



MOUNTING & ASSEMBLY GUIDE FOR TECHNICALLY BUILT® COBRA ARM™ & COBRA ARM MINI™

TBMNT-CBRA / TBMNTCBRM

TOOLS REQUIRED FOR ASSEMBLY



LEVEL



STUD FINDER



PHILLIPS
SCREWDRIVER



DRILL

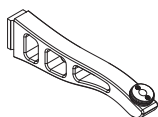


DRILL
BITS

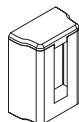
INCLUDED ITEMS

TBMNT-CBRA/CBRM

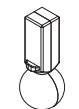
COBRA ARM (X1)



WALL BRACKET
& CAP (X1)



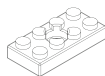
BALL JOINT (X1)



BALL JOINT
RETAINER (X1)



NAME PLACARD
MOUNT (X1)



LARGE SCREWS (X2)



SMALL SCREWS (X1)



LARGE ANCHORS (X3)

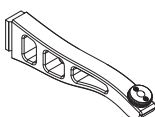


SMALL ANCHORS (X1)

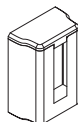


TBMNT-CBRA/CBRM-SHLF

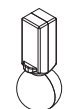
COBRA ARM (X1)



WALL BRACKET
& CAP (X1)



BALL JOINT (X1)



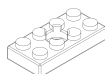
BALL JOINT
RETAINER (X1)



TB MINIFIG
FLOATING SHELF (X1)



NAME PLACARD
MOUNT (X1)



LARGE SCREWS (X2)



SMALL SCREWS (X2)



LARGE ANCHORS (X3)



SMALL ANCHORS (X2)



STEP 1

Locate a wall stud using a stud finder where you want to display your set. Hold the Cobra Arm wall bracket against the wall and use a level on the flat top surface to ensure it is straight. Mark the mounting holes by pressing a screw or pencil into each hole.

Drill pilot holes using a drill bit slightly smaller than the included large screws. Begin driving the screws with the drill and a Phillips bit, but **do not fully tighten with the drill to avoid damaging the mount. Finish tightening by hand with a screwdriver** (Fig. 1).

If using wall anchors instead of a stud, follow the same marking process, then drill 1/4" pilot holes. Insert the included anchors and tap them flush with the wall using a rubber mallet if needed. Then install the screws as described above.

Slide the Cobra Arm into the wall bracket with the ball joint threads facing upward (Fig. 2). Once fully inserted, install the wall bracket cap onto the wall bracket for a clean, finished appearance (Fig. 3).

Visit the link below to match the ball joints to their specific sets
<https://technicallybuilt.com/pages/cobra-arm>

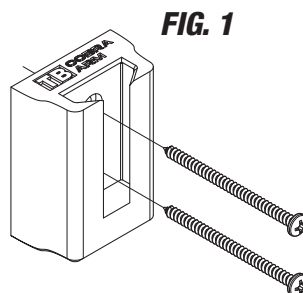


FIG. 1

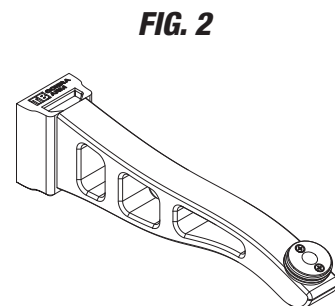


FIG. 2

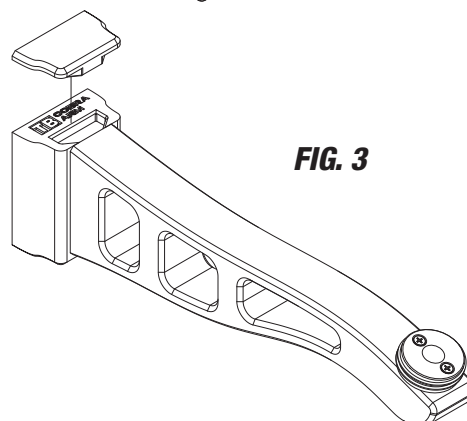


FIG. 3



WARNING



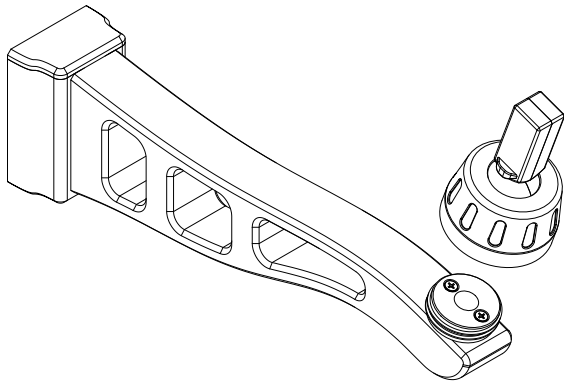
DO NOT USE DRILL TO DO FINAL TIGHTENING.
DAMAGE TO THE MOUNTS CAN OCCUR.

USE A PHILLIPS SCREWDRIVER TO TIGHTEN
DOWN THE MOUNTS.

ANCHORS ARE INCLUDED WITH THE COBRA ARM, BUT
IT IS HIGHLY RECOMMENDED TO SCREW DIRECTLY INTO
STUDS FOR MAXIMUM STRENGTH.

STEP 2

Unscrew the ball joint retainer from the Cobra Arm. Insert the included ball joint up through the retainer, then screw the retainer back onto the Cobra Arm and tighten slightly.

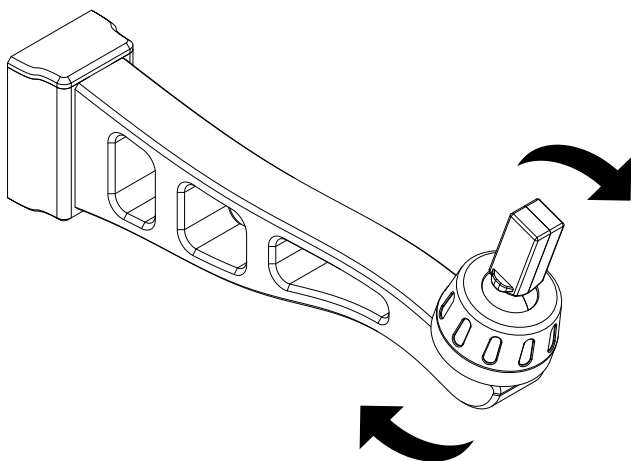


STEP 3

While securely holding your set, slide the Cobra Arm ball joint into the set's display stand slot located on the bottom of the set. DO NOT let go of the set.

While continuing to support the set, slightly loosen the ball joint retainer and position the set in your desired orientation. Tighten the ball joint retainer until the set is firmly held in place with no unwanted movement.

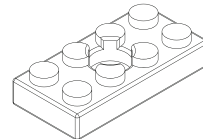
Ensure the ball joint retainer is securely tightened and the set does not move before letting go. Periodically checking the ball joint retainer for proper tightness is recommended.



STEP 4

Install the name placard mount in your desired location near the set. Drill a pilot hole for the small anchor using a 3/16" drill bit. Insert the anchor, then secure the mount with the small screw and a screwdriver while keeping it level. Place the name placard onto the mount.

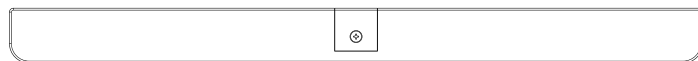
NAME PLACARD MOUNT



STEP 5

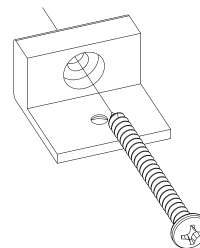
FOR COBRA ARM SHELF VARIATIONS

Using a small Phillips screwdriver, remove the M3 screw(s) from the bottom of the TB Floating Shelf. *Shelf size may vary depending on the set, but the assembly process remains the same.*



Position the bracket(s) on the wall where you want the shelf, using a level to keep it straight, and mark the drill holes.

Drill the pilot hole(s) with a 3/16" bit, insert the anchor(s), and tap them flush with a rubber mallet if needed. Secure the bracket(s) with a Phillips screwdriver.



Place the shelf onto the bracket(s) and reinstall the M3 screw(s) from the bottom until snug—DO NOT overtighten. Display your minifigures on the shelf.

