1. Check master cylinder for proper brake fluid level and condition.

Evaluation (Enter number from 4, 3, 2, 1) :\_\_\_\_\_\_\_\_\_

Meets ASE Task: A5 – B-10 – P-1

Time on Task:\_\_\_\_\_\_\_\_\_\_\_\_\_

Make/Model/Year:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

VIN:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Hydraulic System Fault Analysis**

2. Verify proper operation of the base brakes.

\_\_\_\_\_ OK

\_\_\_\_\_ Pulls to the left during braking (see Step 3).

\_\_\_\_\_ Pulls to the right during braking (see Step 3).

\_\_\_\_\_ Brakes do not release fully (see Step 4).

\_\_\_\_\_ Poor stopping (see Step 5).

\_\_\_\_\_ Other brake system concerns (describe)

3. Pulling can be caused by a stuck caliper piston on the side *opposite* the direction of the pull.

If there is a pull to the right during braking, check the left side caliper. OK \_\_ NOT OK \_\_

If there is a pull to the left during braking, check the right side caliper. OK \_\_ NOT OK \_\_

4. Brakes that do not fully release can be caused by a fault with the flexible brake hose and/or a stuck caliper piston

Visually check the flexible brake hose.OK \_\_\_\_ NOT OK \_\_\_\_

Check that the caliper piston can be moved into the caliper bore easily. OK \_\_ NOT OK \_

5. Poor stopping can be caused by a stuck caliper or wheel cylinder piston. Check that all hydraulic pistons are free.

LF = OK \_\_\_\_ NOT OK \_\_\_\_

RF = OK \_\_\_\_ NOT OK \_\_\_\_

LR = OK \_\_\_\_ NOT OK \_\_\_\_

RR= OK \_\_\_\_ NOT OK \_\_\_\_