


**SUBJECT**
**"The Headunit has an Invalid IP address" Message Appears at the Start of an ISTA/P Session**
**MODEL**

All

**SITUATION**

When ISTA/P starts a programming session, the following message may appear: "The headunit has an invalid IP address." If programming is performed under these conditions, the headunit and all other dependent control units (e.g., control units which are connected to MOST bus) may not be programmed.

**PROCEDURE**

If this message appears in ISTA/P, please do not proceed with programming right away. First check if the Ethernet line between the central vehicle gateway (e.g., ZGW, FEM, BDC) and the headunit is working correctly. Perform the following steps:

1. Carry out a five-minute battery reset.
2. Start an ISTA diagnostic session and run the following test plan:

Vehicle Management / Troubleshooting / Function Structure/ 03 Body / Audio, Video, Navigation, Telephone (MOST Ring) / [!] Current fault patterns / **ABL "Invalid IP address for the headunit at start of ISTA/P session"**

3. If the test plan indicates an error, please use the wiring diagram and physically inspect the Ethernet wiring between the central vehicle gateway and headunit for short circuits, bent pins, etc.

**WARRANTY INFORMATION**

When applicable and necessary, the following is claimable with a "Programming and Encoding" procedure that is being performed in conjunction with a covered repair.

<b>Defect Code:</b>	<b>Refer to KSD2/SIB</b>	<b>Claim with covered repair being performed</b>
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
61 20 900	Refer to KSD	Disconnecting and connecting battery negative cable
And:		
61 00 006	Work Time (WT)	Performing vehicle diagnosis –test module-
And, as necessary:		
61 99 000	Work Time (WT)	Step # 3: Job time without allowance for electrical system

Refer to KSD2 for the corresponding flat rate unit (FRU) allowance.

Work time labor operation codes 61 00 006 and 61 99 000 are not considered Main labor operations. However, each does require an individual punch time and an explanation in the claim comments section.

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