

NEWMAR CORPORATION WARRANTY DEPARTMENT

TECHNICAL SERVICE BULLETIN

DATE ISSUED	MODEL YEAR(S) AFFECTED		MODEL(S) AFFECTED		TSB #
04/13/2011	2010-2011		Diesel Pushers		388
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 type="checkbox"/>	Essex <input checked="" type="checkbox"/>	D P <input checked="" type="checkbox"/> D B <input type="checkbox"/>		
Scottsdale <input type="checkbox"/>	King Aire <input checked="" type="checkbox"/>	London Aire <input type="checkbox"/>			
All Star ME <input type="checkbox"/>	Ventana <input checked="" type="checkbox"/>	Bay Star <input type="checkbox"/>			
<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					<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
DESCRIPTION OF PROBLEM					
<p>Certain Spartan Motors Chassis Inc, Recreational Vehicles having a VDM (Vehicle Date of Manufacture) of February 25, 2010 through December 9, 2010 may have a hydraulic filter head flow that is reversed.</p>					
RECOMMENDED SOLUTION					
<p>Spartan Motors Chassis Inc. recommends that the hydraulic filter head be replaced <u>at a recommended Spartan Motors Service center.</u></p> <p>Please instruct all qualified Customers to Carefully follow the instructions below to have their vehicles serviced.</p> <ul style="list-style-type: none"> You do not need to call Spartan Chassis, Inc. to find the facility most convenient to you. These facilities can be located on Spartan's website: http://www.spartanchassis.com. If you lack access to the internet call 800-543-4277 (Option 1) for locations. Please have available the last 5 digits of your VIN, also known as the SO (Sales Order) number (This is listed on the upper left portion of the address label.) 					



SPARTAN CHASSIS, INC.

1000 REYNOLDS RD • CHARLOTTE, MI 48813 • 517.543.6400

March 14, 2011

RE: Notice of Campaign Service Bulletin: **CSB11-270-001**

Dear Service Manager,

Attached is a copy of campaign service bulletin **CSB11-270-001** regarding Hydraulic Filter Heads.

This campaign applies to certain Spartan Motors Chassis Inc, Recreational Vehicles having a VDM (Vehicle Date of Manufacture) of February 25, 2010 through December 9, 2010.

The condition present is that the hydraulic filter head flow is reversed.

The correction is to install the hydraulic filter head correctly.

1 hour labor will be allowed for this repair.

If you do not require technical assistance regarding this repair, please contact our Customer Service Department to obtain the Work Authorization # and warranty parts for this repair.
800-393-8861, Option 4.

If technical assistance is required regarding this repair, please contact our Customer Service Department to speak with one of our technical associates. 800-393-8861, Option 2.

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

Sincerely,

Sonia Thorndyke
Campaign/Recall Coordinator
sonia.thorndyke@spartanchassis.com
Tel: 517-543-6400 ext. 3188
Fax: 517-543-9264

SPARTAN MOTORS CHASSIS, INC.



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CAMPAIGN SERVICE BULLETIN

SUBJECT: Cooling – Hydraulic Filter Head

APPLIES TO: Certain Spartan Motors Chassis Inc, Recreational Vehicle(s) having a VDM (Vehicle Date of Manufacture February 25, 2010 through December 9, 2010.

CONDITION: Hydraulic Filter Head Flow Reversed

CORRECTION: Install Hydraulic Filter Head Correctly

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:

Labor Time: 1.0 Hrs.

<u>QTY.</u>	<u>Part Number</u>	<u>Description</u>
1	S-2282-001	Kit- Hydraulic Oil Filter
As Needed	N/A	AW46-Hydraulic Oil
As Needed	81801 or equivalent	Pipe Sealant w/Teflon

Kit # S-2282-001 Contains:

<u>QTY.</u>	<u>Part Number</u>	<u>Description</u>
1	1145-KK1-001	Head – Filter Hydraulic Oil
1	1097-KK1	Filter – Spin On
1	CSB11-270-001	Document Instructions

STEP-BY-STEP INSTRUCTIONS:

NOTE: Observe all industry safety standards, disconnect any necessary power source, and secure vehicle for inspecting/replacing hydraulic filter and filter head.

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 MOTORS CHASSIS, INC.



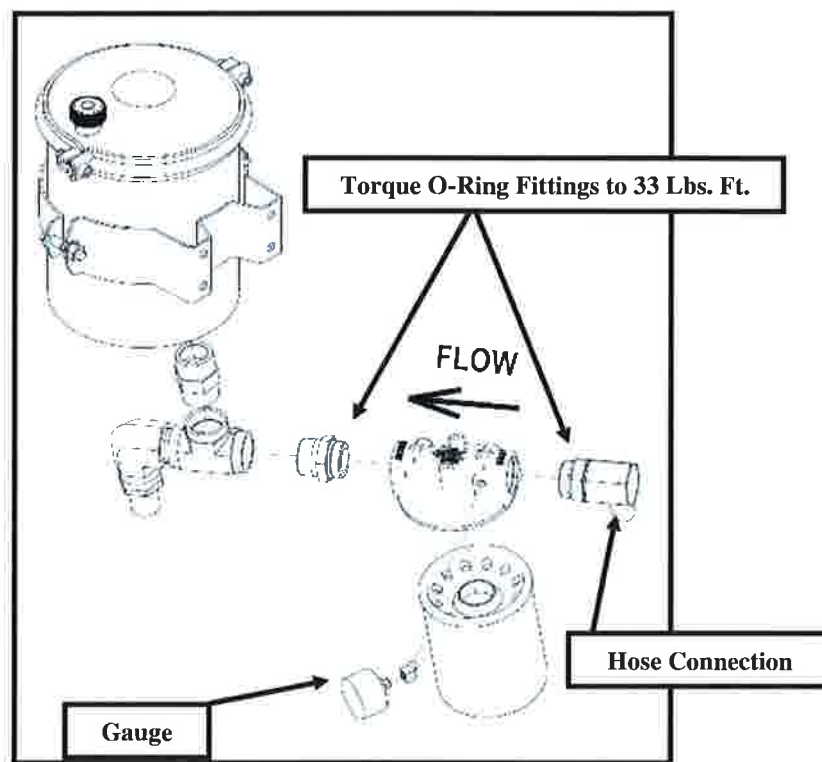
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CAMPAIGN SERVICE BULLETIN

1. Locate hydraulic reservoir.
2. Refer to FIG. 2-1. Inspect for flow direction. Flow arrow on top of filter head must be pointing towards reservoir, if arrow is pointing towards reservoir no further work is required. If arrow is pointing away from reservoir continue with instructions.



FILTER HEAD
FIG. 2-1

3. Refer to FIG 3-1. Locate hydraulic cooler just forward of drive axle.
 4. Refer to FIG 3-1. Disconnect electrical connection at sensor in hydraulic cooler.
- NOTE: A drain pan or catch basin of some type should be used to capture fluid.**
5. Refer to FIG 3-1. Loosen and remove sensor from cooler, retain sensor for reuse.

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SENSOR HYDRAULIC COOLER

FIG. 3-1

6. Drain fluid into drain pan; properly discard fluid in accordance with local regulations.
7. Refer to FIG. 2-1. Loosen and disconnect hose, from fitting attached to filter head. Retain hose clamp for reuse.
8. Refer to FIG. 2-1. Loosen and remove filter gauge and small fitting, retain gauge and fitting for reuse.
9. Refer to FIG. 2-1. Loosen and remove filter from filter head, drain filter into drain pan. Properly dispose of filter in accordance with local regulations.
10. Refer to FIG. 2-1. Remove filter head, properly dispose of filter head in accordance with local regulations.

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NOTE: Fitting that attaches to tee fitting and filter head may need to be adjusted.

11. Refer to FIG. 2-1. Install new filter head reusing O-ringed fittings. Torque fittings to 33 lbs. ft.

NOTE: Apply 81801 pipe sealer w/Teflon or equivalent to pipe threads only.

12. Refer to FIG. 2-1. Reinstall fitting and gauge into filter head.
13. Refer to FIG. 2-1. Reconnect hose to barb fitting, secure as needed.
14. Refer to FIG. 3-1. Reinstall sensor in hydraulic cooler, secure as needed.
15. Fill system with AW46 Hydraulic oil or equivalent. Approximately 3 gallons.
16. Start unit and let idle for 10 to 15 minutes, shut off and refill as needed.

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