



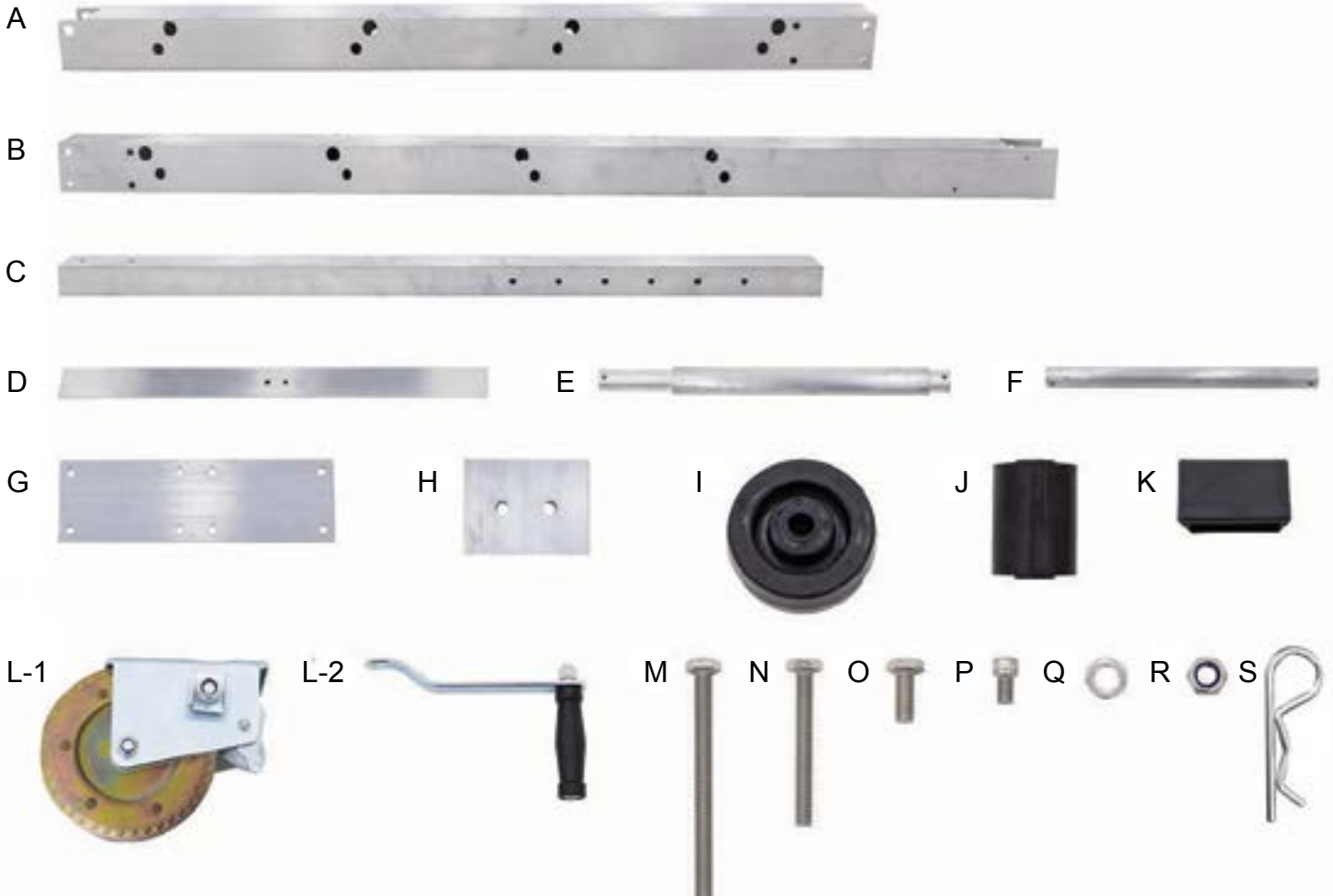
Personal Watercraft Dock

Instructions for Part # PWC-RAMP, PWC-EXT

GENERAL GUIDELINES & SAFETY

- It is the user's responsibility to read and follow all instructions.
- Keep these instructions with the product at all times and review before each use.
- It is the responsibility of this product's owner to furnish the instructions to any person that borrows or purchases the product.
- Inspect the product before use to ensure it is assembled properly and all parts are in safe working order and free of defects.
- Never modify this product in any way.
- All circumstances cannot be addressed in these instructions.
- Please use common sense and practice general safety measures when using this product.
- Parts and/or instructions are subject to change without notice.
- It is the user's responsibility to read and follow all instructions.
- Keep these instructions with the product at all times and review before each use.
- It is the responsibility of this product's owner to furnish the instructions to any person that borrows or purchases the product.
- Inspect the product before use to ensure it is assembled properly and all parts are in safe working order and free of defects.
- Never modify this product in any way.
- Do not exceed the 1,200 lb weight capacity.
- All circumstances cannot be addressed in these instructions.
Please use common sense and practice general safety measures when using this product.
- Parts and/or instructions are subject to change without notice.

PARTS



Part	Description	Quantity
A	Front Beam	1
B	Rear Beam	1
C	Winch Post	1
D	Angle Foot	2
E	Wheel Rod	16
F	Roller Rod	1
G	Connector Plate	2
H	Rear Foot Spacer	1
I	Wheel	18
J	Roller	1

Part	Description	Quantity
K	End Cap Plug	1
L-1	Winch	1
L-2	Winch Handle	1
M	M10-1.5x120 Hex Cap Bolt	2
N	M10-1.5x80 Hex Cap Bolt	2
O	M10-1.5x25 Hex Cap Bolt	4
P	M10-1.5x16 Socket Head Bolt	16
Q	M10 Washer	24
R	M10 Nut	8
S	R Pin	34

Tools needed: M8 hex key, 17mm wrenches, 19mm wrench

Apply 1 to 2 drops of oil/ lubricant (not included) to the tips of all screws pre- assembly.

Assembly

Step 1: Connect the front beam (A) and rear beam (B) using the connector plates (G) and socket head bolts (P). Only tighten loosely until all bolts are in place. Then, tighten with an M8 Allen wrench. Do not over-tighten.



Step 2: Attach one angle foot (D) to the rear beam (B) using the rear foot spacer (H), M10x80 bolts (N), washers (Q), and nuts (R). Tighten securely with 17mm wrenches.



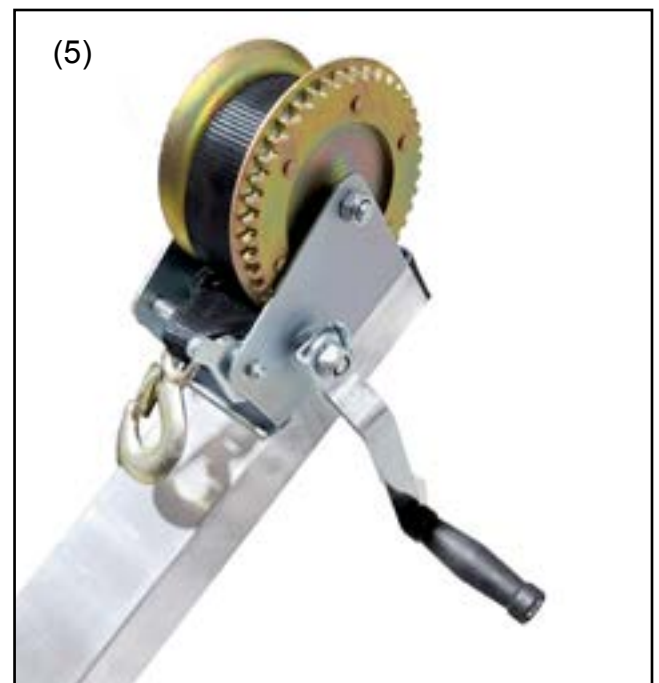
Step 3: Attach the winch post (C) to the front beam (A) using the M10x130 bolts (M), washers (Q), and nuts (R). This post may be set to the adjustment that best suits your needs. Tighten securely with 17mm wrenches.



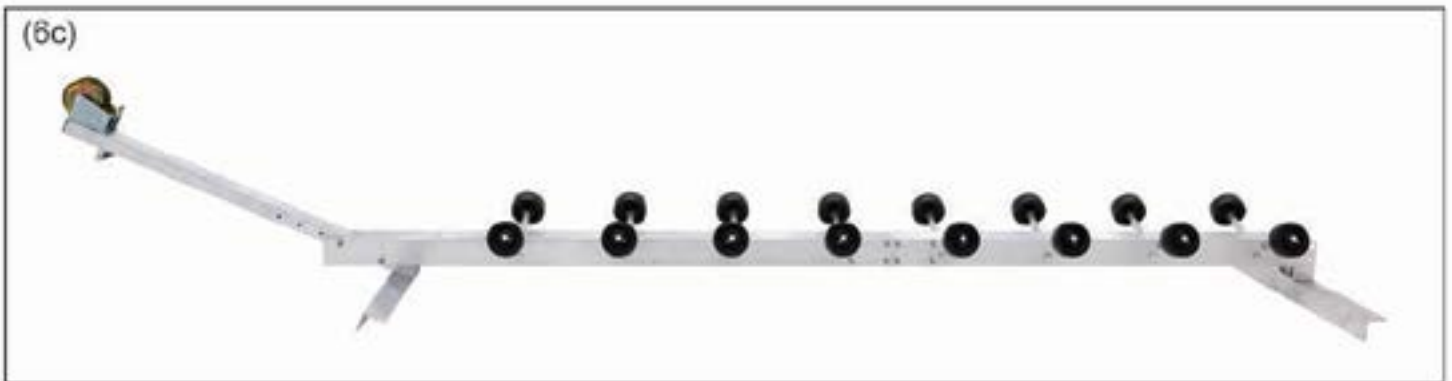
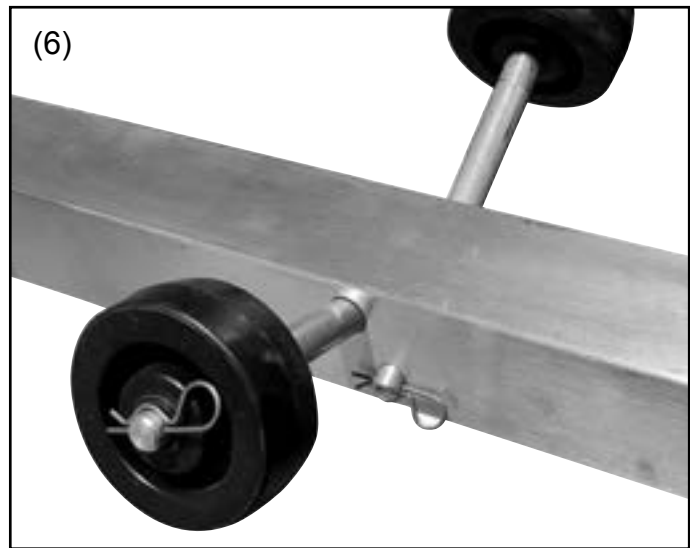
Step 4: Attach the other angle foot (D) to the bottom of the winch post (C) using two M10x25 bolts (O), washers (Q), and nuts (R). Tighten securely with 17mm wrenches.



Step 5: Attach the winch handle (L-2) to the winch (L-1) by unscrewing the nut on the side of the winch, fitting the handle in place, then securely reattaching the nut with a 19mm wrench. Attach the winch assembly to the winch post using two M10x25 bolts (O), washers (Q), and nuts (R). Tighten securely with 17mm wrenches. Fit the end cap plug (K) into the end of the top of the winch post, using a rubber mallet to hammer it into place.



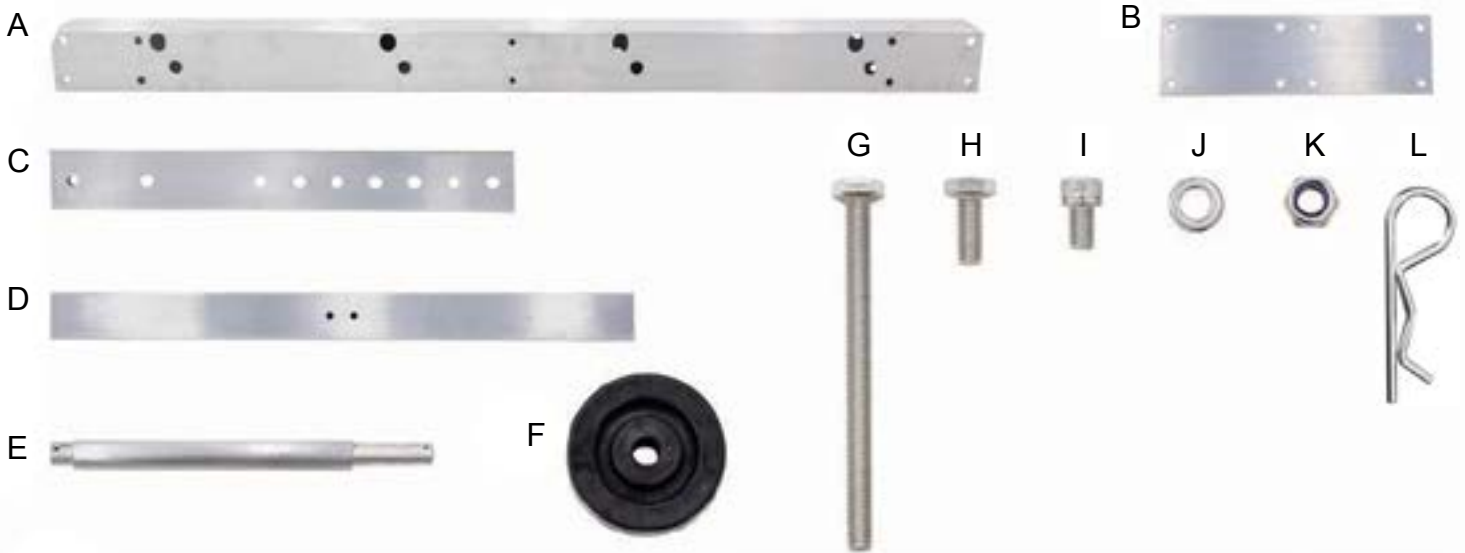
Step 6: Attach the wheels to the main body using the roller rods (F), wheels (I), and R clips (S). Fit the end of the roller rod with the smaller indent into a top larger hole, then slide it through the beam into the opposite bottom smaller hole. Fit the wheel in place, then secure each end with a R clip, bending the pin with a needle-nose pliers to secure.



Step 7: Attach the remaining two wheels (I) and roller (J) to the end of the rear beam using the roller rod (F) and R clips (S). Slide the roller rod into one hole, through the roller fit into the space in the beam, then through the second hole. Fit the wheels onto each end, and secure with R clips, bending with a pliers to secure.



Optional Extension - Parts



Part	Description	Quantity
A	Center Beam	1
B	Connector Plate	2
C	Leg	2
D	Angle Foot	1
E	Wheel Rod	8
F	Wheel	8

Part	Description	Quantity
G	M10-1.5x120 Hex Cap Bolt	2
H	M10-1.5x25 Hex Cap Bolt	4
I	M10-1.5x16 Socket Head Bolt	18
J	M10 Washer	20
K	M10 Nut	6
L	R clip	16

Assembly

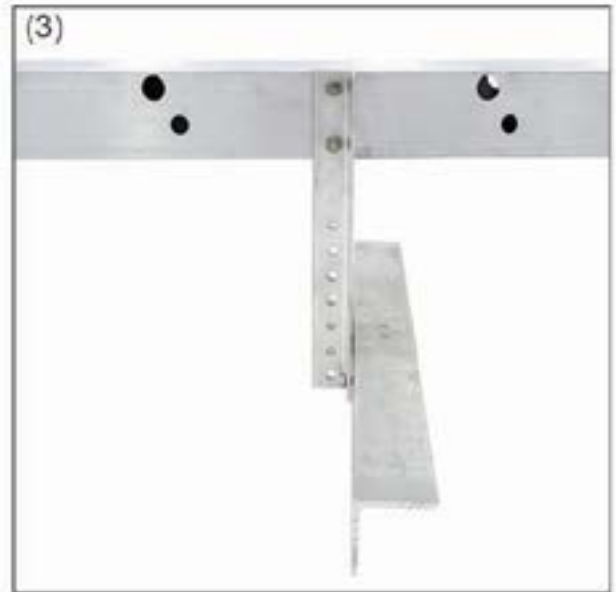
Step 1: If the PWC dock is already assembled, disconnect and separate the two beams by removing the bolts from one side of the connector plates. (If assembling at the same time as the rest of the dock, install the wheels last to keep the dock lighter and easier to maneuver.) Install the center beam (A) between the front and rear beams using the connector plates (B) and socket head bolts (I). Only tighten loosely until all bolts are in place. Then, tighten with an M8 Allen wrench. Do not over-tighten.



Step 2: Install the legs (C) onto the center beam (A) using the M10x130 bolts (G), washers (J), and nuts (K). Tighten securely with 17mm wrenches.



Step 3: Install the angle foot (D) onto the legs (C) using the M10x25 bolts (2), washers (J), and nuts (K). The foot may be set to the adjustment that best suits your needs. Tighten securely with 17mm wrenches.



Step 4: Install the wheels (F) using the wheel rods (E) and R clips (L) as described in Step 6 of main kit instructions above.

