

Distributor Bulletin

2026 September Update Summary



[AI Advisor : New AI Diagnostic Workflow Update – Available on Z7 Only]

Data Analysis Actuation Test and Special Function Integration

AI Advisor now provides three direct diagnostic routes: Data Analysis, Actuation Test, and Special Function. AI Advisor has been upgraded from the existing AI DTC Guide to link each DTC directly to its related Data Analysis, Actuation Test, and Special Function items. After a DTC is selected, AI Advisor presents pre-checks, explains the recommended test, and links directly to supported items. This updated feature is available on Z7 only.

Key Concept: DTC -> AI guidance -> Data Analysis / Actuation Test / Special Function.

Why AI Advisor Has Changed

Live data, active commands, and service procedures serve different diagnostic purposes. Data Analysis monitors ECU inputs and states. Actuation Test commands a supported output or system response. Special Function runs a guided service procedure such as key registration or initialization.

Separating these routes makes each recommendation clearer and reduces the time spent searching through vehicle menus. Available routes and items depend on the selected vehicle, ECU, DTC, software version, and support level.



How to Use AI Advisor

Step 1 Review the DTC Guide and Open AI Advisor

After scanning the vehicle, select the DTC to investigate and review the AI-generated definition, symptoms, and possible causes. In this demonstration, DTC B2775 Security ECU Communication Abnormal is selected. Press AI ADVISOR to continue to the recommended checks.

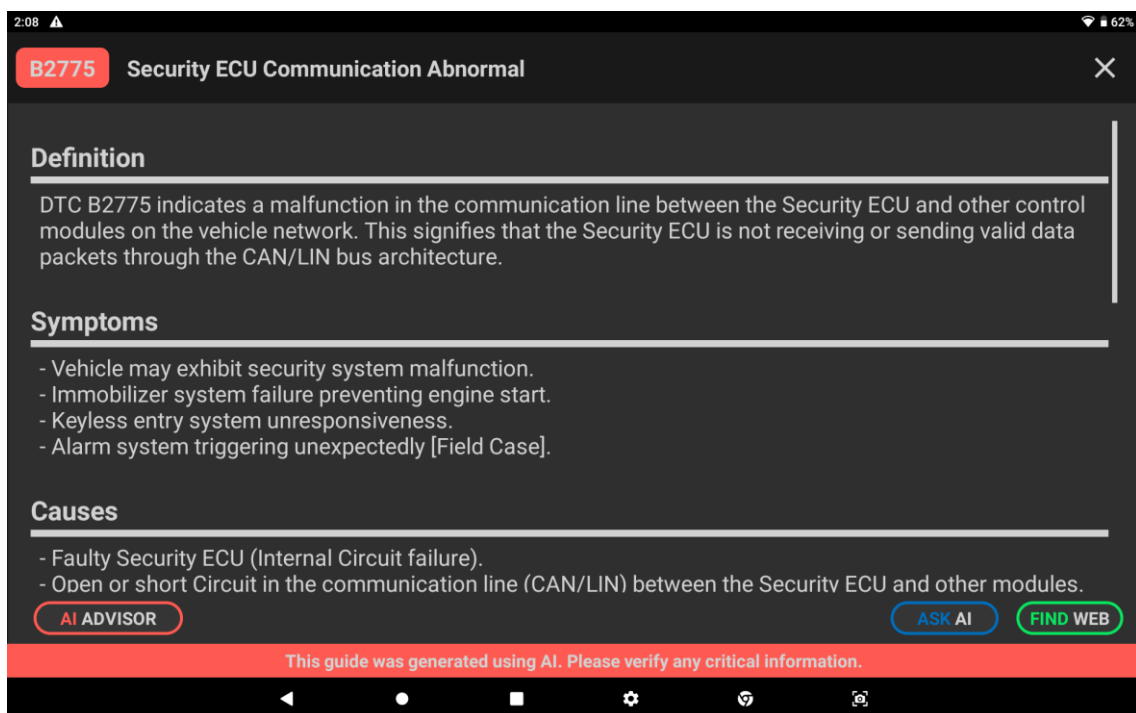


Figure 1. Review the DTC guide and press AI ADVISOR.



Step 2 Choose the Recommended Diagnostic Route

AI Advisor displays a Functional Check for the selected DTC. In this B2775 example, it recommends Unmatch key warning as an Actuation Test and Key code registration as a Special Function. The buttons at the bottom open Data Analysis, Actuation Test, or Special Function directly. A route is available only when the corresponding item is supported.

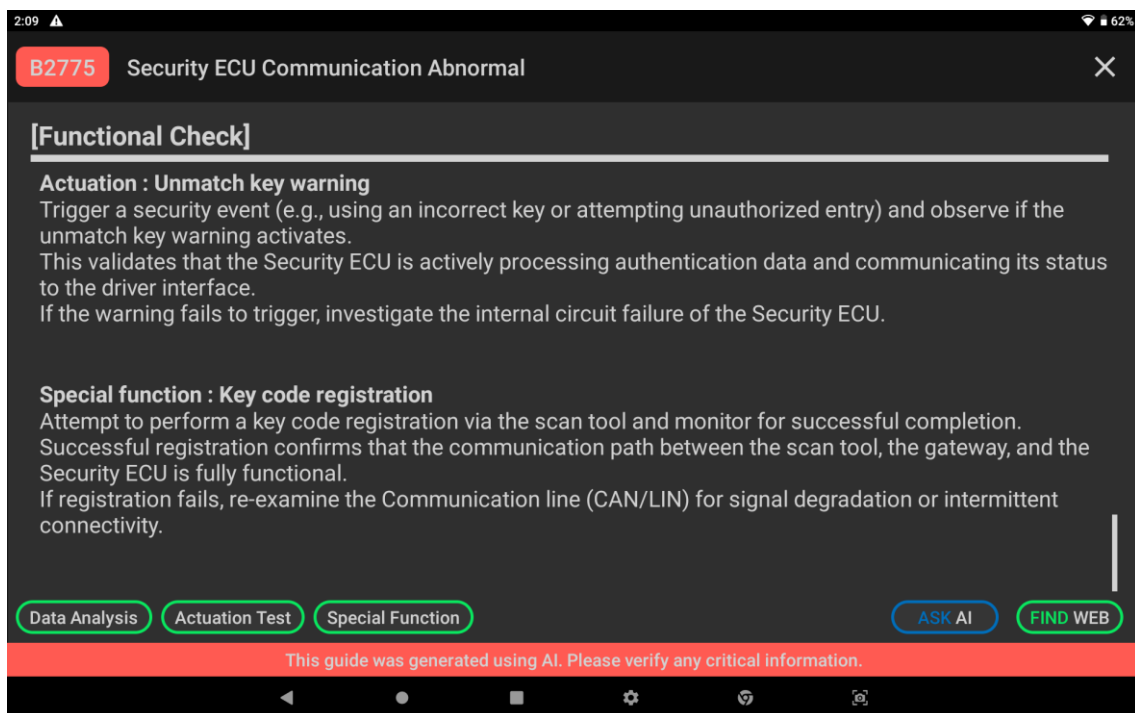


Figure 2. Select Data Analysis, Actuation Test, or Special Function.



Step 3 Use Data Analysis for Related Signals

Select Data Analysis to open parameters related to the DTC. Relevant items are preselected, and the AI Advisor window remains available with pre-check instructions. In this example, the selected items include Frame error, Abnormal status, and the number of DTCs.

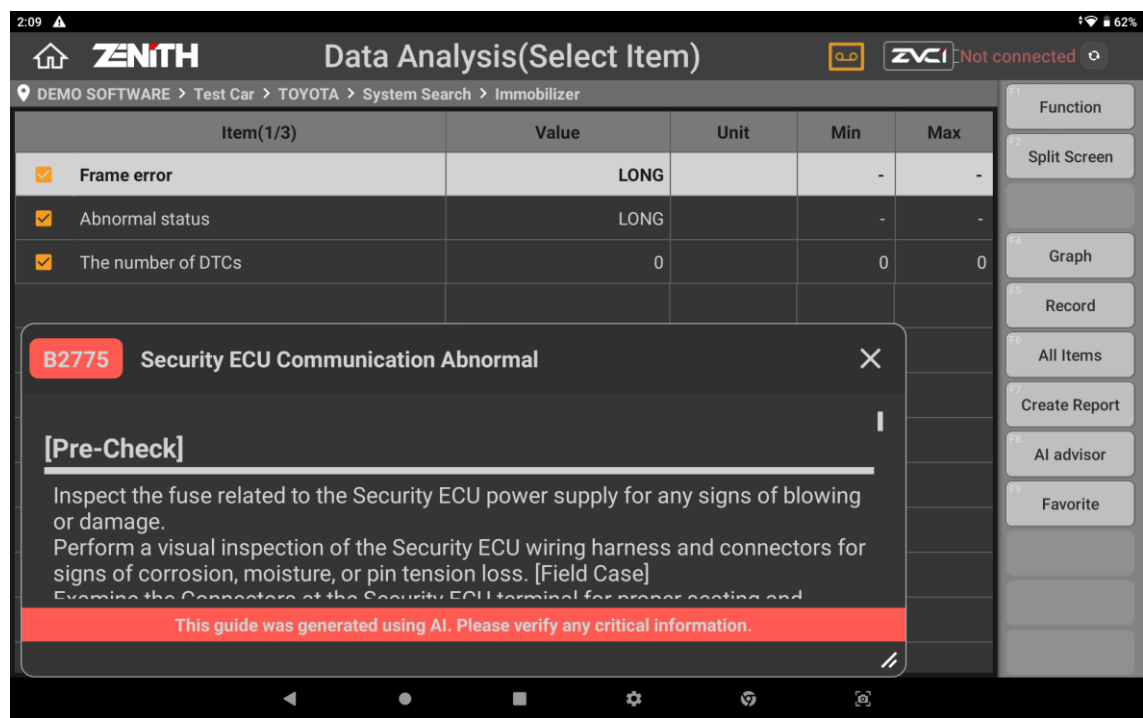


Figure 3. Open related data items with AI Advisor guidance.



Step 4 Open the Recommended Actuation Test

Select Actuation Test to open the recommended active test. AI Advisor identifies the target item and keeps the pre-check guidance available. Before operating the command, confirm that the vehicle is stationary, the ignition state is correct, and the test can be performed safely.

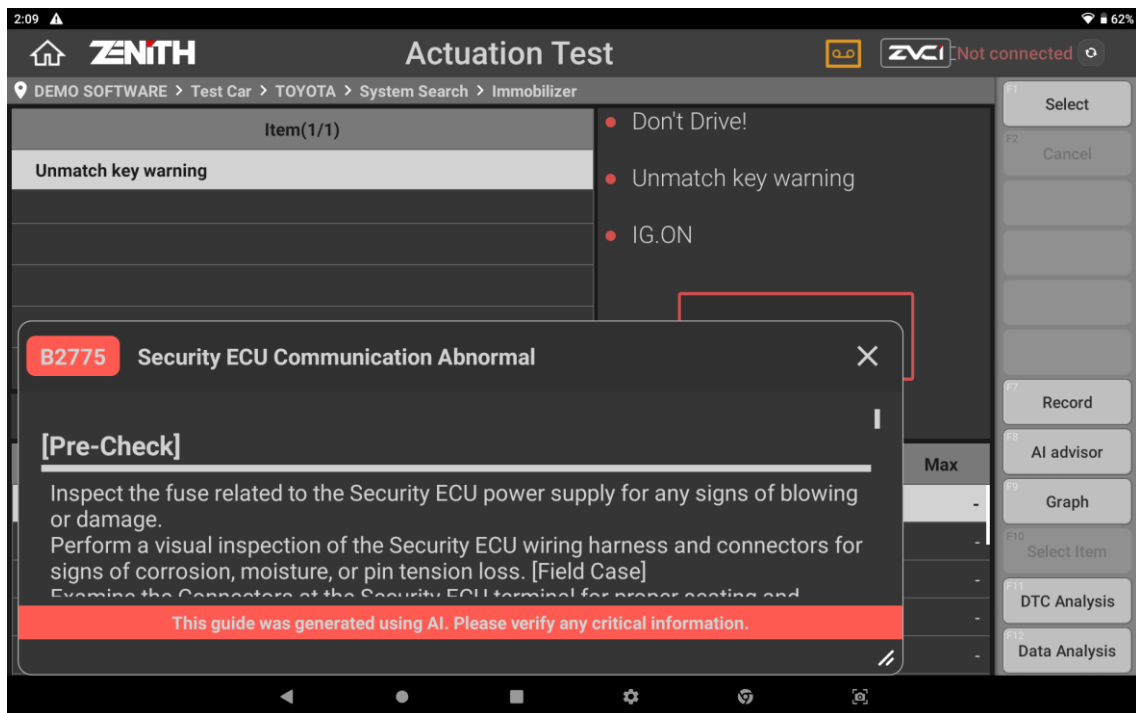


Figure 4. Open the recommended Actuation Test and review the pre-check.



Step 5 Run the Actuation Test and Monitor Data

Run the command and observe the system response. The split screen can show the actuation state together with related Data Analysis values. In this example, the technician can command the Unmatch key warning and monitor immobilizer and transponder signals during the test.

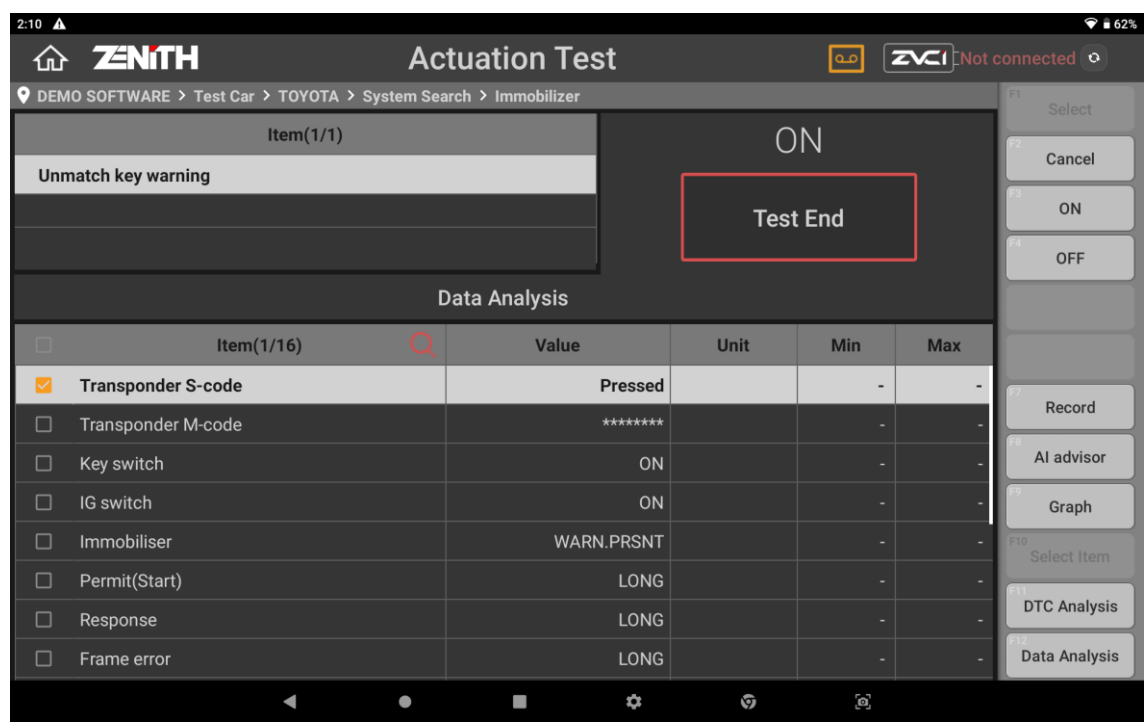


Figure 5. Run the Actuation Test while monitoring related data.

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Step 6 Open the Recommended Special Function

Select Special Function to open the recommended procedure. Read the on-screen instructions and prerequisites before continuing. In this example, AI Advisor opens Key code registration for the immobilizer system.

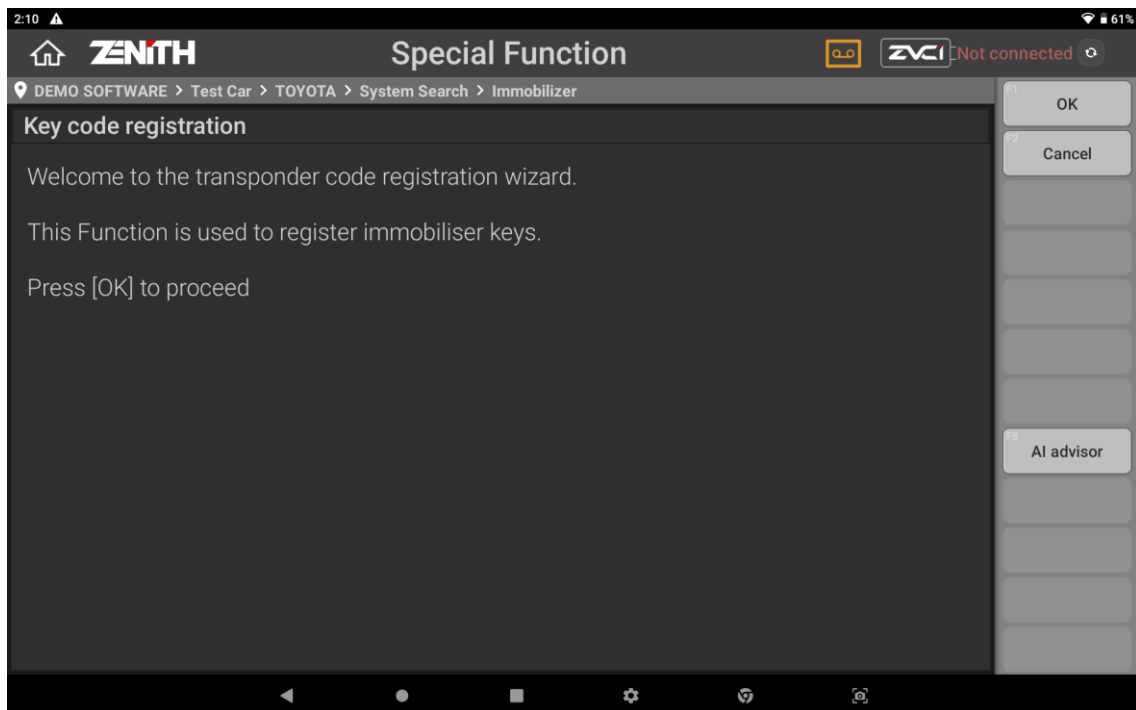


Figure 6. Review the Special Function instructions before proceeding.



Step 7 Confirm Completion and Recheck the Vehicle

Complete the procedure and confirm the displayed result. A Completed message confirms that the selected Special Function finished, but the technician should still recheck the DTC, related data, and the original symptom before closing the job.

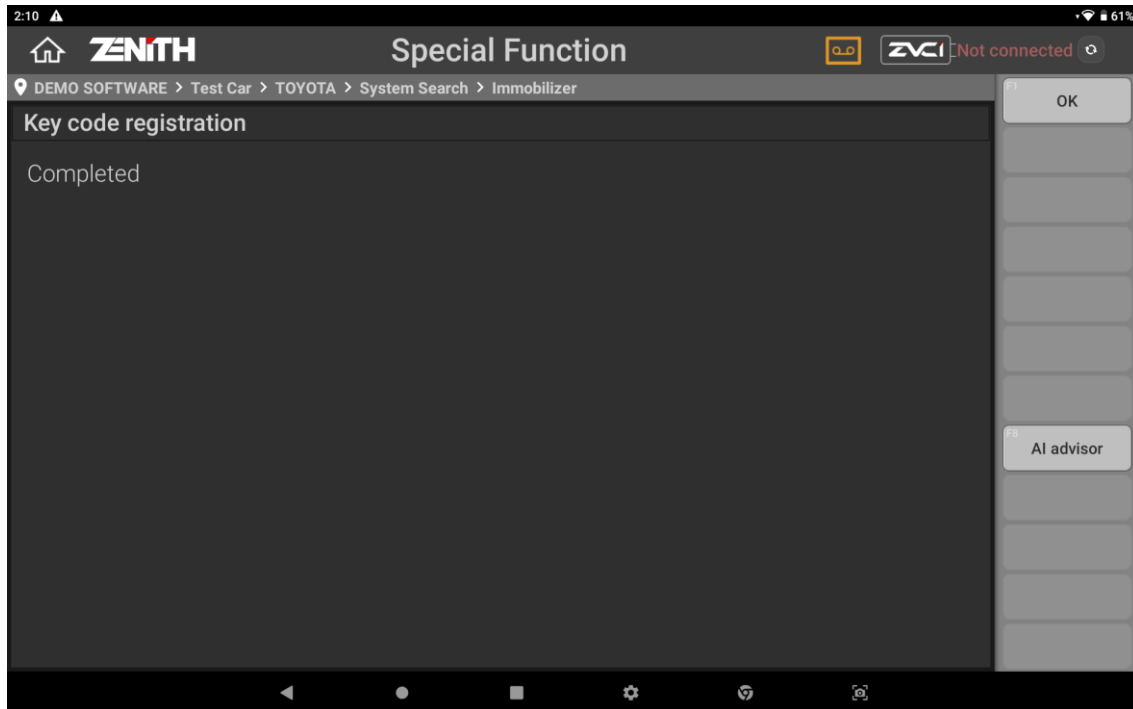


Figure 7. Confirm completion and continue the diagnostic verification.

Technician Control: AI Advisor recommends the route and item. The technician remains responsible for verifying test conditions, authorizing actuation, and interpreting the result.

Key Benefits and Best Use Cases

- Clear separation between live-data monitoring, active testing, and guided service procedures.
- Direct access to supported items without searching through multiple menu.
- Actuation Test and related Data Analysis values can be viewed together when supported.
- AI guidance remains available inside the selected workflow for reference.

Important

AI Advisor is a diagnostic support feature, and its on-screen guidance is AI-generated. Verify critical information and follow OEM procedures. Available recommendations, data items, actuation tests, and special functions vary by vehicle, ECU, software version, and support level.