

Power Balance – Scan Tool Method

Meets NATEF Task: (A8-A-3) Perform cylinder balance test; determine necessary action.
(P-2)

Name _____ Date _____ Time on Task _____

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

- _____ 1. Check service information for the specified procedures to follow to perform a power balance test using a scan tool.
- _____ 2. Connect a scan tool to the data link connector (DLC) and select power balance on the injector balance test.
- _____ 3. Following the instructions on the scan tool, perform a power balance test.
- _____ 4. Record the RPM drop:

#1 _____	#5 _____
#2 _____	#6 _____
#3 _____	#7 _____
#4 _____	#8 _____



NOTE: 50 RPM is the maximum variation between cylinders. The cylinder that drops the most RPM is the *strongest* cylinder. The cylinder that drops RPM the least is the *weakest* cylinder.

- _____ 5. Results:
 - RPM difference between the strongest and weakest cylinder _____.
 - Which cylinder is the strongest? _____.
 - Which cylinder is the weakest? _____.

_____ 6. Based on the test results, what is the necessary action? _____
