

**Technical Service Bulletin
TSB24-500-001**

DATE: March 14th, 2025

APPLIES TO: This service bulletin applies to 2023 – 2024 model year, K1, K2, K3 and K4 model motor home chassis built between September 10, 2021 – October 12, 2023, equipped with an AD100 pedal control module and an ICM.

CONDITION: The switch used to adjust the brake and throttle pedal positions may work intermittently, or not at all.

CORRECTION: Replace the ICM

LABOR ALLOCATION: 1 hour

CLASSIFICATION: T3

PARTS NEEDED: One of the following kits, depending on coach model.

<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	S-2774-001	ICM for AD100 – MY23 Foretravel

Kit S-2774-001 Contains:

<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	5420-NN2-003A	ICM-MY2023 FORETRAVEL, AD100
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<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	S-2774-003	ICM for AD100 – MY23 Newmar EX, LA, and MA

Kit S-2774-003 Contains:

<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	5420-NN2-005A	ICM-MY2023 NEWMAR EX/LA/MA, AD100
1	TSB24-500-001	Service Bulletin

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<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	S-2774-004	ICM for AD100 – MY23 Newmar New Aire

Kit S-2774-004 Contains:

<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	5420-NN2-006A	ICM-MY2023 NEWMAR NA, AD100
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<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	S-2774-005	ICM for AD100 – MY23 Newmar Dutch Star

Kit S-2774-005 Contains:

<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	5420-NN2-007A	ICM-MY2023 NEWMAR DS, AD100
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<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	S-2774-006	ICM for AD100 – MY23 Newmar Ventana

Kit S-2774-006 Contains:

<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	5420-NN2-008A	ICM-MY2023 NEWMAR VT, AD100
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<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	S-2774-007	ICM for AD100 – MY24 Foretravel

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Kit S-2774-007 Contains:

<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	5421-NN2-002B	ICM-MY2024 FORETRAVEL, AD100
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<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	S-2774-009	ICM for AD100 – MY24 Newmar EX, LA, and MA

Kit S-2774-009 Contains:

<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	5421-NN2-004B	ICM-MY2024 NEWMAR EX/LA/MA, AD100
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<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	S-2774-010	ICM for AD100 – MY24 Newmar New Aire

Kit S-2774-010 Contains:

<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	5421-NN2-005B	ICM-MY2024 NEWMAR NA, AD100
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<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	S-2774-011	ICM for AD100 – MY24 Newmar DS and VT

Kit S-2774-011 Contains:

<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	5421-NN2-006B	ICM-MY2024 NEWMAR DS/VT, AD100
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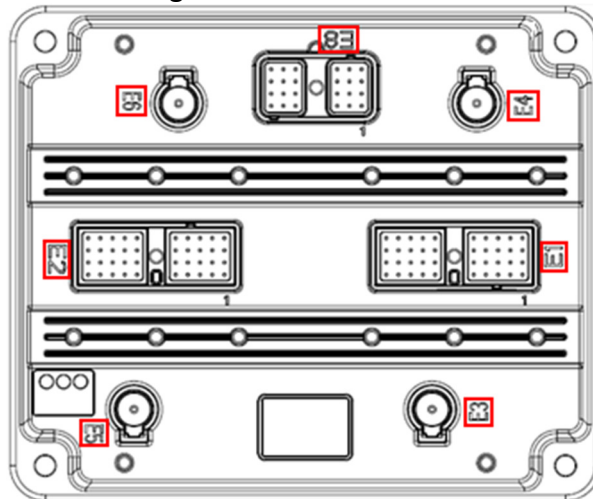
GENERAL INSTRUCTIONS:

Thoroughly review entire service bulletin before starting work. If there are questions or concerns with steps defined in this service bulletin, contact Spartan RV Chassis Customer & Product Support Group.

All applicable industry safety standards must be followed when performing work identified in this procedure.

STEP-BY-STEP INSTRUCTIONS:

1. Ensure you have the following items for this repair.
 - a. M4 hex wrench
 - b. Socket wrench set
 - c. Pre-programmed replacement ICM
2. Turn off the chassis battery disconnect switch in the service center.
3. Locate the ICM behind the generator slide out on the driver side of the vehicle.



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4. Disconnect cables E3, E4, E5, and E6 from the ICM.
5. Using a M4 hex key, unbolt and disconnect harness E1, E2, and E8.
6. Unbolt the ICM and remove it.
7. Place the new ICM in its place and secure it with the original hardware. The mounting bolts should be torqued to 10 ft-lbs.
8. Connect harness E1, E2, and E8 and then tighten the hex bolts.
 - a. E1 and E2 are keyed so they will not plug into the wrong side.
 - b. Hex bolts should be torqued to 25-28 in-lbs
9. Connect cables E3, E4, E5, and E6.
 - a. These connectors are identical so refer to the flags on the cables to ensure they are plugged in to the correct location.
10. Turn on the chassis battery disconnect switch.
11. Turn on ignition and verify that steering wheel switch functions are working properly.

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