

Hybrid Traction Motor Identification

Meets NATEF Task: (A6-B-7) Identify high-voltage circuits of hybrid electric vehicles and related safety precautions. (P-3)

Name _____ Date _____ Time on Task _____

Make/Model/Year _____ VIN _____ Evaluation: 4 3 2 1

_____ 1. Check service information for cautions regarding high-voltage circuits used in hybrid electric vehicles.

_____ 2. Check all that apply regarding the traction motor:

_____ Induction motor

_____ DC brushless motor design

_____ Permanent magnet rotor

_____ AC synchronous motor design

_____ 3. Rated power (kW) ratings _____.

_____ 4. Battery or boost converter voltage = _____

_____ 5. Check service information for the cooling methods and components used to cool the traction motor(s) (check all that apply):

_____ Air cooled

_____ Liquid cooled

_____ Separate electric water pump

_____ Other (describe) _____



_____ 6. What are the recommended safety precautions? _____
