

NATEF TASK SHEET --- SECTION A.8.B.4 (P-2)

Tune5: CHECK SPARK PLUG WIRES (SECONDARY IGNITION)

Are your sparks going to the right place in the right order?

Student: _____ Date: _____ Period: _____

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

Engine: _____ Transmission: _____ Production Date: _____

OBJECTIVE: Student will visually inspect spark plug wires, test with ohmmeter, evaluate, and recommend if replacement is necessary.

- MATERIALS:**
1. **EYE PROTECTION**
 2. Hand tools
 3. Digital Multi-Meter (D.M.M.)
 4. Vehicle (see instructor)

PROCEDURES: **WEAR EYE PROTECTION.** WATCH POWER POINT **TUNE5.**

With cool engine off. D.V.O.M. on _____ Ω scale.

One at a time, remove and inspect spark plug wire and measure resistance through the wire. Document ohm readings below. Re-install wire and repeat procedure with next wire. Be sure to route plug wire correctly when re-installing. (Away from exhaust and moving parts) Note appearance

NOTE PLUG WIRE(S) APPEARANCE:

(Dirty, cracked, burnt, corroded, rusty, new, clean, broken, etc.....)

YOUR RESULTS:

Wire#1 _____	K Ohms	Wire#5 _____	K Ohms
Wire#2 _____	K Ohms	Wire#6 _____	K Ohms
Wire#3 _____	K Ohms	Wire#7 _____	K Ohms
Wire#4 _____	K Ohms	Wire#8 _____	K Ohms

FIRING ORDER: _____ **LOOK UP IN SERVICE INFORMATION SYSTEM**

RECOMMENDATION: (CIRCLE) **REPLACE WIRES** **KEEP WIRES**

WHY?

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:			

Tune5 PlugWires /07-29-08/ vdb