**Meets ASE Task: :** (A4-E-6) P-1 Check rear wheel thrust angle; determine needed action. (A4-E-7) P-2 Check for front wheel setback; determine needed action. (A4-E-8) P-2 Identify front and/or rear cradle (subframe) misalignment; determine needed action.

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_

Time on Task:\_\_\_\_\_\_\_\_\_\_\_\_\_

Make/Model/Year:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

VIN:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Evaluation (Enter number from 4, 3, 2, 1) :\_\_\_\_\_\_\_\_\_

**Diagnostic Alignment Angles**

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[ ]  1. Measure the rear thrust angle and compare it to factory specifications.



 Measured rear thrust angle = \_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Specified thrust angle = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

[ ]  2. Based on the results of the rear thrust angle

 measurement, what is the needed action.?

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 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

[ ]  3. Measure the front wheel setback and compare it to factory specifications.

 Measured front wheel setback = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Specified front wheel setback = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

[ ]  4. Based on the results of the front wheel setback

 measurement, what is the needed action.?

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

[ ]  5. Check service information for the specified location and dimensions to check for the

 proper alignment of the front and/or rear cradle (subframe).

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 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

[ ]  6. Based on the results of the measurements, compared to factory specifications, what is

 the needed action?

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