

NATEF TASK SHEET --- SECTION A.5 B.12 P-1

A5B12A: BLEED/FLUSH HYDRAULIC BRAKE SYSTEM

Student: _____ Date: _____ Period: _____

VIN: _____ Year: _____ Make: _____ Model: _____

OBJECTIVE: Student Will Manually Bleed/Flush Hydraulic Brake System

- MATERIALS:**
1. **EYE PROTECTION**
 2. Brake Fluid Type Fluid Used: DOT _____
 3. Jack and Safety Stands or Hoist
 4. Bleeder Wrench
 5. Vehicle (see instructor)

PROCEDURE: WEAR EYE PROTECTION! Raise and secure front and rear end of vehicle. Clean top of brake master cylinder and remove cover. Fill brake fluid to full mark. Repeat the following procedure until only clean brake fluid comes out with no air bubbles, Check fluid level often and keep full:

1. **Open brake bleeder on right rear wheel**
2. **Press brake pedal to floor and hold**
3. **Close right rear brake bleeder**
4. **Release brake pedal**
5. **Repeat until only clean brake fluid comes out with no air bubbles**
1. **Open brake bleeder on left rear wheel**
2. **Press brake pedal to floor and hold**
3. **Close left rear brake bleeder**
4. **Release brake pedal**
5. **Repeat until only clean brake fluid comes out with no air bubbles**
- Check fluid periodically to keep full.
1. **Open brake bleeder on right front wheel**
2. **Press brake pedal to floor and hold**
3. **Close right front brake bleeder**
4. **Release brake pedal**
5. **Repeat until only clean brake fluid comes out with no air bubbles**
1. **Open brake bleeder on left front wheel**
2. **Press brake pedal to floor and hold**
3. **Close left front brake bleeder**
4. **Release brake pedal**
5. **Repeat until only clean brake fluid comes out with no air bubbles**
- Check brake pedal operation and fill master cylinder reservoir.

List two valid reasons for bleeding/flushing the brake fluid:
1.
2.

INSTRUCTORS EVALUATION

LEVEL OF SKILL ATTAINED	<i>Initial</i>	OVERALL SKILL EVALUATION	<i>Points</i>
DEMONSTRATES MASTERY (5)		DOCUMENTATION COMPLETENESS (1)	
PERFORMS SATISFACTORILY (4)		SAFETY COMPLIANCE (1)	
CAPABLE, NEEDS PRACTICE (3)		WORK PROFESSIONALISM (3)	
ASSISTED IN PERFORMING (2)		LEVEL OF SKILL ATTAINED (1-5)	
EXPOSURE, OBSERVATION (1)		TOTAL SCORE	
INSTRUCTOR'S SIGNATURE:			

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