

NEWMAR CORPORATION WARRANTY DEPARTMENT

TECHNICAL SERVICE BULLETIN																			
DATE ISSUED		MODEL YEAR(S) AFFECTED		MODEL(S) AFFECTED		TSB #													
3/24/08		2007		All Spartan DP chassis w/Cummins engines		338													
BRAND						TYPE													
All	<input type="checkbox"/>	American Star	<input type="checkbox"/>	Mountain Aire	<input checked="" type="checkbox"/>	All	<input type="checkbox"/>	T T	<input type="checkbox"/>										
Cypress	<input type="checkbox"/>	Dutch Star	<input checked="" type="checkbox"/>	Kountry Aire	<input type="checkbox"/>	F W	<input type="checkbox"/>	C A	<input type="checkbox"/>										
Northern Star	<input type="checkbox"/>	Kountry Star	<input checked="" type="checkbox"/>	Essex	<input checked="" type="checkbox"/>	D P	<input checked="" type="checkbox"/>	D B	<input checked="" type="checkbox"/>										
Scottsdale	<input type="checkbox"/>	King Aire	<input checked="" type="checkbox"/>	London Aire	<input type="checkbox"/>														
All Star ME	<input checked="" type="checkbox"/>	Ventana	<input checked="" type="checkbox"/>																
<table border="0"><tr><td><input type="checkbox"/> Air Conditioning & Heating</td><td><input type="checkbox"/> Electrical Components</td></tr><tr><td><input type="checkbox"/> Appliances & Accessories</td><td><input type="checkbox"/> Exterior Components</td></tr><tr><td><input type="checkbox"/> Cabinets & Furniture</td><td><input type="checkbox"/> Interior Components</td></tr><tr><td><input checked="" type="checkbox"/> Chassis Components</td><td><input type="checkbox"/> Plumbing & Bath Components</td></tr><tr><td><input type="checkbox"/> Construction Components</td><td><input type="checkbox"/> Windows, Awnings, Vents, & Doors</td></tr></table>										<input type="checkbox"/> Air Conditioning & Heating	<input type="checkbox"/> Electrical Components	<input type="checkbox"/> Appliances & Accessories	<input type="checkbox"/> Exterior Components	<input type="checkbox"/> Cabinets & Furniture	<input type="checkbox"/> Interior Components	<input checked="" type="checkbox"/> Chassis Components	<input type="checkbox"/> Plumbing & Bath Components	<input type="checkbox"/> Construction Components	<input type="checkbox"/> Windows, Awnings, Vents, & Doors
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DESCRIPTION OF PROBLEM																			
<p>“Engine Brake” light function was programmed “Disabled” in “Engine Programming Parameters”.</p>																			
RECOMMENDED SOLUTION																			
<p>Re-program engine electronics via laptop. See attached Chassis Manufacturers procedure. Contact Spartan Motors if you have any questions regarding this Technical Service Bulletin. Spartan TSB08-570-001.</p>																			



SPARTAN CHASSIS, INC.

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- SUBJECT:** Communication Systems – Engine Programming
- APPLIES TO:** Certain Spartan Motorhomes equipped with a 2007 emissions engine and having a VDM (Vehicle Date of Manufacture) of September 21, 2006 through September 02, 2007.
- CONDITION:** Engine brake light function was programmed “disable” in engine programming parameters.
- SPECIAL EQUIPMENT:** PC equipped with Cummins Insite™ software.

PLEASE READ THE ENTIRE BULLETIN BEFORE PROCEEDING WITH ANY WORK. CONTACT SPARTAN CHASSIS IF THERE ARE ANY CONCERNS WITH THE PROCEDURES CONTAINED IN THIS DOCUMENT.

PART / SERVICE INFORMATION:

A CUMMINS AUTHORIZED DISTRIBUTOR IS REQUIRED TO PERFORM THE ENGINE CALIBRATION UPDATE.

Labor Time: 1.0 Hrs.

STEP-BY-STEP INSTRUCTIONS:

1. Observe all industry safety standards, disconnect any necessary power source and secure vehicle for engine parameters update.
2. Connect PC (with Insite™) to the engine diagnostic port.
3. Refer to FIG. 2-1. Locate **Features and Parameters** and Expand the **Engine Brake Control** folder.

Technical Service Bulletins are intended for use by Professional Technicians only. They are written to guide Professional Technicians in performing service to vehicles of product specific nature in conjunction with industry standards. Professional Technicians are appropriately trained on industry standards and have the tools and equipment to perform procedures safely and properly.



SPARTAN CHASSIS, INC.

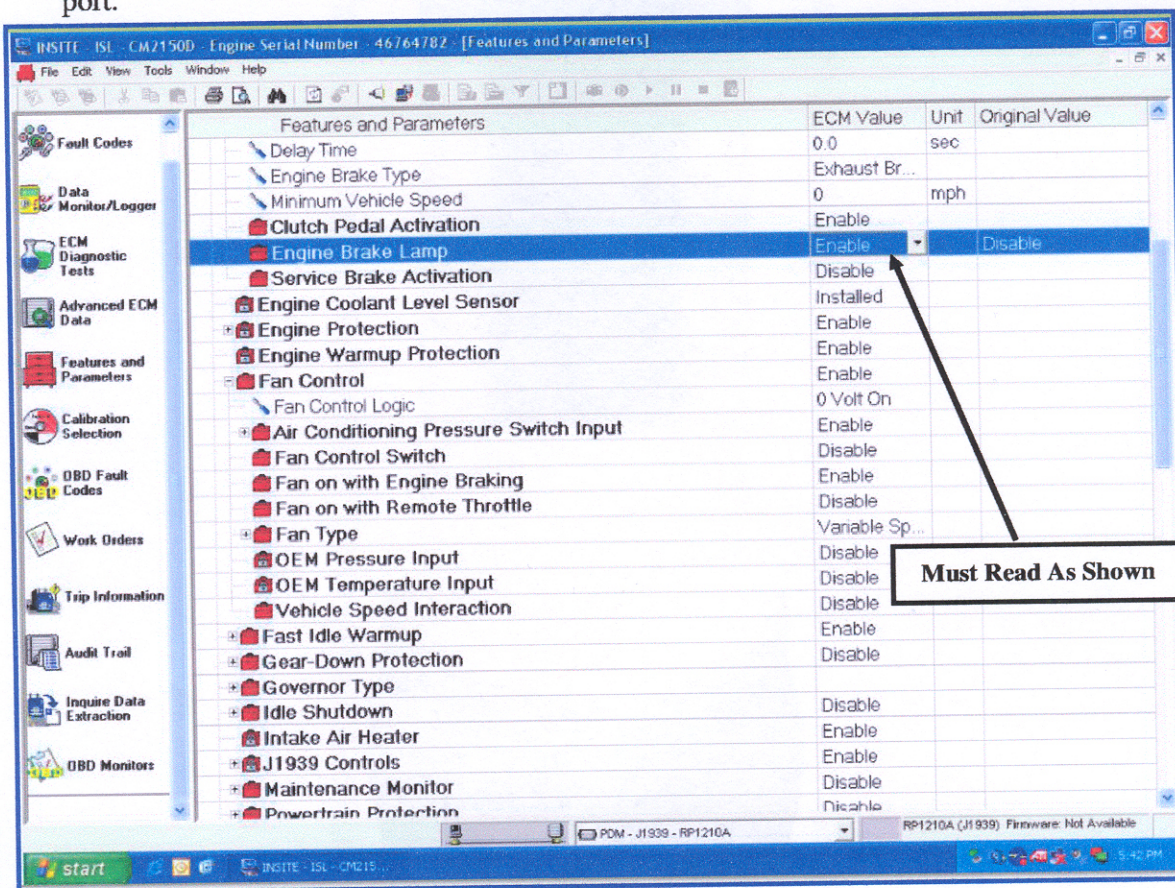
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4. Refer to FIG. 2-1. Locate the **Engine Brake Lamp** feature and change the ECM Value to read **"Enable"**.
5. Send change to engine and follow appropriate procedures to disconnect from the diagnostic port.



ENGINE BRAKE LAMP PARAMETER
FIG. 2-1

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