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<b>Sent on</b>	01	14	2026	<b>Expires on</b>	01	28	2026
<b>From</b>	Technical Information & Support Group						
<b>Subject</b>	Request for Visit: 2022-2025 MDX Type S Stuck Stroke Sensor DTC (ACTION REQ'D)						

**PRIORITY/ACTION REQUIRED**

To: All Acura Service Managers/Consultants  
 From: Technical Information & Support Group  
 RE: **Request for Visit: 2022-2025 MDX Type S Stuck Stroke Sensor DTC Stored (ACTION REQUIRED)**

**This message is solely directed to Acura dealership personnel; please handle it accordingly.  
 Print this iN message and provide a copy to the Shop Foreman and all Service Consultants.**

**Background**

American Honda Motor Co., Inc. (AHM) is searching for certain 2022-2025 MDX Type S's with a client complaint of a stuck stroke sensor failure DTC C164X-2A (Stroke Sensor Failure) stored. Clients may notice the Malfunction Indicator Light (MIL) on with error messages "Air suspension problem. Vehicle height cannot be adjusted. See your dealer.", or "Electronic Air Suspension Problem." displayed. To better understand the cause of this condition, AHM would like to inspect the vehicle prior to you attempting a repair of any kind.

**Qualifiers**

AHM is interested ONLY if the vehicle meets the following requirements:

- Must have one or more of the following DTCs stored:
  - C1644-2A (Front Left Stroke Sensor Failure)
  - C1645-2A (Front Right Stroke Sensor Failure)
  - C1646-2A (Rear Left Stroke Sensor Failure)
  - C1647-2A (Rear Right Stroke Sensor Failure)
- Must be able to provide an EAS (Electronic Air Suspension) HDS Freeze Data screenshot (Email to TIS).
- Must NOT have blown air springs (06520, 06521, 51610 & 51620).
- No previous replacement of the stroke sensor(s) (51825, 51820, 52825 & 52820).
- No repair attempts, including clearing the code(s), during this visit.
- No collisions.

**Action Required**

If a vehicle matching the qualifiers above comes into your dealership, please e-mail Technical Information & Support (TIS) at [tis@ahm.honda.com](mailto:tis@ahm.honda.com), or call us at 800-880-1072 (Monday-Friday, 6am-5pm PST). TIS will contact you to record certain vehicle information and provide you with further instructions.

Please be sure to include the following information in your e-mail.

E-mail Title:

- Model Year (e.g. 2025)
- Model Name (e.g. TLX)
- Issue (e.g. Brake Judder)
- VIN

E-Mail Body:

- Dealer Number
- Dealer City & State
- Your Name
- Best Phone Number to be Reached
- Current Mileage
- Confirm that the vehicle meets qualifiers #1-#6 listed above and email the EAS HDS Freeze Data screenshot
- DPTS#

As a gesture of appreciation to dealer personnel who identify and report a vehicle that meets the qualifiers, was accepted as a candidate and is the subject of a successful Dealer Visit/Parts Collection/Info Collection, AHM will provide the referring dealer personnel with a **VISA gift card**. Technical Information & Support (TIS) will provide additional information if this situation applies.

Thank you.