



Tiffin Motorhomes, Inc.

105 2nd St. NW

Red Bay, AL 35582

256-356-8661

SB – 34

Phaeton Exhaust Shield (POWERGLIDE)

VIN _____

Dealer or Service Center Address _____

Invoice # _____ Date _____

_____ Pay to Dealer

_____ Pay to Owner (Please include address if different from label above)

***Note to service center of Tiffin Dealer. Please use code 9934SB00 on warranty claim or invoice. We are allowing 2 hours for this job to be performed.**

Please return this form with invoice or warranty claim to Tiffin Motorhomes, Inc. at address above.

Adding a Heat Sock and Heat Shield to Powerglide 40QBH Phaeton



Tiffin Motorhomes, Inc.

Effective Date: 8/01/11

Work Instruction Number:

WI-0186

Revision: 00

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PURPOSE: To provide instructions for adding a heat sock and heat shield to a Powerglide Phaeton exhaust system.

MATERIALS NEEDED:

- 1- Battery Powered Screw Gun
- 1- Battery Powered Reciprocating Saw
- 1- Philips Head Bit
- 1- Pair of Needle Nose Pliers
- 1- 16 in. X 20 in. square piece of sheet metal wrapped w/heat shield
- 1- Pneumatic Ratchet
- 1- ½ in. socket
- 1- Heat Sock
- 10- Self tapping screws 1 inch in length

PROCEDURE:

1. The pipe that will need to be removed will be located on the driver's side of the unit. One end of the pipe will connect to the turbo charger and the other end of the pipe will connect to the DPF. So remove the clamps that hold the turbo outlet pipe in place with a ½ inch socket. See photo below.

Adding a Heat Sock and Heat Sheild to Powerglide 40QBH Pheaton



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2. After removing the turbo pipe a section of the subfloor will have to be cut out. This can be done with the battery powered saw. The section to be cut out is located right above the turbo outlet pipe. Looking at photo A. start your cut from the left top and straight across. Then cut at an angle coming back towards the front of the unit. The overall dimension of the cutout will be 10 in. X 12 in. Photo B. is the section that was removed.

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A



B

3. After removing the section of the subfloor the heat shield can now be installed. Basically, put the heat shield to the underside of the subfloor and attach it with the self taping screws. It's very important that each screw hits a piece of tubing that is located in the subfloor. You should be able to see the tubing or feel for it through the black material on the bottom of the subfloor. See photo below.

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4. Then take the turbo outlet pipe and the heat sock and wrap the bellows section of the pipe with the heat sock. Make sure that the sock is centered on the pipe so that it will not be difficult to reinstall the pipe. Basically, snap the snaps together then push the metal ties together using needle nose pliers. As mentioned above after sock is centered on the pipe tighten the ties as tight as you can. See photo below.

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5. After the heat sock has been installed on the turbo outlet pipe it can now be reinstated using step 1. See photo below.



Adding a Heat Sock and Heat Shield to Powerglide 40QTH Phaeton



Tiffin Motorhomes, Inc.

Effective Date: 8/08/11

Work Instruction Number:

Revision: 00

WI-0188

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PURPOSE: To provide instructions for adding a heat sock and heat shield to a Powerglide Phaeton exhaust system.

MATERIALS NEEDED:

- 1- Battery Powered Screw Gun
- 1- Philips Head Bit
- 1- Pair of Needle Nose Pliers
- 1- 16 in. X 20 in. square piece of sheet metal wrapped w/heat shield
- 1- Heat Sock
- 10- Self tapping screws 1 inch in length

PROCEDURE:

The photo below is showing the turbo outlet pipe before the heat shield or heat sock have been installed.



Adding a Heat Sock and Heat Shield to Powerglide 40QTH Pheaton



Tiffin Motorhomes, Inc.

Effective Date: 8/08/11

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WI-0188

Revision: 00

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1. Place the heat shield above the turbo outlet pipe that is located on the driver's side of the unit on the underside of the subfloor and attach it with the self tapping screws. It's very important that each screw hits a piece of tubing that is located in the subfloor. You should be able to see the tubing or feel for it through the black material on the bottom of the subfloor.
2. Then take the turbo outlet pipe and the heat sock and wrap the bellows section of the pipe with the heat sock. Make sure that the sock is centered on the pipe. Basically, snap the snaps together then push the metal ties together using needle nose pliers. After sock is centered on the pipe tighten the metal ties as tight as you can. The photo below shows the heat shield and heat sock installed.



Adding a Heat Sock and Heat Shield to Powerglide 40QKH Pheaton



Tiffin Motorhomes, Inc.

Effective Date: 8/02/11

Work Instruction Number:

Revision: 00

WI-0187

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PURPOSE: To provide instructions for adding a heat sock and heat shield to a Powerglide Phaeton exhaust system.

MATERIALS NEEDED:

- 1- Battery Powered Screw Gun
- 1- Philips Head Bit
- 1- Pair of Needle Nose Pliers
- 1- 16 in. X 20 in. square piece of sheet metal wrapped w/heat shield
- 1- Heat Sock
- 10- Self tapping screws 1 inch in length

PROCEDURE:

The photo below is showing the turbo outlet pipe before the heat shield or heat sock have been installed.



Adding a Heat Sock and Heat Shield to Powerglide 40QKH Pheaton



Tiffin Motorhomes, Inc.

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Work Instruction Number:

WI-0187

Revision: 00

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1. Place the heat shield on the underside of the subfloor above the turbo outlet pipe, and attach it with the self taping screws. It's very important that each screw hits a piece of tubing located in the subfloor. You should be able to see the tubing or feel for it through the black material on the bottom of the subfloor.
2. Then take the turbo outlet pipe and the heat sock and wrap the bellows section of the pipe with the heat sock. Make sure that the sock is centered on the pipe. Basically, snap the snaps together then push the metal ties together using needle nose pliers. After sock is centered on the pipe tighten the metal ties as tight as you can. The photo below shows the heat shield and heat sock installed.



Adding a Heat Sock and Heat Sheild to Powerglide 40QKH Pheaton

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