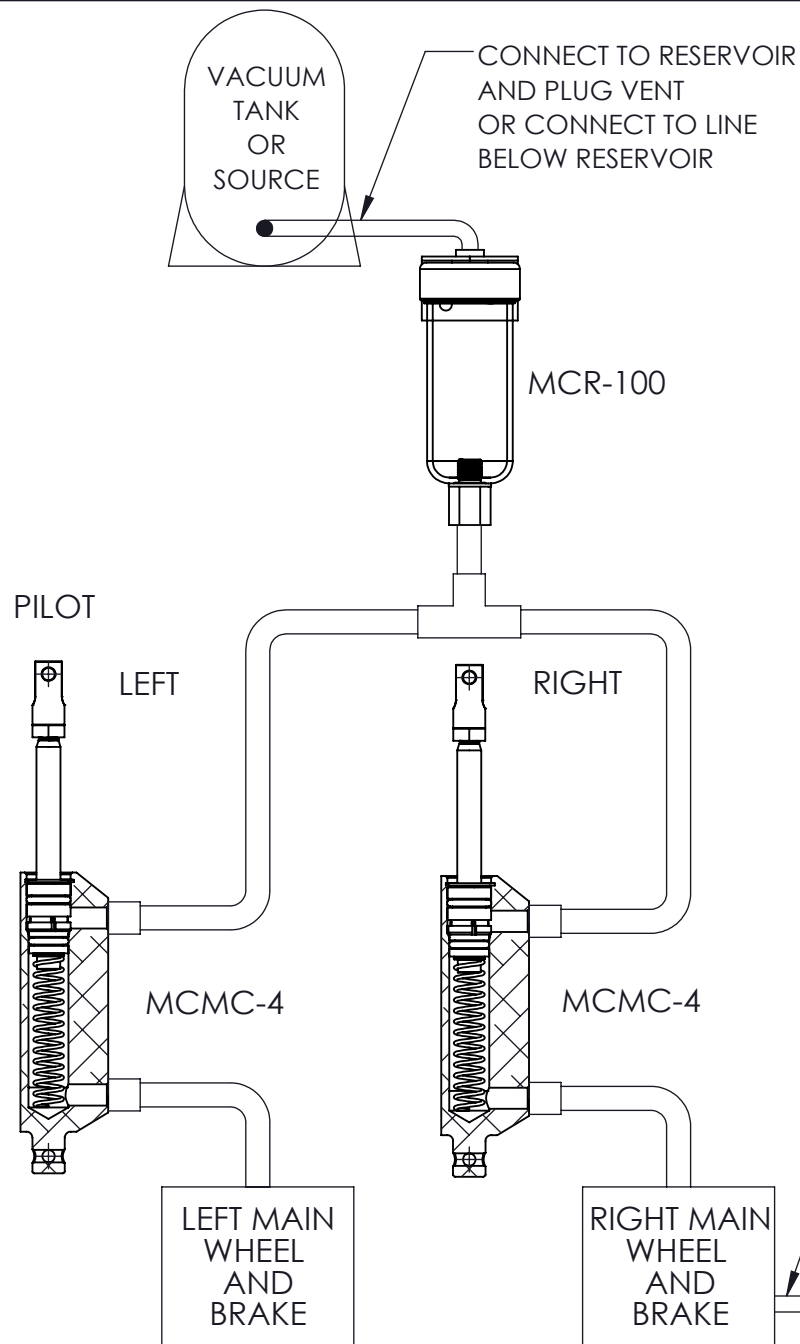


## VACUUM BLEEDING



1. CONNECT VACUUM TANK OR SOURCE TO RESERVOIR (TEMPORARILY PLUG VENT) OR LINE BELOW RESERVOIR.
2. ATTACH A TUBE FROM THE NOZZLE OF THE PRESSURE TANK CONTAINING BRAKE FLUID WITH LOW PRESSURE OR RESERVOIR OF FLUID TO THE TOP OF THE BRAKE BLEEDER VALVE. BE SURE HOSE IS BUBBLE FREE BEFORE ATTACHING.
3. MAKE SURE THE MASTER CYLINDER SHAFT IS FULLY EXTENDED TO OPEN THE INTERNAL BYPASS VALVE.
4. APPLY VACUUM TO THE SYSTEM AND OPEN BLEEDER VALVE AT THE CALIPER TO ALLOW BRAKE FLUID (MIL-PRF-5606 OR MIL-PRF-83282) TO BE DRAWN INTO THE HOUSING AND CONTINUE UNTIL THE FLUID TRAVELS THROUGH THE SYSTEM AND AIR IS REMOVED.
5. AIR IN THE SYSTEM WILL BE DRAWN UP AND OUT IN THE RESERVOIR. CHECK HIGH POINT IN SYSTEM FOR REMAINING AIR. VACUUM WILL NORMALLY REMOVE AIR IN HIGH SPOTS BETTER THAN PRESSURE BLEEDING.
6. FLUID SHOULD BE DRAWN THROUGH THE SYSTEM UNTIL IT REACHES APPROXIMATELY 1/4" FROM THE TOP OF THE MASTER CYLINDER OR REMOTE RESERVOIR. DISCONNECT VACUUM AND REOPEN VENT TO RESERVOIR IF IT WAS CLOSED.
7. CLOSE THE BRAKE BLEEDER VALVE AND REMOVE THE SERVICE HOSE.
8. **GENTLY** STROKE EACH CYLINDER. IF THE SYSTEM IS FREE OF AIR, THE BRAKE PEDAL SHOULD FEEL FIRM AND NOT SPONGY. IF NOT, REPEAT STEPS 1-7 UNTIL THE SYSTEM IS FREE OF TRAPPED AIR.
9. REPEAT FOR OTHER WHEEL IF LEFT/RIGHT SYSTEM IS INSTALLED.

CONNECT TO BRAKE BLEEDER VALVE.  
OPEN 1/4 TURN

**MATCO ALS**

2361 S 1560 WEST  
WOODS CROSS, UT 84087 USA



NOMENCLATURE  
VACUUM BLEEDING

DRAWING NO.  
4000DWG002

DRAWN BY  
KYLE BEMENT

DATE  
3/30/2026

SHEET 1 OF 2  
SHEET SIZE A

REVISION  
A

SCALE  
1:3