

TASK SHEET

NATEF STANDARD A5 C.5,6 B.12 (P-1)

A5C5: REMOVE AND INSTALL WHEEL CYLINDER

Student: _____ Date: _____ Period: _____

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

Engine: _____ Transmission: _____ Production Date: _____

OBJECTIVE: Student will remove and install the wheel cylinder, evaluate overall condition, and determine necessary action.

- MATERIALS:**
1. **EYE PROTECTION**
 2. Floor Jack and Safety Stands or Hoist
 3. Hand Tools, Lug, and Line (10mm) Wrenches
 4. Brake fluid and bleeding tools
 5. Vehicle (see instructor)

PROCEDURES: **WEAR EYE PROTECTION!** Set parking brake and put vehicle in park. Safely raise vehicle with floor jack and place safety stands under vehicle jack points. Lower vehicle and determine if secure. Remove wheel. Remove brake drum. Disconnect brake line and unbolt wheel cylinder and remove. Disassemble wheel cylinder, inspect wheel cylinder bore for scoring, inspect cups for damage, and reassemble. Reinstall wheel cylinder, connect brake line, and install brake drum. Be sure not to get grease, dirt, or finger prints on brake shoes and drum. Bleed rear brakes, and install wheel. **RECORD WHEEL CYLINDER BOLT TORQUE _____ FTLBS.** Torque lug nuts to specs. **LUG NUT TORQUE _____ FTLBS.**


	MEASURED	CONDITION
WHEEL CYLINDER BORE (INCHES)		
WHEEL CYLINDER CUPS		
LEAKAGE OBSERVED		

IF THE WHEEL CYLINDER WAS LEAKING, WHAT DO YOU THINK MIGHT BE A CAUSE? _____

YOUR RECOMMENDATIONS: _____

(Does it need to be replaced? Why?)

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: _____			

A5C5 R&I Wheel Cylinder / 5-01-14 / vdb