



**Module Number:**

02-2

**Subject:** Tele Aid

**Objective:**

At the conclusion of this module, you will be able to:

- Explain how Tele Aid communicates with the other vehicle systems
- Explain why Tele Aid needs wheel speed signals
- Explain why Tele Aid needs a GPS input
- Explain how version coding can affect Tele Aid

**Vehicle and tools required:**

- R171
- SDS/DAS equipment

**Required material:**

- Copy of classroom presentation “Networking-Telematics”
- Tele Aid diagram attached to this module

**Instructions:**

1. Follow the instructions and answer the questions.
2. Ask your instructor if assistance is needed.
3. Stop at “**Instructor check point** \_\_\_\_\_” for signature.

1. The customer brings their car in saying the ESP light is on and Tele-Aid shows a fault in the instrument cluster display. A short test displays the following codes. From the complete lists of fault codes (for the various systems) write a description of the following codes.

---

---

<b>System</b>	<b>Code</b>
ESP	C1100
ME SFI	1333/1339
Tele-Aid	D690
Tele-Aid	D691

2. Do the codes have a common cause? If so, please describe it.

---

---

3. Enter into Tele Aid. Go to the complete list of fault codes. Enter on the first fault code you have for Tele Aid. What is listed for possible tests?

---

---

---

4. Check list of possible tests for your second fault and record.

---

---

---

---

5. Which control modules are you concerned about for version coding and why?

---

Why are we concerned with version coding of this control module with Tele Aid.

---

6. Go to complete list of guided tests. Enter into CAN Tests. What two control modules are you testing wires between?
- 

Using the provided Diagram of the Tele Aid system what are these wires used for?

---

7. With what you learned in question 6, what is the path for communicating front wheel speeds to Tele Aid?
- 

8. Why does Tele Aid need to receive front wheel speed data?
- 

9. Look at the Digital Tele Aid diagram attached to this module. Is there an input to Tele Aid from a GPS antenna?
- 

If so, then what purpose does the GPS signal serve?

---

10. Are there any times when this signal may be lost with no fault of the cars systems? Explain.
- 

11. How does Tele Aid compensate for this?
-

**Do not erase fault codes** unless instructed to do so.

Please switch off ignition, disconnect and stow test equipment. Inform your instructor if you have noticed any parts that need to be replaced on this vehicle,

**Instructor check point** \_\_\_\_\_