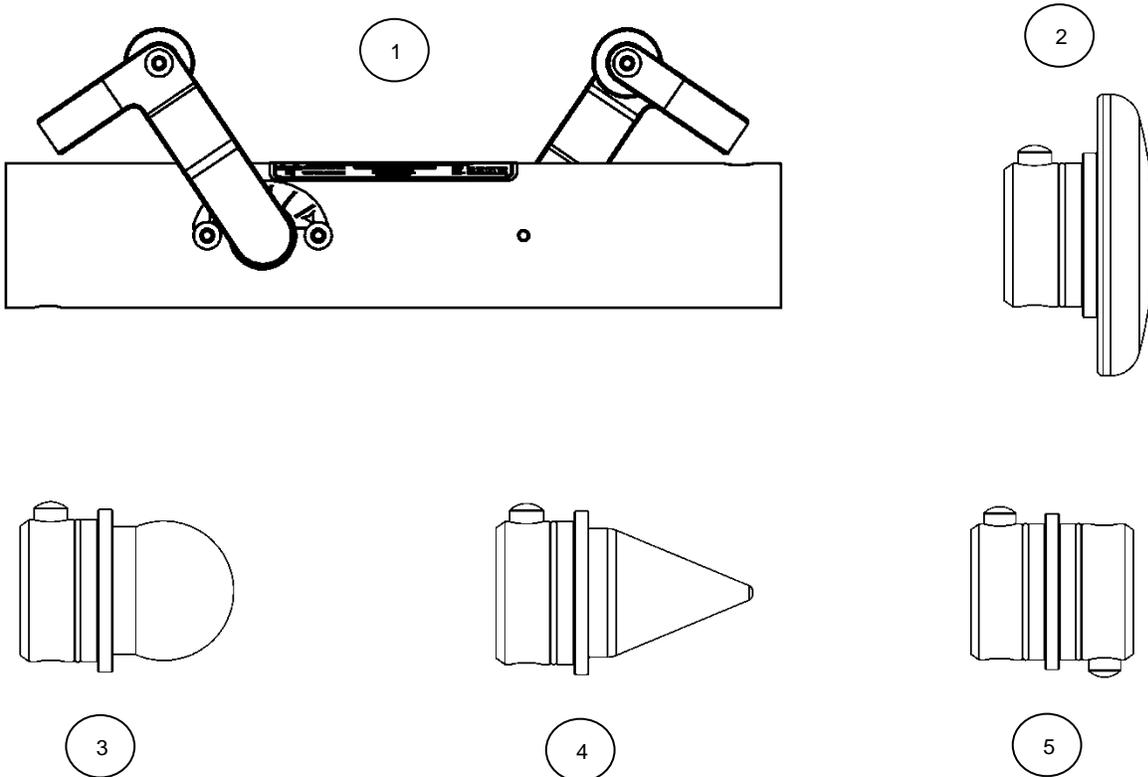


## INSTRUCTION SHEET MODULAR BATTERING RAM (MBR) KIT, PN: 22-000870T

### KIT COMPONENTS:

1. MBR Body, PN 22-000871T: High strength tubing with integrated adjustable handles; ambidextrous design accepts any head or coupler on either end. Component weight, 15.3 lbs. (6.9 kg).
2. MBR Standard Head, PN 22-015610T: Designed to produce maximum impact force with a large surface area and rounded edges to disperse energy evenly onto the breaching surface. Component weight, 11.7 lbs. (5.3 kg).
3. MBR Ball Head, PN 22-015611T: Smaller and lighter, this tool head has a spherical contact surface designed for breaking. Component weight, 8.1 lbs. (3.7 kg).
4. MBR Cone Head, PN 22-015612T: This pointed tool head has a cone shape surface that is ideal for piercing. Component weight, 6.8 lbs. (3.1 kg).
5. MBR Coupler, PN 22-000875T: Used to join two or more MBR Bodies together to create a multiple person ram or large one person ram. Component weight, 7.5 lbs. (3.4 kg).

FIGURE-1

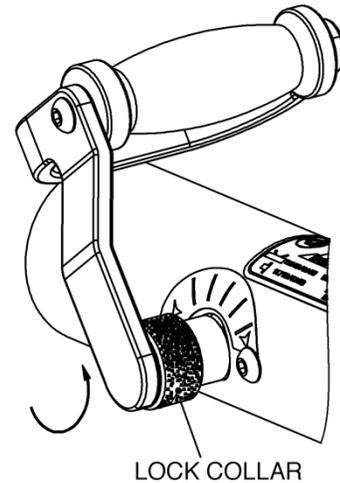


## **HANDLE ADJUSTMENT:**

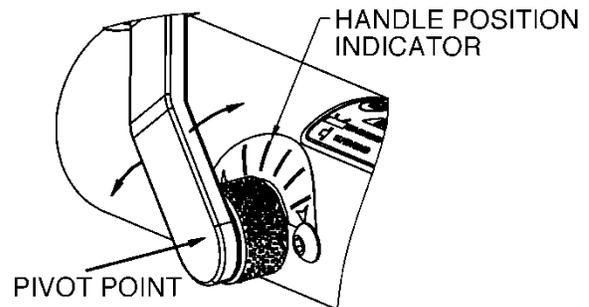
Each handle can be independently adjusted to one of five distinct settings to accommodate individual comfort, multiple man operation, or storage requirements.

To adjust the handle:

1. Loosen the lock-collar by turning the knurled surface counter clockwise until it stops against the handle. The lock-collar will move outward approximately 4 turns.

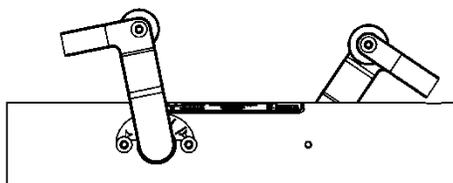


2. Holding the handle and lock-collar about their pivot point, push **inward** to disengage its position.
3. Rotate the handle to the desired position using the position indicator label as a guide. As you rotate, gently pull back at the pivot point to find the next position.

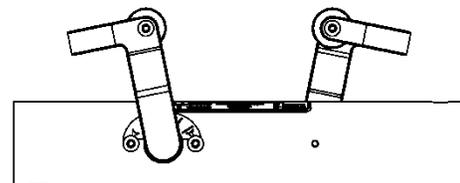


4. Lock the handle into the selected position by rotating the knurled lock-collar surface clockwise until hand tight. Reference Figure-2 for a few typical handle positions.

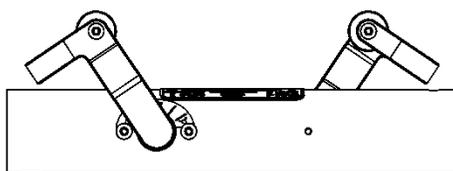
**FIGURE-2**



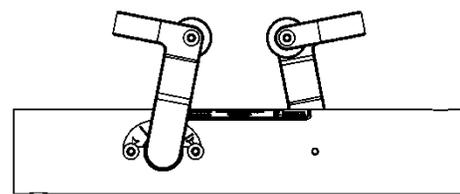
ONE KNUCKLE-GUARD UP



BOTH KNUCKLE-GUARDS UP



OPTIMAL CENTER OF GRAVITY

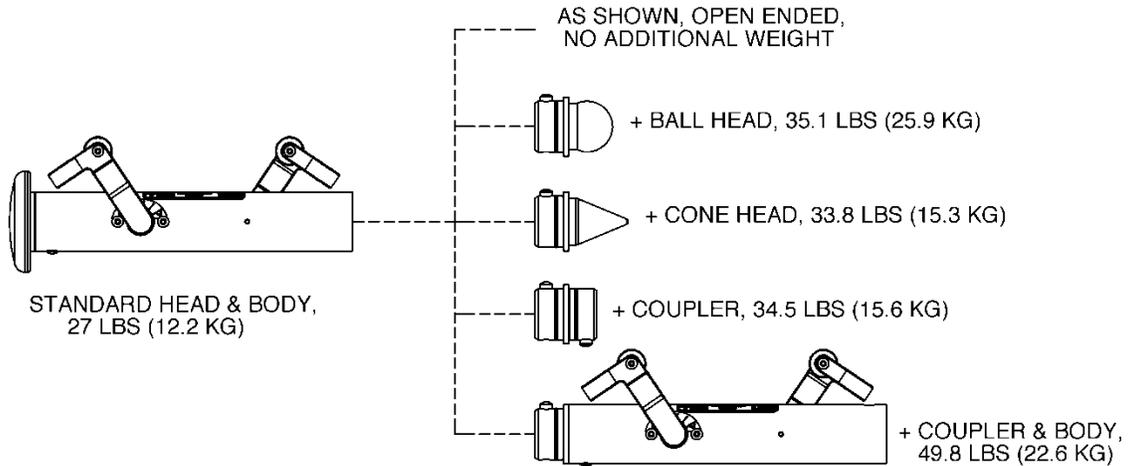


HANDLES CLOSE FOR TIGHT SPACES

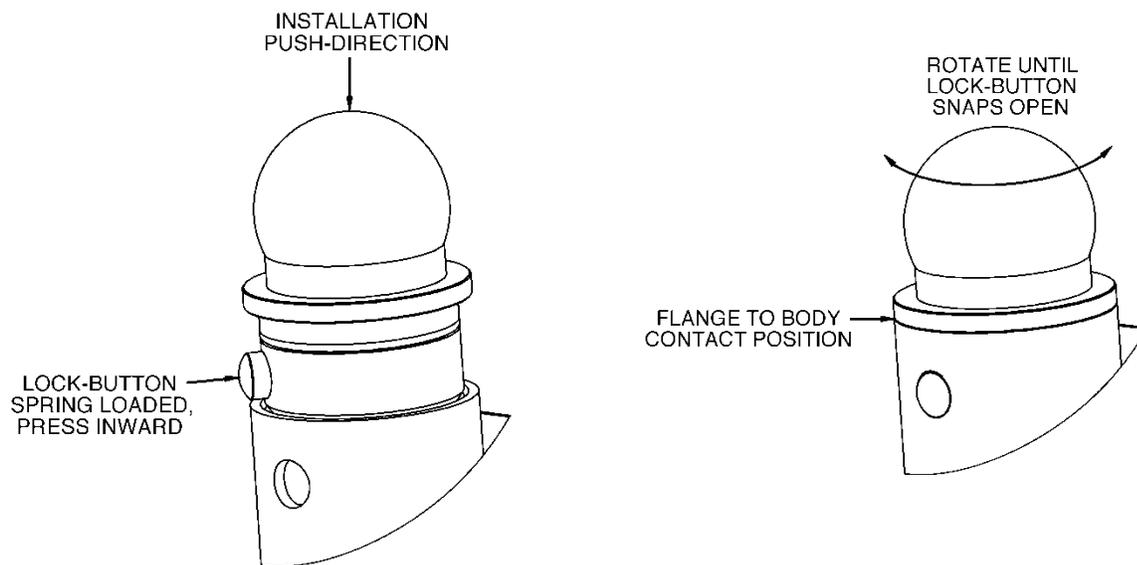
**HEAD & COUPLER ATTACHMENT:**

Either end of the MBR Body will accept one of three unique breaching heads or body coupler. Any two heads or head/coupler combination can be attached to both ends simultaneously. MBR Bodies are also stackable, using couplers, to create a multiple person ram of theoretically any length. Figure-3 shows a few example modular combinations with combined weights.

**FIGURE-3**



To join a head or coupler attachment to the MBR body assembly insert the button side into the end of the body tube. Press the head/coupler lock-button so that it clears the body tube inside diameter, and then push the head/coupler into the body until its flange contacts the body tube. Rotate the head/coupler until the lock-button snaps into place with the mating hole in the body. To remove the head/coupler, simply press the lock-button in and pull out in a twisting motion.



**TOOL MAINTENANCE:**

- Periodically lubricate the handle pivot mechanism and head/coupler lock-buttons with a dry spray lubricant and keep free of dirt and debris.
- All visible components have a non-glossy black finish that is acceptable for use in covert tactical operations; touch up chipped or scratched surfaces with rust inhibiting flat black paint.
- As required, clean all exposed surfaces with warm water and soft cloth.

**MBR LIMITED WARRANTY**

Each **MBR** kit or component thereof, manufactured by Paratech Incorporated, has been thoroughly inspected and properly adjusted before shipment to insure the highest quality and the greatest possible reliability.

Paratech Incorporated (hereinafter referred to as "Seller") hereby warrants the **MBR** kit or component thereof to the original retail buyer, only against defects in material and workmanship under normal use and service, for life. This warranty shall constitute the sole warranty of the Seller with respect to the **MBR** kit or component thereof. **THE SELLER HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** The Seller neither assumes nor authorizes any other person to assume for it any other obligations or liabilities in connection with the sale or use of this product.

Should there be any defects in the material or workmanship of the **MBR** kit; the buyer should return the defective product to the factory for inspection with shipping prepaid and a copy of receipt from the date of purchase. If inspection shows that the **MBR** kit or a component thereof is defective and that such defects were not caused by negligence, misuse, accident or unauthorized service, the product sold hereunder will be repaired or replaced at the option of the Seller, without charge, FOB at the factory, Frankfort, Illinois.

**THIS REMEDY SHALL BE THE EXCLUSIVE REMEDY FOR BREACH OF WARRANTY WITH RESPECT TO THE MBR KIT OR COMPONENT THEREOF. THE SELLER SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY BREACH OF WARRANTY WITH RESPECT TO THE MBR KIT OR COMPONENT THEREOF FROM ANY DELAY IN THE PERFORMANCE OF THE REMEDY HEREUNDER.**

**PARATECH®**

Paratech Incorporated  
P.O. Box 1000  
Frankfort, IL 60432 USA

Phone: 815.469.3911  
Fax: 815.469.7748  
www.paratech.com  
E-mail: paratech@paratech.us