# NATEF
## TASK SHEET --- SECTION   A.5 D.2, 3, 4, 6   P-1

### DISC BRAKE SERVICE

**A5: D2, 3, 4, 6  REMOVE AND INSTALL CALIPERS AND REPLACE BRAKE PADS**

Student:  _____      Date:  _____Period:  _____

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

Engine:  _____   Transmission:  _____   Production Date:  _____

**OBJECTIVE:**     **Student Will Remove and Install Front Brake Calipers and Brake Pads, Lube and Clean all Friction Points and put Anti-Squeal on the Backing Plates. Student will evaluate condition of brake pads, calipers, and brake flex hoses.**

**MATERIALS:**    1.    **EYE PROTECTION**
2.    Hoist or Jack and Safety Stands
3.    Lug Wrench and Torque Wrench
4.    Hand Tools and Vernier Caliper
5.    Anti-seize and Anti-Squeal Compounds
6.    Vehicle (see instructor)

**PROCEDURE:**    **WEAR EYE PROTECTION!** Place vehicle in park. Set Parking Brake. Raise Front of vehicle and place safety stands under frame. Lower vehicle and check stability. Remove front wheels. Remove Caliper retaining bolts, remove calipers, and clean all friction points. Do not disconnect brake hoses! Remove front brake pads, taking care not to touch, get oil or grease on rotor face or brake pad face. Measure brake pad lining thickness at thinnest point and **RECORD FINDINGS:  _____**/16ths of an inch. Inspect for missing or damaged anti-rattle clips. Check for snug fit of pad in caliper. Apply thin coat of anti-squeal on backing plate of brake pads. Allow to dry 15 minutes. Reinstall brake pads lubricating contact/friction points between pad and caliper. Do not get any lube (Anti-seize compound) on rotor face or pad face. Reinstall caliper and torque retaining bolts to specifications. Install wheel and torque to specifications. LOWER VEHICLE, PUMP BRAKE PEDAL 2-3 TIMES. **PUT AWAY TOOLS & EQUIPMENT.**

**CALIPER TORQUE SPECS.          FTLBS.**
**WHEEL TORQUE SPECS:          FTLBS.**

**CONCERNS/RECOMMENDATIONS:** _____

**INSTRUCTORS EVALUATION**

| LEVEL OF SKILL ATTAINED | *Initial* | OVERALL SKILL EVALUATION | *Points* |
|---|---|---|---|
| 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: | | | |

A5D2,3,4,6 / R&I brake pads / 02-26-12/vdb