

## WBR-7 Installation Instruction

### Winch Clutch

1. Attach (A) clevis on cylinder piston rod end to clutch dog with clevis pin and cotter.
2. Attach clevis to clutch cylinder mounting bracket with short 1/2" bolt. Attach eye bolt (B) on bottom with cylinder to clevis pin and cotter.
3. With clutch **ENGAGED**, position clutch cylinder bracket (C) so that pressure is not exerted on clutch yoke. Weld clutch cylinder bracket into place.

### Winch Brake

1. Disconnect brake band and remove band bracket from winch base angle.
2. Place brake band bracket on outside of the winch base angle with top portion of bracket pointing away from winch. Place bolt through top hole in brake band bracket and bottom hole in winch base angle.
3. (D) Drill out bottom hole in bracket to 1/2" and continue through winch base angle. Place 1/2" bolt provided in kits through brake band bracket and winch base angles. Place clevis on same bolt, tighten firmly.
4. Remove brake band from brake drum and turn 180° on vertical cotter.
5. Re-attach brake band to bracket with brake band pin and cotter.
6. Attach clevis (E) on cylinder Piston rod end to brake band with brake band pin and cotter.
7. Attach eye bolt end of brake cylinder to clevis on winch base angle.
8. Install air valve in desired location.
9. Connect tubing and fitting between cylinders and valve. **APPLY THREAD SEALANT TO ALL FITTINGS. SEE PLUMBING DIAGRAM.**
10. **SHIFT CYLINDERS WITH AIR VALVE TO INSURE PROPER OPERATION.**

