



URBAN SEARCH AND RESCUE KITS

AJAX MODEL 511-RK Heavy Duty Breaching Drill Kit Deployment Procedure



WARNING:
WEAR EYE
PROTECTION



WARNING:
WEAR HEARING
PROTECTION

1. REMOVE PNEUMATIC DRILL, WHIP HOSE, AND ACCESSORY BAG FROM THE AJAX “GO” BAG.
2. TAKE WHIP HOSE AND REMOVE FILLER CAP FROM THE LUBRICATOR, USE AJAX 1079 (ISO32) BIODEGRADABLE AIR TOOL OIL AND ADD 1.4 OZ. INTO LUBRICATOR OR UNTIL RESERVOIR IS FULL. REPLACE CAP AND TIGHTEN
3. CONNECT MALE PLUG (COUPLER) ON HANDLE OF DRILL, TO FEMALE COUPLER ON 5’ WHIP HOSE ASSEMBLY.
4. SELECT CARBIDE SPEED BIT:
 - A. THIS KIT CONTAINS (1) EACH OF A CARBIDE SPEEDBIT, THESE BITS ARE FOR 5/8”, 7/8” AND 1” HOLE SIZES.
NOTE: SMALLER DIAMETER SPEEDBITS WILL DRILL FASTER THAN LARGER DIAMETER SPEEDBITS.
AJAX ALSO OFFERS SPEEDBITS IN VARIOUS DIAMETER HOLE SIZE 5/8” TO 1-5/8”, WITH DRILL DEPTH UP TO 44”.
 - B. 2-1/4” PILOTED CARBIDE CAMERA ACCESS BIT. THIS CARBIDE BIT COMES WITH A 12” “H” THREADED DRILL ROD. THREAD THE 2 1/4” CARBIDE BIT ONTO THE 12” DRILL ROD.
NOTE: THE PILOTED CARBIDE CAMERA ACCESS BITS ARE AVAILABLE FROM 1-3/8” TO 3” DIAMETER HOLE SIZES.
5. SPEED BIT INSTALLATION: INSTALL SPEEDBIT IN FRONT NOSE OF DRILL AND SECURE BIT WITH RETAINING LATCH TO HOLD BIT FIRMLY IN DRILL.
6. CONNECT 5’ WHIP HOSE TO AIR SUPPLY LINE FROM THE COMPRESSOR. NOTE: ALWAYS INSTALL WIRE CLIPS TO COUPLERS TO PREVENT HOSE FROM BREAKING FREE IF COUPLER DISCONNECTS.
7. THE OPERATING PRESSURE SHOULD BE SET AT 90 P.S.I. AND THE COMPRESSOR SHOULD BE CAPABLE OF PRODUCING 150 CFM MINIMUM.
8. **NOTE: WHEN CHANGING SPEEDBITS, ALWAYS TURN OFF THE AIR SUPPLY AT THE COMPRESSOR OR MANIFOLD AND BLEED THE AIR PRESSURE FROM THE SUPPLY LINE.**