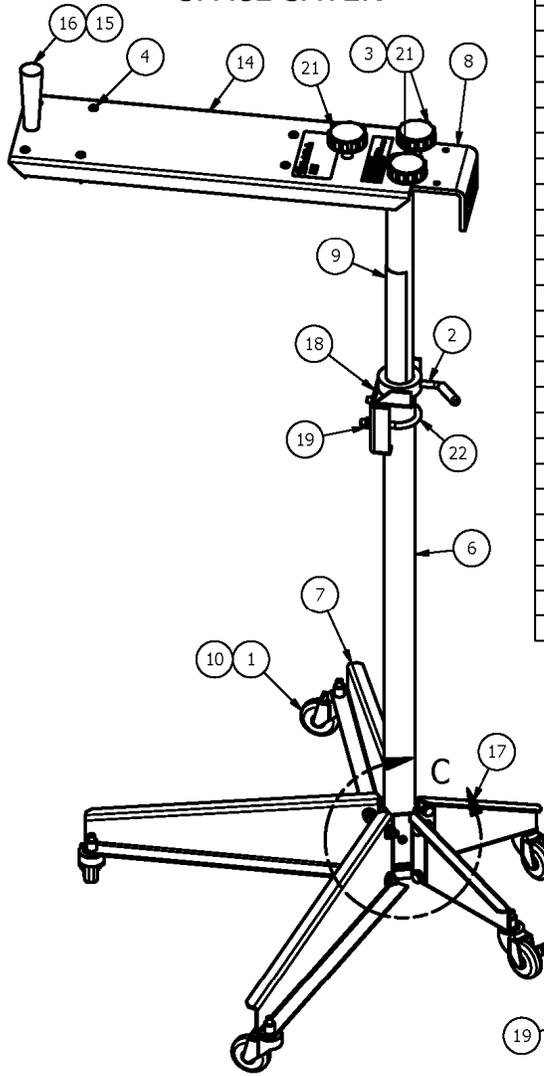
8. Install collar (12) and bent bolt (2) to upper tube (8). (Bent bolt to always be align to down flange arrow) (See diagram below)



9. Install upper tube (8) into tube assembly (6). (Collar will rest on top of tube assembly)
10. Install knob (21) (1x) into threaded hole of top bracket (14 or 29).
11. Hold top bracket (14 or 29) on top of upper tube (8).
12. Install knob (21) (2x) and collar (3) (2x) through top plate and screw into upper tube.
13. Install handle (16) to top bracket with bolt (15).
14. Use screw (4) (6x) to install flash heater.
15. When installing optional heat control, use 2 holes in upper tube.

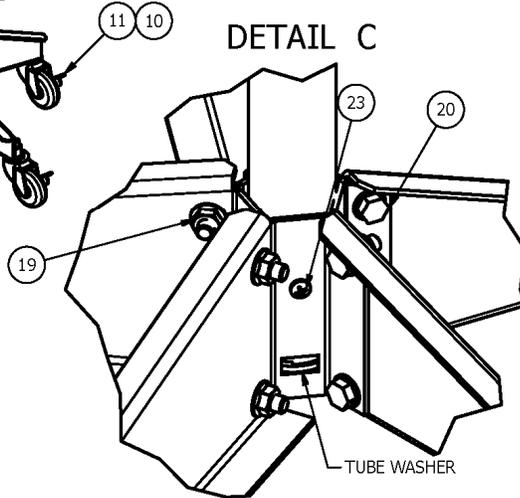
Standard & Heavy Duty 5 Point Space Saver 110 Degree Rotation

BF12-172
STANDARD DUTY
SPACE SAVER

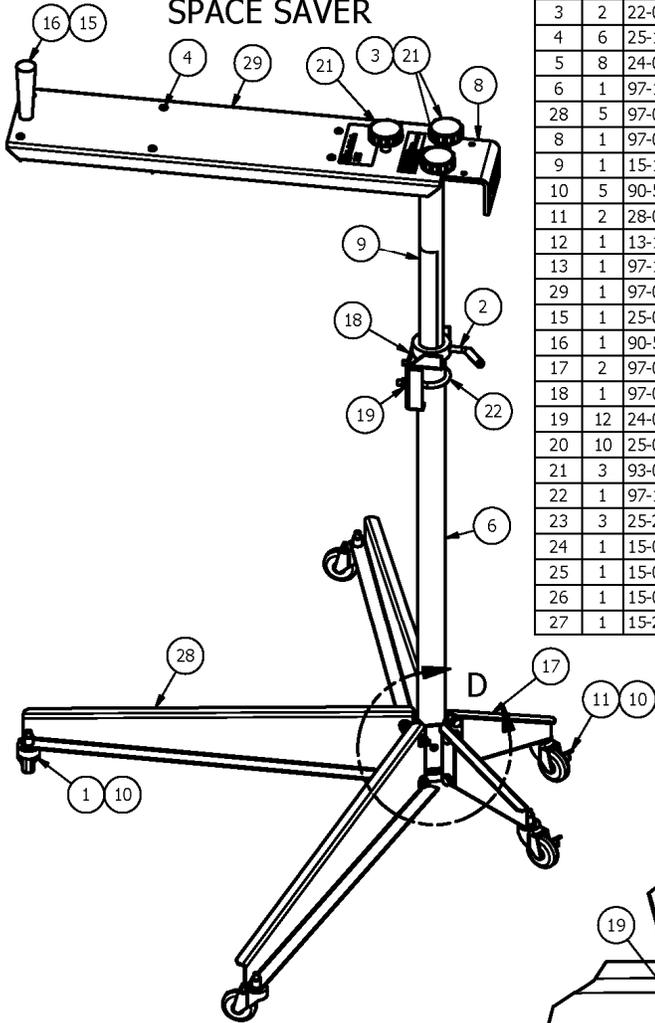


PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	3	28-012-1	CASTER 2"
2	1	97-184	BENT BOLT
3	2	22-015	COLLAR 5/16
4	6	25-181	SCREW-#12x1 3/4, PHSMS, BO
5	8	24-014	INSERT NUT 5/16-18
6	1	97-190	TUBE ASSEMBLY
7	5	97-015	LEG 16"
8	1	97-011	UPPER TUBE
9	1	15-101	HEIGHT DECAL
10	5	90-580	LEVELING FEET 5/16-18
11	2	28-012	CASTER 2" W/BRAKE
12	1	13-141	COLLAR 1 7/16 ID
13	1	97-185	GRIP .31 ID x 2.75L
14	1	97-014	TOP BRACKET
15	1	25-016	HEX BOLT 1/4-20 x 5/8L BO
16	1	90-570	HANDLE-Black 1/4-20 Insert
17	2	97-016	LEG 7"
18	1	97-006	LIMIT BRACKET
19	12	24-012	NUT 5/16-18 SERRATED
20	10	25-025	BOLT 5/16-18 X3/4 SERRATED
21	3	93-022	KNOB 5/16-18 x 1"L STUD
22	1	97-193	U-BOLT
23	3	25-243	Screw-10-32 x 1/2 Taptite
24	1	15-003	LABEL, CLAMP BOLT
25	1	15-004	LABEL, LEVELING
26	1	15-005	LABEL, CENTER LEG
27	1	15-200	BLACK FLASH LABEL

DETAIL C

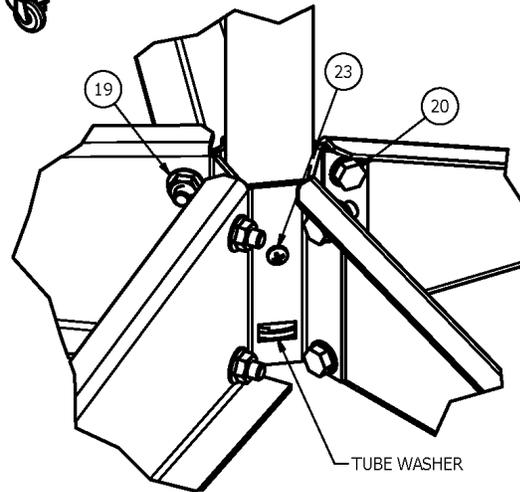


BF12-174 HEAVY DUTY SPACE SAVER

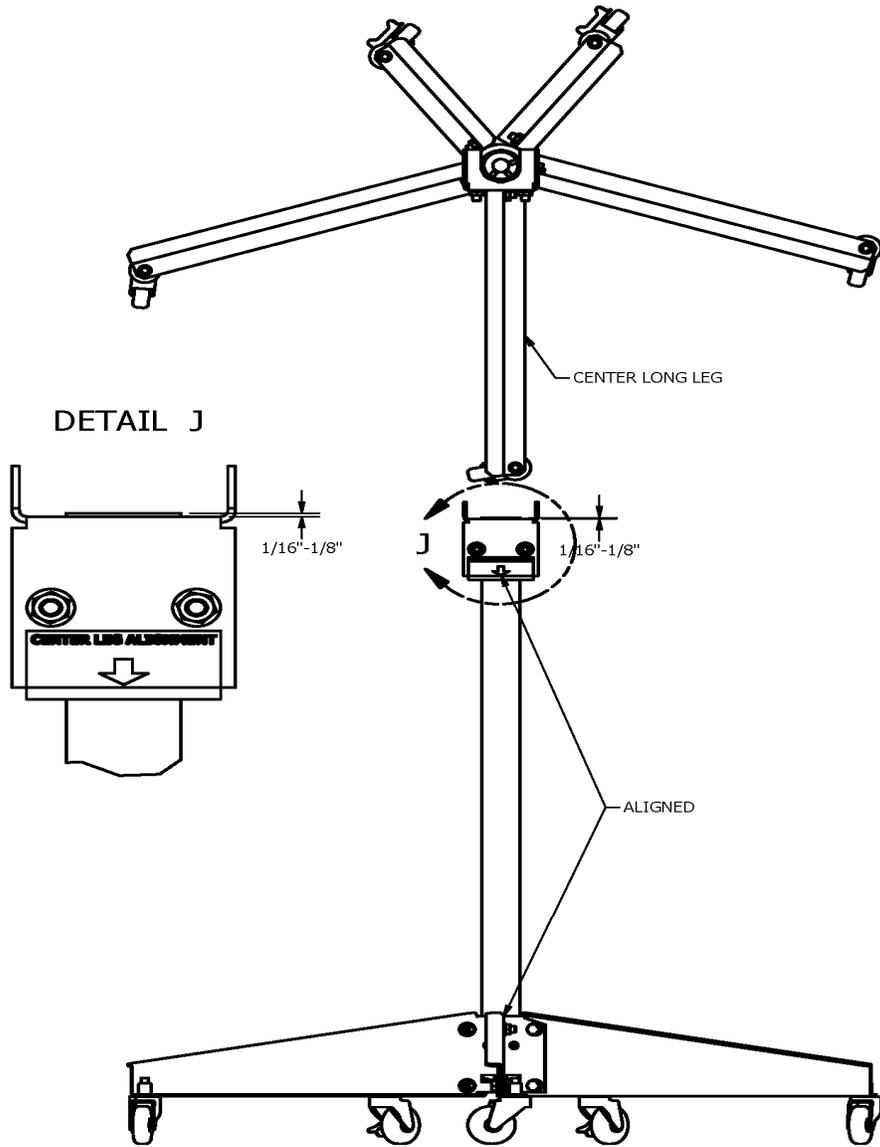


PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	3	28-012-1	CASTER 2"
2	1	97-184	BENT BOLT
3	2	22-015	COLLAR 5/16
4	6	25-181	SCREW-#12x1 3/4, PHSMS, BO
5	8	24-014	INSERT NUT 5/16-18
6	1	97-190	TUBE ASSEMBLY
28	5	97-003	LEG 24"
8	1	97-011	UPPER TUBE
9	1	15-101	HEIGHT DECAL
10	5	90-580	LEVELING FEET 5/16-18
11	2	28-012	CASTER 2" W/BRAKE
12	1	13-141	COLLAR 1 7/16 ID
13	1	97-185	GRIP .31 ID x 2.75L
29	1	97-012	TOP BRACKET
15	1	25-016	HEX BOLT 1/4-20 x 5/8L BO
16	1	90-570	HANDLE-Black 1/4-20 Insert
17	2	97-016	LEG 7"
18	1	97-006	LIMIT BRACKET
19	12	24-012	NUT 5/16-18 SERRATED
20	10	25-025	BOLT 5/16-18 X3/4 SERRATED
21	3	93-022	KNOB 5/16-18 x 1"L STUD
22	1	97-193	U-BOLT
23	3	25-243	Screw-10-32 x 1/2 Taptite
24	1	15-003	LABEL, CLAMP BOLT
25	1	15-004	LABEL, LEVELING
26	1	15-005	LABEL, CENTER LEG
27	1	15-200	BLACK FLASH LABEL

DETAIL D



1. Remove screw (23) (3x) from tube assembly (6).
2. Assemble long leg (7 or 28) (3x), tube assembly (6) & screw (23) (3x). Tighten screws. (Washer on tube will rest on slot in legs)
3. Install bolt (20) (4x), nut (19) (4x) loosely into long legs (7 or 28)
4. Install short leg (17) (2x) with bolt (20) (6x) and nut (19) (6x).
5. Tighten bolt (20) (10x) and nut (19) (10x).
6. Install feet (10) (5x) or casters (11) (2x) and (1) (3x) into legs.
1. Install limit bracket (18), u-bolt (22) and nut (19) (2x) to tube assembly. (Limit bracket must be $1/16''$ - $1/8''$ below tube assembly end) (Limit bracket arrow must always align with center long leg) (See diagram below) **CAUTION: CENTER LONG LEG MUST ALIGN WITH LIMIT BRACKET ARROW TO AVOID TIPPING OF UNIT.**

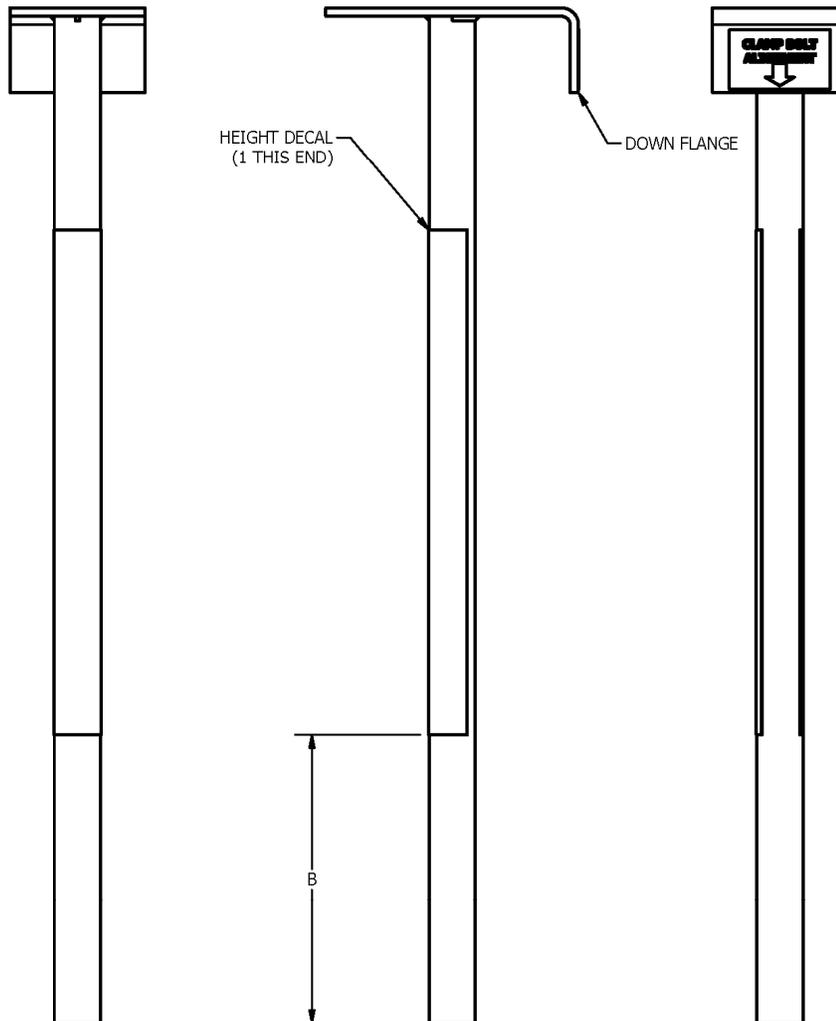


7. Install height decal (9) and upper tube (8). (Decal to always face away from down flange of upper tube) (See formulas and diagram below)

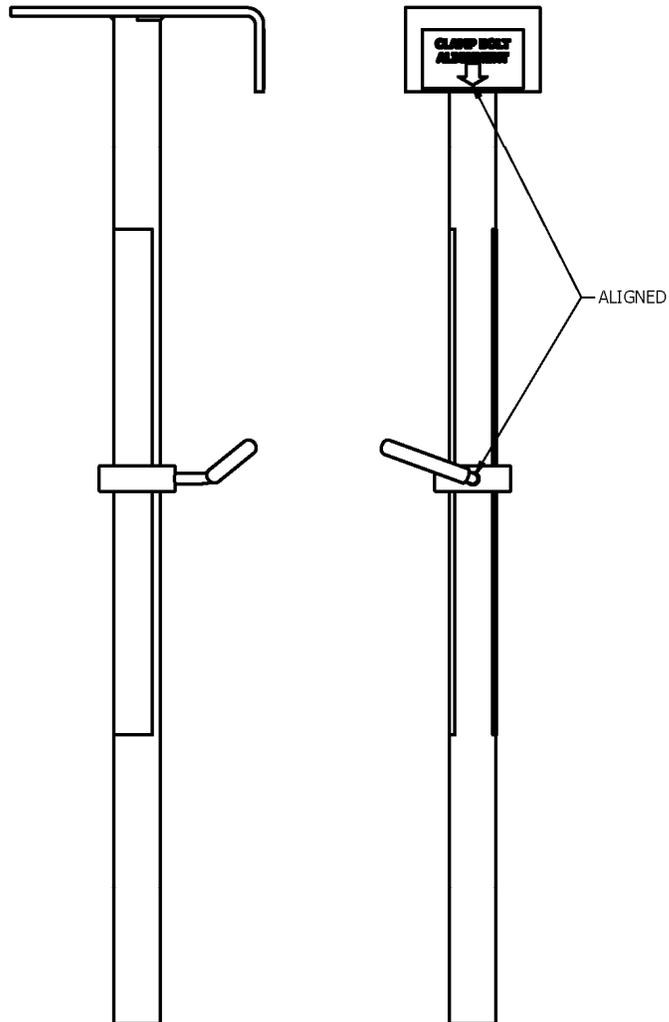
When using feet, use the following formula: $43.5'' - A = B$

When using casters use the following formula: $45.5'' - A = B$

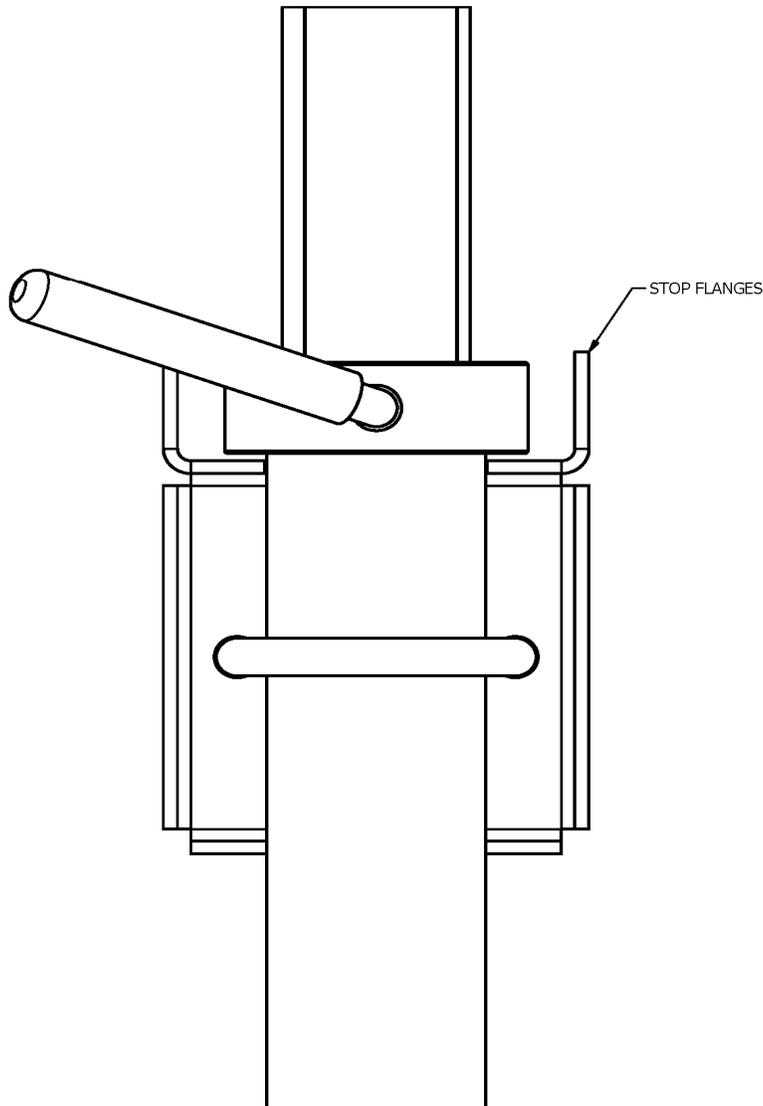
A= Top of shirt board from floor. B= Position of decal on upper tube.



8. Install collar (12) and bent bolt (2) to upper tube (8). (Bent bolt to always be align to down flange arrow) (See diagram below)



9. Install upper tube (8) into tube assembly (6). (Collar will rest on tube assembly) (Bent bolt to always fit between stop flanges of limit bracket (18). (See diagram below)



10. Install knob (21) (1x) into threaded hole of top bracket (14 or 29).
11. Hold top bracket (14 or 99) on top of upper tube (8).
12. Install knob (21) (2x) and collar (3) (2x) through top plate and screw into upper tube.
13. Install handle (16) to top bracket with bolt (15).
14. Use screw (4) (6x) to install flash heater.
15. When installing optional heat control, use 2 holes in upper tube.

Black Flash Accessories

- Heat Control: For greater control of the flash unit temperature.
- Flash-Amatic: For hands free operation from a distance.
- Step Saver: An inexpensive handle to control your Black Flash's movement.

Note: All of these accessories can be added to any Black Flash ever made.

BBC Industries, Inc. - (800) 654-4205 - www.bbcind.com