



Skyline Corporation
2520 By-Pass Road
P.O. Box 743 (46515-0743)
Elkhart, Indiana 46514-1584
phone: (574) 294-6521
fax: (574) 522-5257
email: lphilippsen@skylinecorp.com

September 8, 2005

Linda Philippsen
Assistant Vice President

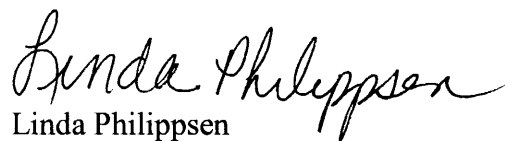
Ms. Delia Lopez
Office of Defects Investigation
National Highway Traffic Safety Administration
400 7th Street, SW
Washington, DC 20590

Dear Ms. Lopez:

Re: Recall 05V-386

Enclosed are copies of the final form of dealer and owner notifications on the above recall. The mailing was completed today.

Very truly yours,


Linda Philippsen

Enc.

RECEIVED
SEP 14 2005
DEFECTS INVESTIGATION
A 10:31

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Skyline Corporation
P.O. Box 743 (46515-0743)
2520 ByPass Road
Elkhart, Indiana 46514-1584
(574) 294-6521

September 8, 2005

Dear Skyline Dealer:

On August 31, 2005, Skyline contacted the National Highway Traffic Safety Administration to report a defect which relates to motor vehicle safety in its 2005 and 2006 "Nomad Rampage", "Aljo Rampage" and "Layton Rampage" and 2006 "Rampage", "Freestyle" and Trailblazer" fifth wheel trailers manufactured between March 29, 2005 and August 2, 2005 with 16" chrome-plated wheels.

The defect is poor weld quality and insufficient press fit between the wheel rim and disc.

Skyline will contact all customers who purchased one of these recreational vehicles. Our records show that you received the following units. If the unit has been sold, please furnish Skyline with the names and addresses of the purchasers. Skyline will contact the purchaser and ask that the unit be returned to you for repair. A sample of Skyline's notice to retail purchasers is enclosed. If an affected unit is not on this list, Skyline has the retail customer information and sent the recall notice to your customer.

<u>Serial Number</u>	<u>Date Shipped</u>	<u>Name and Address of Retail Purchaser</u>
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If the unit remains in your stock, contact Tredit Tire & Wheel Co. Inc. at 866-443-9907 for replacement 16" aluminum wheels. (Be sure to order sufficient replacement wheels – either 5 or 7 depending on the model unit involved.) Only 16" chrome-plated wheels manufactured by J.C. Auto Corporation (aka JCA) from China are being recalled. First, check your units by removing the tire and wheel assembly. The backside of the wheel (opposite valve side) will have identification markings stamped into the rim portion of the wheel. The wheels that are part of this recall and need to be replaced will have either of the following two markings as part of the identification stamp:

JG/JCA CHINA
HW/JCA CHINA

If the wheels were not manufactured by JCA China, they are not part of this recall. Please see the attached procedure for replacing the JCA China wheels. A copy of this procedure will also be included with the replacement wheels. Tredit will furnish a return tag for returning all replaced wheels to Tredit. Please review this procedure with your service staff to familiarize them with the step-by-step procedure. All wheel assemblies including the spare must be pulled and checked since it's possible that some units have a combination of recalled and non-recalled wheels. If this is the case, all wheels must be replaced. Please send your invoice directly to Tredit Tire & Wheel Co., P.O. Box 1170, Elkhart, IN 46515 to be reimbursed for the work. Be sure to include the serial number of the vehicle on your invoice. Once Tredit receives the recalled wheels, they will promptly reimburse you for the work.

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PLEASE NOTE: REPLACEMENT WHEELS FROM TREDIT WILL NOT BE AVAILABLE UNTIL DECEMBER 1, 2005 although Tredit has informed Skyline that they have sufficient wheels to take care of all retail sold units and may have a limited supply of wheels for sold units not yet delivered.

Federal law requires that, if you have received a notice of recall or failure to comply from Skyline or any component manufacturer, you must repair or otherwise correct the defects on vehicles remaining in your inventory – according to the notification – before selling or leasing the vehicle. Any vehicle lessor receiving this recall notice must forward a copy of the notice to the lessee within ten (10) days.

Skyline apologizes for any inconvenience this may cause you or your customers. Thank you for your help in remedying this situation on a timely basis.

Enc.

Steel Wheel Replacement

Skyline is conducting a voluntary RECALL notification campaign in accordance with the National Highway Transportation and Safety Act. Skyline has determined that a defect exists in the model listed below. Some wheels of this type have developed cracks which could lead to a separation of the wheel from the trailer. The following procedure describes how to perform the work required and how to educate the customer of their maintenance responsibilities in adhering to the torque procedures found in the Skyline RV owner's manual.

Models Included: 2005 and 2006 "Nomad Rampage", "Aljo Rampage" and "Layton Rampage" and 2006 "Rampage", "Freestyle" and Trailblazer" fifth wheel trailers manufactured between March 29, 2005 and August 2, 2005 with 16" chrome-plated wheels.

Parts Required per Unit:

Tools Required:

- Impact Wrench - 1/2" drive (removal of wheels only)
- Torque Wrench – 1/2" drive
- Deep Socket (7/8"), 1/2" drive
- Cleaning rags
- Minimum 2" long socket extension, 1/2" drive
- Jack Stands
- Floor Jack – adequate to trailer weight
- Paint Remover
- Water hose with spray nozzle
- Wheel blocks
- Wire Wheel
- Drill

INSTRUCTIONS

PREPARING THE TRAILER

- Step 1** Locate the trailer on a level, flat, hard surface. Chock the wheels.
- Step 2** Use a floor jack of sufficient capacity to raise one side of the trailer. Place the floor jack under the main frame rail behind the rear spring hanger, leaving enough room to install a jack stand immediately behind the spring hanger. Elevate the frame just enough to take some of the weight off the wheel.
- Step 3** Loosen the lug nuts on the rear wheel about a half turn. DO NOT remove lug nuts at this time.
- Step 4** Raise the frame until the rear tire just clears the ground.

- Step 5** Install a jack stand of sufficient capacity just behind the rear spring hanger.
- Step 6** Relocate floor jack to an area just forward of the front spring hanger, leaving enough room to install a jack stand immediately in front of the spring hanger.
- Step 7** Use a floor jack of sufficient capacity to raise one side of the trailer. Place the floor jack under the main frame rail forward of the front spring hanger, leaving enough room to install a jack stand immediately forward of the spring hanger. Elevate the frame just enough to take some of the weight off the wheel.
- Step 8** Loosen the lug nuts on the forward wheel about a half turn. **DO NOT** remove lug nuts at this time.
- Step 9** Raise the frame until the forward tire just clears the ground.
- Step 10** Install a jack stand of sufficient capacity just forward of the front spring hanger.
- Step 11** With both tires now slightly off the ground finish removing the lug nuts and the two wheels from the trailer.

TIRE DISMOUNT & REMOUNT

- Step 1** The tires will have to be removed from the wheels they are currently mounted on and remounted to the new wheels. If you do not have the facilities to perform this operation contact Tredit Tire with an estimate from a local tire shop and for approval.
- Step 2** Inflate the tires to 110 pounds per square inch (psi).

HUB PAINT REMOVAL

- Step 1** The new wheels are aluminum and have a flat mounting surface on the backside of the wheel. This wheel design makes it necessary to remove any paint on the contact area of the axle hub face prior to installing the new wheel. Apply paint remover or equivalent to the wheel-mating surface of the axle hub. Use a wire brush to clean all black paint from the wheel-mating surface, that is, all areas of the hub face that come in direct contact with the wheel. **WARNING-Avoid damaging the hub face with this process!**



FIGURE 1 (Note – this photo is an 8-lug nut wheel. Skyline units will have a 6-lug nut wheel.)

Step 2 After the paint is removed, clean the hub face of **ANY** contamination (grease, dirt, etc.) by cleaning the area with brake cleaner, degreaser. Wash the area with water and dry the hub face. **Figure 1** shows how the hub face should look after you are done.

Warning: When using chemicals (paint remover, brake cleaner/degreaser) be sure to utilize the “Personal Protective Equipment” (PPE) recommended by the manufacturer through the Material Safety Data Sheet (MSDS) and dispose in accordance with all Federal, State and Local Laws.

Warning: When cleaning the hub face with the wire wheel avoid excessive pressure on the studs. Applying too much force here could damage the threads on the studs.

WHEEL ASSEMBLY AND NEW LUG NUT INSTALLATION

Step 1 Using a clean rag, wipe down all lug nuts and tapered nut seats on wheel to remove any remaining residue or contamination.

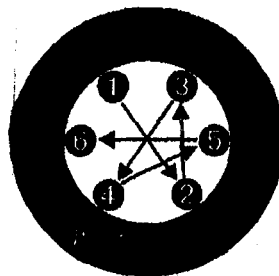
Step 2 Carefully mount each wheel to an axle.

Step 3 Start the new lug nuts on each stud by hand.

- Step 4** Using a torque wrench; tighten the lug nuts to the 1st stage torque requirement (50-60 ft/lbs) outlined in **Figure 2** using the star pattern outlined in **Figure 3**. Do not apply final torque on this first step. Verify that the lug nuts are properly seated in the wheel. Follow the 6 bolt diagram by tightening each lug in the numbered sequence.
- Step 5** Lower the trailer to the ground.
- Step 6** Using a torque wrench; tighten the lug nuts to the 2nd stage torque requirement (90-120 ft/lbs) outlined in **Figure 2** using the star pattern outlined in **Figure 3**. Follow the 6 bolt diagram by tightening each lug in the numbered sequence.
- Step 7** Using a torque wrench; tighten the lug nuts to the 3rd stage torque requirement (120-150 ft/lbs) outlined in **Figure 2** using the star pattern outlined in **Figure 3**. Follow the 6 bolt diagram by tightening each lug in the numbered sequence.

Wheel Torque Requirements			
Wheel Size	1st Stage	2nd Stage	3rd Stage
16"	50-60	90-120	120-150

FIGURE 2



6-LUG NUT WHEEL

FIGURE 3

- Step 7** Use a dial or digital torque wrench to verify that the proper amount of torque has been applied.
- Step 8** Repeat steps 1-6 for the other side of the trailer



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September 8, 2005

Dear Skyline Recreational Vehicle Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

REASON FOR THIS RECALL

Skyline Corporation has decided that a defect which relates to motor vehicle safety exists in its 2005 and 2006 "Nomad Rampage", "Aljo Rampage" and "Layton Rampage" and 2006 "Rampage", "Freestyle" and Trailblazer" fifth wheel trailers manufactured between March 29, 2005 and August 2, 2005 with 16" chrome-plated wheels manufactured by J.C. Auto Corporation (aka JCA). There is poor weld quality and insufficient press fit between the wheel rim and disc. The center of the wheel could separate from the rim. The wheel may wobble and cause a vibration or the mounted tire could lose air, causing the tire to go flat, resulting in a loss of control of the vehicle, increasing the risk of a crash. This could occur without prior warning. Do not tow your recreational vehicle until the recall has been performed.

WHAT WE WILL DO

Your dealer will replace the 16" chrome wheels with 16" aluminum wheels at no charge to you.

WHAT YOU SHOULD DO

Take your unit to the dealer. Your dealer will remove the wheels on your unit and check if you need replacement wheels. If so, your dealer will order the wheels for you. Once the dealer receives the replacement wheels, they will contact you to bring your unit back in for installation of the replacement wheels. This installation should take 1.5 to 2 hours.

If you are not able to have the safety defect remedied without charge and within a reasonable time, you may wish to write the Administrator, National Highway Traffic Safety Administration, 400 Seventh Street, S.W., Washington, DC 20590 or call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153); or go to <http://www.safercar.gov>.

We apologize for this inconvenience. However, we have taken this action in the interest of your safety and continued satisfaction with your Skyline recreational vehicle.

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