

Newmar Corporation Warranty Department

Technical Service Bulletin							
Date Issued		Model Year(s) Affected		Model(s) Affected		TSB #	
1/3/2007		12/2/2005 – 5/9/2006		All Star		311	
Brand						Type	
All	<input type="checkbox"/>	American Star	<input type="checkbox"/>	Mountain Aire	<input type="checkbox"/>	All	<input type="checkbox"/>
		Dutch Star	<input type="checkbox"/>	Kountry Aire	<input type="checkbox"/>	F W	<input type="checkbox"/>
All Star	<input checked="" type="checkbox"/>	Kountry Star	<input type="checkbox"/>	Essex	<input type="checkbox"/>	D P	<input checked="" type="checkbox"/>
Scottsdale	<input type="checkbox"/>	Northern Star	<input type="checkbox"/>	London Aire	<input type="checkbox"/>	D B	<input type="checkbox"/>
<div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> Air Conditioning & Heating <input type="checkbox"/> Appliances & Accessories <input type="checkbox"/> Cabinets & Furniture <input checked="" type="checkbox"/> Chassis Components <input type="checkbox"/> Construction Components </div> <div> <input type="checkbox"/> Electrical Components <input type="checkbox"/> Exterior Components <input type="checkbox"/> Interior Components <input type="checkbox"/> Plumbing & Bath Components <input type="checkbox"/> Windows, Awnings, Vents, & Doors </div> </div>							
Description of Problem							
Potential for Driveline Vibration.							
Recommended Solution							
Inspect the location of the rear engine mounts, and correct if necessary. See manufacturer's attached repair directions. Contact manufacturer directly for additional information or instructions.							



Spartan Chassis, Inc.
Customer Service Group

January 2, 2007

Re: Notice of Campaign Service Bulletin: **CSB06-170-002**

Dear Service Manager,

Attached is a copy of campaign service bulletin **CSB06-170-002** which addresses the condition for potential driveline vibration. This condition applies to certain Spartan units produced as Newmar All-star models, with a VDM (Vehicle Date of Manufacture) of December 2, 2005 through May 9, 2006.

The correction is to inspect the location of the rear engine mounts, and correct if necessary.

.5 hrs is allowed for inspection only. 2 hrs is allowed for inspection / rework.

If you have any questions, call Spartan's Customer Service Dept. @ 800-393-8861 (Option 2).

Although **this is not a recall**, Spartan Chassis is committed to serving you with your best interests in mind.

Best Regards,

Wayne Ridge

Wayne Ridge
Product Improvement Administrator
Spartan Chassis, Inc.

Should the servicing facility have any billing questions, call Wayne Ridge at 517-543-6400 ext.445



Spartan Chassis, Inc.
Customer Service Group



SPARTAN CHASSIS, INC.

CSB06-170-002

December, 2006

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CAMPAIGN SERVICE BULLETIN

SUBJECT: Engine -Mounts

APPLIES TO: Spartan units produced as Newmar All-star Models, with a VDM (Vehicle Date of Manufacture) of December 2, 2005 through May 9, 2006.

CONDITION: Potential for Driveline Vibration.

CORRECTION: Inspect the location of the rear engine mounts, and correct if necessary

PART / SERVICE INFORMATION:

Labor Time: **Inspection Only** 0.5 Hours
 Inspection/Rework 2.0 Hours

<u>QTY.</u>	<u>Part Number</u>	<u>Description</u>
As needed	81790	Adhesive- removable threadlocker "blue" Or equivalent

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

STEP-BY-STEP INSTRUCTIONS:

1. Observe all industry safety standards and secure vehicle for rework of the rear engine mounts.

Inspection

2. Refer to FIG. 2-1. Measure the bolt hole location on the vertical surface of each rear upper engine mounting bracket.

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.

CSB06-170-002

December, 2006

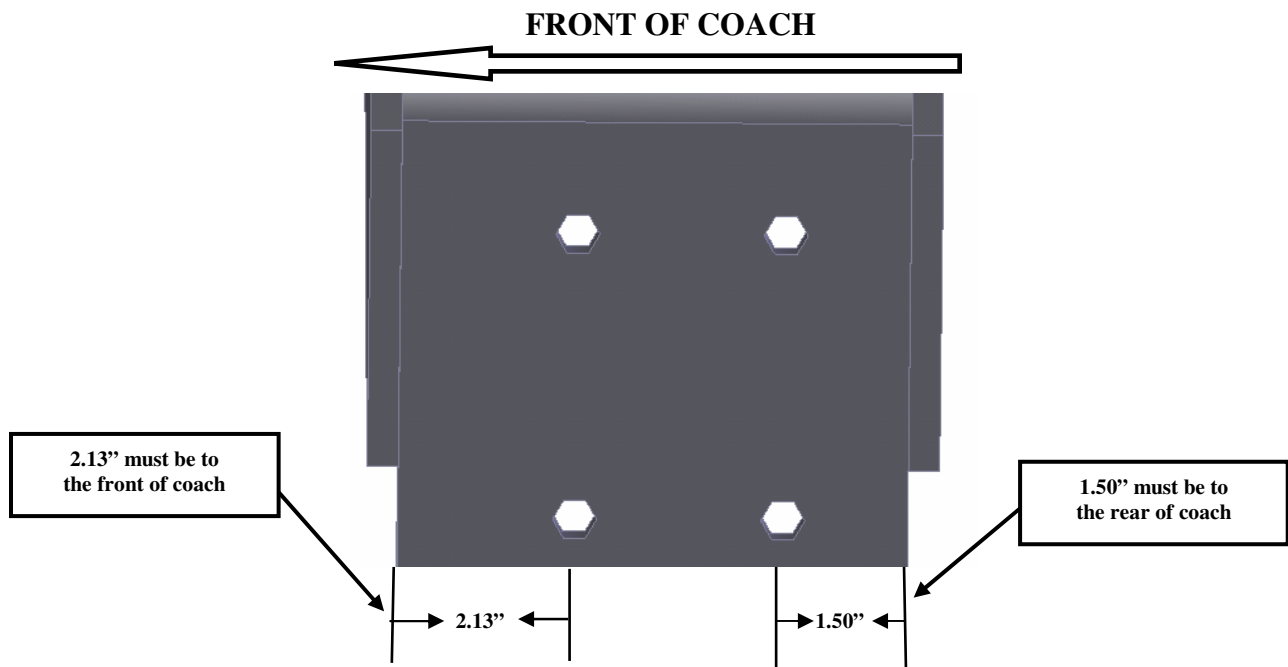
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CAMPAIGN SERVICE BULLETIN

NOTE: The hole location must be measured for EACH of the rear upper engine mounting brackets.

- 2a) From the rear vertical edge of the bracket, measure to the centerline of the first hole. If the dimension is 1.50" the mount is installed properly and no further work is necessary.
- 2b) If the measurement is not 1.50" proceed to step #3.

NOTE: The measurement should be the same for both brackets. If the measurement is not the same, contact Spartan Chassis, Inc.



UPPER ENGINE MOUNTING BRACKET

FIG. 2-1

Correction

- 3. Place jack under center of flywheel housing and raise engine to remove weight from rear engine mounting isolators.

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SPARTAN CHASSIS, INC.

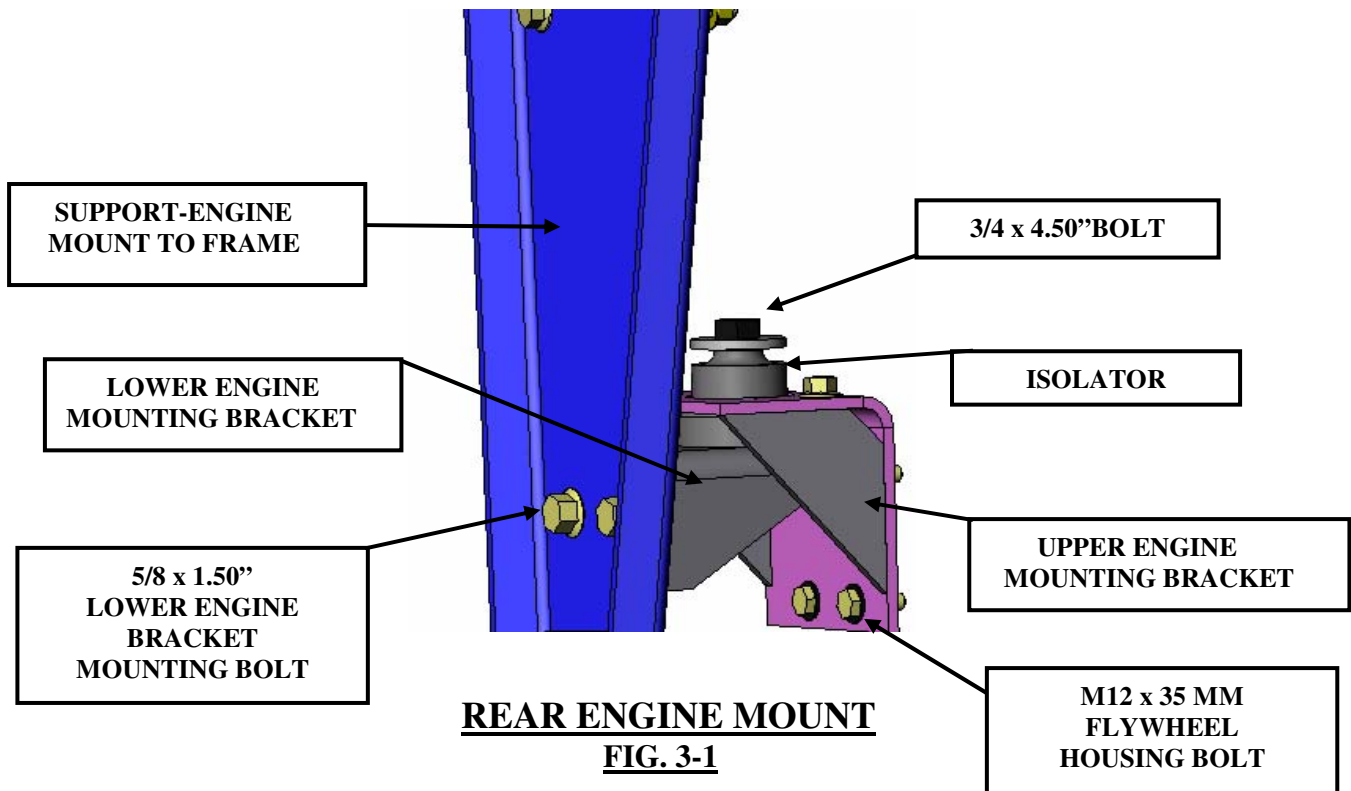
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4. Refer to FIG. 3-1. Remove 3/4 X 4.50" bolts that pass thru the engine mounting brackets and isolators. Save fasteners for reuse.
5. Remove 5/8 X 1.50" bolts from support frame brackets. Save fasteners for reuse.
6. Remove M12 X 35MM bolts from upper engine mounting bracket and isolator as an assembly from each side of flywheel housing. Save fasteners for reuse.
7. Remove all of the threadlocker from the threads of the bolts that were attaching the upper engine mounting brackets to the flywheel housing.



8. Install upper engine mounting bracket and isolator assemblies such that the bolt hole location of the first hole from the rear vertical edge is 1.50" as described in step #2. Apply a liberal amount of thread locker. Reuse existing hardware. Torque to 38 ft. lbs.

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9. Reinstall lower engine mounting brackets to support frame brackets. Reuse existing fasteners. Torque to 180 ft. lbs.
10. Reinstall 3/4 x 4.50" bolt and flat washer through upper and lower engine mounting brackets.
11. Lower then remove jack from under flywheel housing.
12. Reinstall 3/4" nuts onto mounting bracket bolts. Torque to 300 ft. lbs.
13. Review entire engine compartment to insure that **no** pipes brackets or braces are contacting any portion of the frame that would cause vibrations.

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SALES ORDER		FPN	VDM	Chassis	Vantive VDM	Vantive Chassis	Vantive Last Name or Company Name	Vantive First Name
VINNUM								
4VZBN3D967C053846	53846	MG24360-095	12/2/2005	NEWMAR (CHASSIS ONLY	12/2/2005	MG (All Star)		
4VZBN3D947C054199	54199	MG24360-095	12/16/2005	NEWMAR (CHASSIS ONLY	12/16/2005	MG (All Star)		
4VZBN3D937C054601	54601	MG24360-095	1/4/2006	NEWMAR (CHASSIS ONLY	1/4/2006	MG (All Star)	Tupy	Garry Brent
4VZBN3D977C054200	54200	MG24360-095	1/6/2006	NEWMAR (CHASSIS ONLY	1/6/2006	MG (All Star)	Pacheco	Larry & Lena O
4VZBN3D967C054723	54723	MG24360-095	1/10/2006	NEWMAR (CHASSIS ONLY	1/10/2006	MG (All Star)		
4VZBN3D987C054724	54724	MG24360-095	1/16/2006	NEWMAR (CHASSIS ONLY	1/16/2006	MG (All Star)	Fessler	Aaron & Rita Kimber
4VZBN3D9X7C054725	54725	MG24360-095	1/17/2006	NEWMAR (CHASSIS ONLY	1/17/2006	MG (All Star)		
4VZBN3D987C054772	54772	MG24360-095	1/18/2006	NEWMAR (CHASSIS ONLY	1/18/2006	MG (All Star)		
4VZBN3D9X7C054773	54773	MG24360-095	1/19/2006	NEWMAR (CHASSIS ONLY	1/19/2006	MG (All Star)		
4VZBN3D957C054776	54776	MG24360-095	1/19/2006	NEWMAR (CHASSIS ONLY	1/19/2006	MG (All Star)		
4VZBN3D917C054774	54774	MG24360-095	1/24/2006	NEWMAR (CHASSIS ONLY	1/24/2006	MG (All Star)		
4VZBN3D977C054777	54777	MG24360-095	1/25/2006	NEWMAR (CHASSIS ONLY	1/25/2006	MG (All Star)		
4VZBN3D997C054828	54828	MG24360-095	1/25/2006	NEWMAR (CHASSIS ONLY	1/25/2006	MG (All Star)	Earl	Esther
4VZBN3D937C054775	54775	MG24360-095	1/30/2006	NEWMAR (CHASSIS ONLY	1/30/2006	MG (All Star)		
4VZBR3D957C054829	54829	MG24360-095	1/30/2006	NEWMAR (CHASSIS ONLY	1/30/2006	MG (All Star)		
4VZBN3D977C054830	54830	MG24360-095	1/30/2006	NEWMAR (CHASSIS ONLY	1/30/2006	MG (All Star)	Coldani	Kevin & Jennifer
4VZBR3D957C054832	54832	MG24360-095	2/1/2006	NEWMAR (CHASSIS ONLY	2/1/2006	MG (All Star)		
4VZBN3D997C054831	54831	MG24360-095	2/2/2006	NEWMAR (CHASSIS ONLY	2/2/2006	MG (All Star)	Siroin	Eddy C
4VZBN3D927C054833	54833	MG24360-095	2/2/2006	NEWMAR (CHASSIS ONLY	2/2/2006	MG (All Star)	McHugh	Craig S
4VZBN3D967C054883	54883	MG24360-095	2/2/2006	NEWMAR (CHASSIS ONLY	2/2/2006	MG (All Star)		
4VZBR3D927C054884	54884	MG24360-095	2/6/2006	NEWMAR (CHASSIS ONLY	2/6/2006	MG (All Star)		
4VZBR3D947C054885	54885	MG24360-095	2/6/2006	NEWMAR (CHASSIS ONLY	2/6/2006	MG (All Star)		
4VZBR3D967C054886	54886	MG24360-095	2/6/2006	NEWMAR (CHASSIS ONLY	2/6/2006	MG (All Star)	LeBlanc	Kenneth E
4VZBR3D987C054887	54887	MG24360-095	2/6/2006	NEWMAR (CHASSIS ONLY	2/6/2006	MG (All Star)		
4VZBR3D9X7C054888	54888	MG24360-095	2/6/2006	NEWMAR (CHASSIS ONLY	2/6/2006	MG (All Star)		
4VZBR3D917C054889	54889	MG24360-095	2/8/2006	NEWMAR (CHASSIS ONLY	2/8/2006	MG (All Star)		
4VZBR3D987C054890	54890	MG24360-095	2/8/2006	NEWMAR (CHASSIS ONLY	2/8/2006	MG (All Star)		
4VZBR3D9X7C054891	54891	MG24360-095	2/8/2006	NEWMAR (CHASSIS ONLY	2/8/2006	MG (All Star)		
4VZBR3D917C054892	54892	MG24360-095	2/9/2006	NEWMAR (CHASSIS ONLY	2/9/2006	MG (All Star)		
4VZBR3D917C054973	54973	MG24360-095	2/9/2006	NEWMAR (CHASSIS ONLY	2/9/2006	MG (All Star)		
4VZBR3D937C054974	54974	MG24360-095	2/13/2006	NEWMAR (CHASSIS ONLY	2/13/2006	MG (All Star)	Cornier	Rhoal & Lucienne
4VZBR3D957C054975	54975	MG24360-095	2/14/2006	NEWMAR (CHASSIS ONLY	2/14/2016	MG (All Star)		
4VZBR3D987C055182	55182	MG24360-095	2/15/2006	NEWMAR (CHASSIS ONLY	2/15/2006	MG (All Star)		
4VZBR3D987C055165	55165	MG24360-095	2/16/2006	NEWMAR (CHASSIS ONLY	2/16/2006	MG (All Star)		
4VZBR3D9X7C055183	55183	MG24360-095	2/20/2006	NEWMAR (CHASSIS ONLY	2/20/2006	MG (All Star)	Jones	Christopher D
4VZBR3D957C055284	55284	MG24360-095	2/27/2006	NEWMAR (CHASSIS ONLY	2/27/2006	MG (All Star)		
4VZBR3D977C055285	55285	MG24360-095	2/27/2006	NEWMAR (CHASSIS ONLY	2/27/2006	MG (All Star)		
4VZBR3D997C055286	55286	MG24360-095	2/27/2006	NEWMAR (CHASSIS ONLY	2/27/2006	MG (All Star)		
4VZBR3D907C055287	55287	MG24360-095	2/27/2006	NEWMAR (CHASSIS ONLY	2/27/2006	MG (All Star)		
4VZBR3D927C055288	55288	MG24360-095	2/27/2006	NEWMAR (CHASSIS ONLY	2/27/2006	MG (All Star)		
4VZBR3D977C055397	55397	MG24360-095	3/2/2006	NEWMAR (CHASSIS ONLY	3/14/2006	MG (All Star)		
4VZBR3D997C055398	55398	MG24360-095	3/2/2006	NEWMAR (CHASSIS ONLY	3/2/2006	MG (All Star)		
4VZBR3D907C055399	55399	MG24360-095	3/6/2006	NEWMAR (CHASSIS ONLY	3/6/2006	MG (All Star)		
			3/7/2006	NEWMAR (CHASSIS ONLY	3/7/2006	MG (All Star)		

4VZBR3D907C055533	55533	MG24360-095	3/14/2006	NEWMAR (CHASSIS ONLY	3/14/2006	MG (All Star)
4VZBR3D927C055534	55534	MG24360-095	3/15/2006	NEWMAR (CHASSIS ONLY	3/15/2006	MG (All Star)
4VZBR3D947C055535	55535	MG24360-095	3/16/2006	NEWMAR (CHASSIS ONLY	3/16/2006	MG (All Star)
4VZBR3D967C055536	55536	MG24360-095	3/16/2006	NEWMAR (CHASSIS ONLY	3/16/2006	MG (All Star)
4VZBR3D987C055537	55537	MG24360-095	3/16/2006	NEWMAR (CHASSIS ONLY	3/16/2006	MG (All Star)
4VZBR3D987C055604	55604	MG24360-095	3/21/2006	NEWMAR (CHASSIS ONLY	3/21/2006	MG (All Star)
4VZBR3D9X7C055605	55605	MG24360-095	3/21/2006	NEWMAR (CHASSIS ONLY	3/21/2006	MG (All Star)