

Dicor Versa-Liner® Installation Instructions

For Dicor Versa-Liner® Part Number V160FO

IMPORTANT

Please Read and Save These Instructions. Do Not Loosen or Remove Lug Nuts

Note: Set the vehicle parking brake prior to wheel product installation.

The Versa-Liner® kit you received should contain the following items:

V160FO	
2-Front Versa-Liners	8-Lug Nut Covers
2-Rear Versa Liners	4-Emblems
8-Jam Nuts	1-Installation Tool
1-Installation Instructions	

NOTE:

This system can be installed with the installation tool supplied.

This tool should be stowed with your vehicle tire tool.

No other tools are necessary.

Do not use power tools for installation.



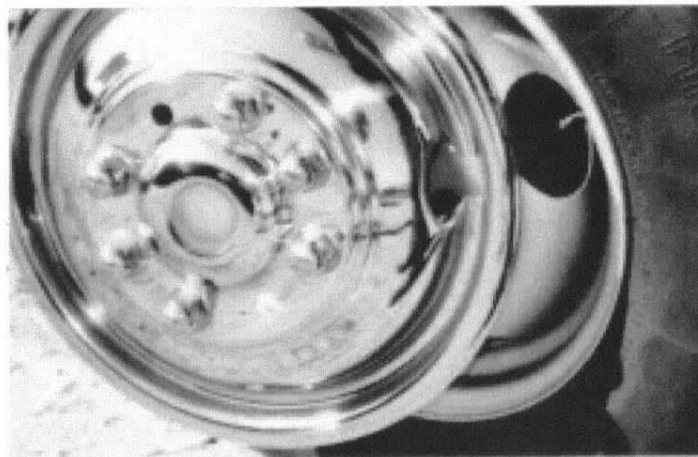
Front Wheel Versa-Liner® Instructions

Align the valve stem cut out in the front Versa-Liner® with the valve stem on the wheel.

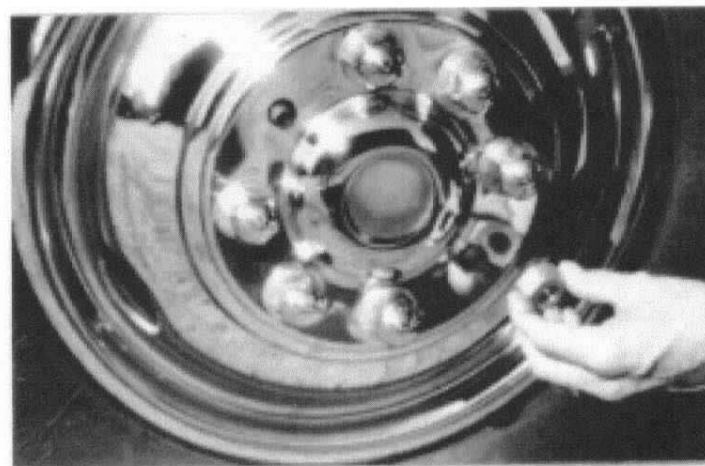
Position the front Versa-Liner® so that the wheel studs extend through the two stud openings. Make certain the studs are centered in the openings and that the Versa-Liner® is centered on the wheel.

Hand tighten the jam nut which is provided to each of the two studs extending through the face of the Versa-Liner®

1

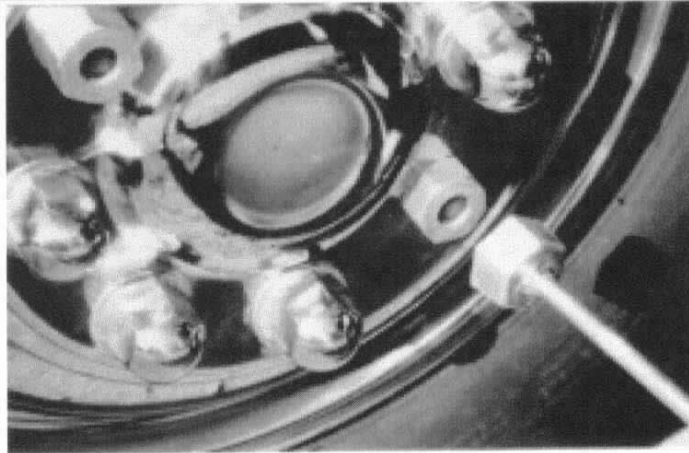


2



(over)

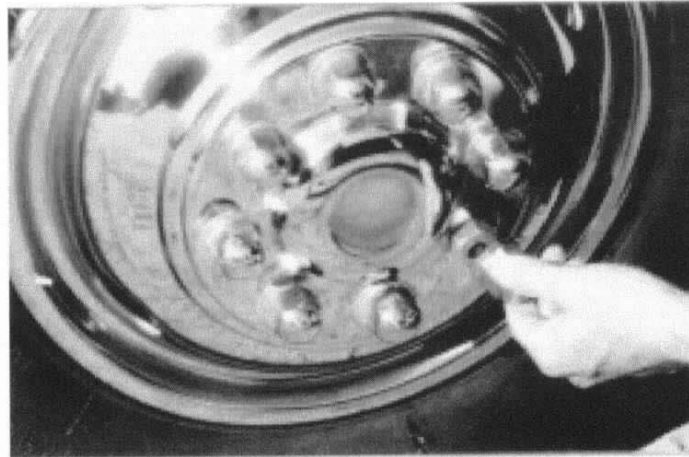
3



Securely tighten each jam nut with the installation tool provided. If a power tool is used, tighten to a torque level of 60 ft-lbs (dry).

Note: After the first 50 to 100 miles of operation, recheck the torque level and retighten the jam nuts to the proper torque level if necessary. Recheck periodically thereafter.

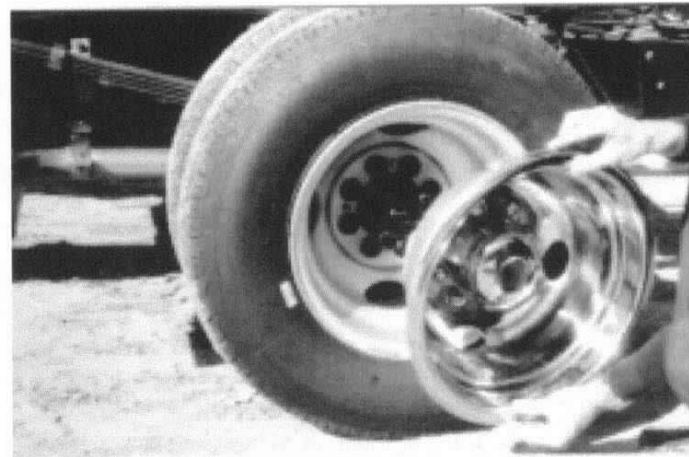
4



Press jam nut covers provided firmly on to the jam nuts.

Front Versa-Liner® installation is complete.

5



Rear Wheel Versa-Liner® Instructions

Align the openings in the rear Versa-Liner® with the openings in the wheel. Repeat the same installation procedure as used to install the front Versa-Liner®.

Care and Maintenance

- Clean only with mild soap and water.
- Do not use harsh detergents, acids or abrasives.
- Periodically check jam nuts for tightness.

Dicor Versa-Liner® Installation Instructions

For Versa-Liner Part Number V160G4, V160GM, & V165GM

IMPORTANT

Please Read and Save These Instructions. Do Not Loosen or Remove Lug Nuts

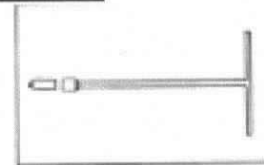
Note: Set the vehicle parking brake prior to wheel product installation.

The Versa-Liner® kit you received should contain the following items:

V160G4, V160GM, V165GM	
2-Front Versa-Liner	8-Attachment Screws
2-Rear Versa-Liners	2-Pop-Out Center Caps
2-Front Hub Covers	1-Installation Tool
2-Rear Hub Covers	1-Installation Instructions
9-Push Nuts (1 Extra)	4-Emblems

NOTE:

A combination tool is supplied. It is used to install the push nuts and phillips head screws provided. This tool should be stowed with your vehicle tire tool. The use of a hammer (not provided) is recommended for step 5.



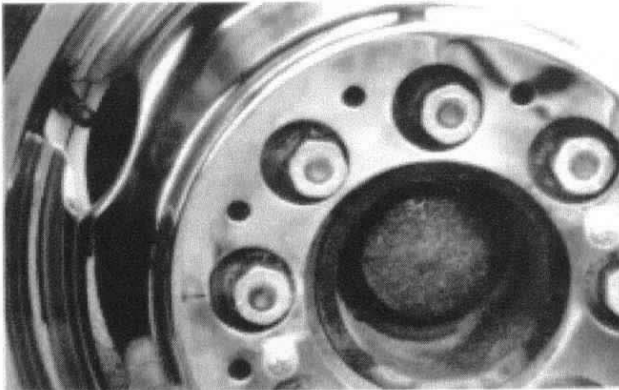
Front Wheel Versa-Liner® Instructions

Align the valve stem cut out in the front Versa-Liner® with the valve stem on the wheel.

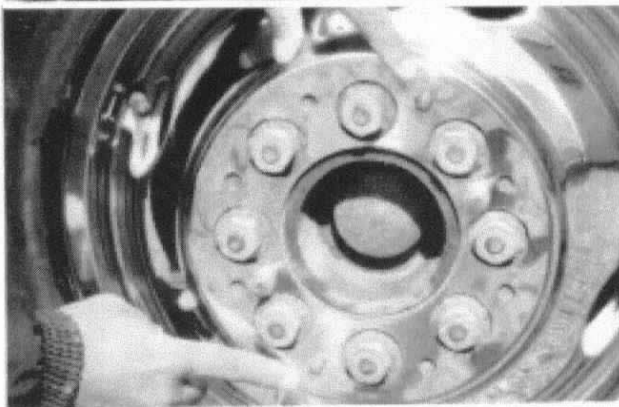
Position the Versa-Liner® on the wheel so the dowel pins protrude through the liner.

Place push nut on dowel pin. Be sure that the flange on the push nut faces dowel pin as shown in Figure A.

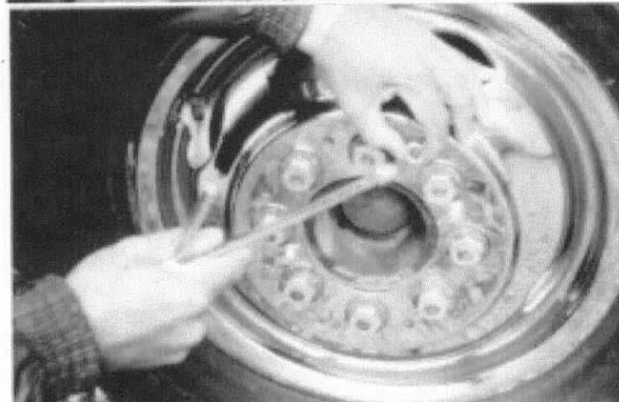
1



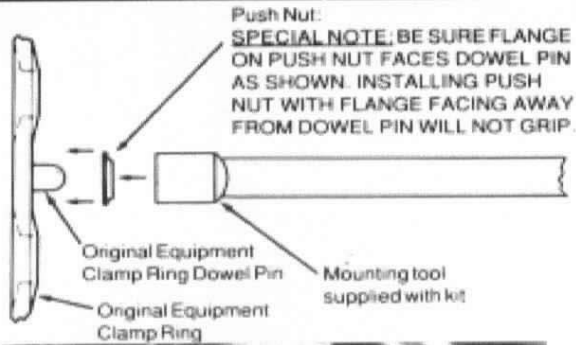
2



3



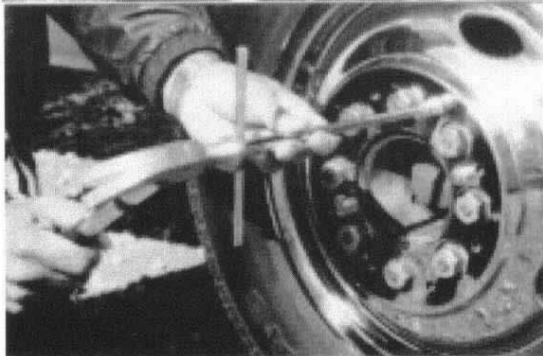
**Figure
A**



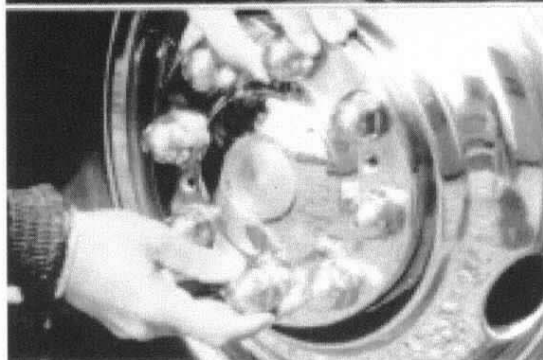
4



5



6



7



Flange on the push nut must face the dowel pin for proper installation. (Installing push pin with flange facing away from dowel pin will not grip.)

After removing phillips head insert from the end of the installation tool, position the tool in the indentation on the push nut and maintain inward pressure.

Drive push nut down to seat firmly on the face of the liner. This attaches the liner to the clamp ring. (The use of a hammer is recommended.)

Replace phillips head insert in the combination tool. Remove and save the two screws from the nut inserts. Place hub cover over the hub aligning the mounting holes to the nut inserts.

Attach the hub cover to the liner using the two screws removed in the preceding step.

Rear Wheel Versa-Liner® Instructions

Align the hand holes in the rear Versa-Liner® with the hand holes in the wheels.

Repeat steps 1 through 7.

Versa-Liner® Installation Instructions

For Versa-Liner® Part Numbers V160SD, V160F2, V160F4, V160F8 & V160F8M

IMPORTANT

Please Read and Save These Instructions. Do Not Loosen or Remove Lug Nuts

Note: Set the vehicle parking brake prior to wheel product installation.

In your kit you should receive the following items:

V160SD, V160F2, V160F4, V160F8 & V160F8M

2-Front Versa-Liners	8-Lug Nut Covers
2-Rear Versa Liners	1-Installation Tool
8-Stud Extenders	4-Emblems
8-Jam Nuts	1-Instruction Sheet

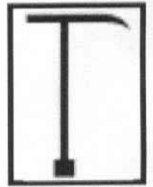
NOTE:

This system can be installed with the installation tool supplied.

This tool should be stored with your vehicle tire tool.

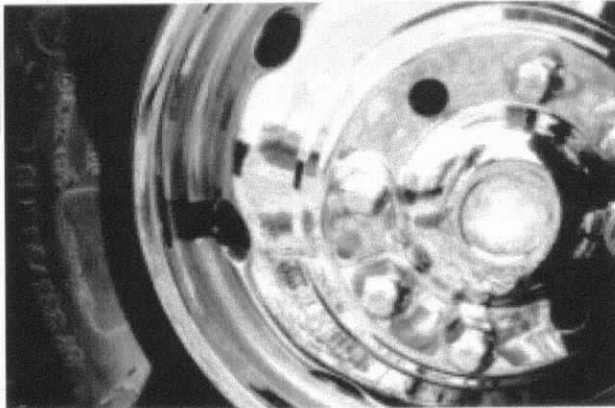
No other tools are necessary.

Do not use power tools for installation.



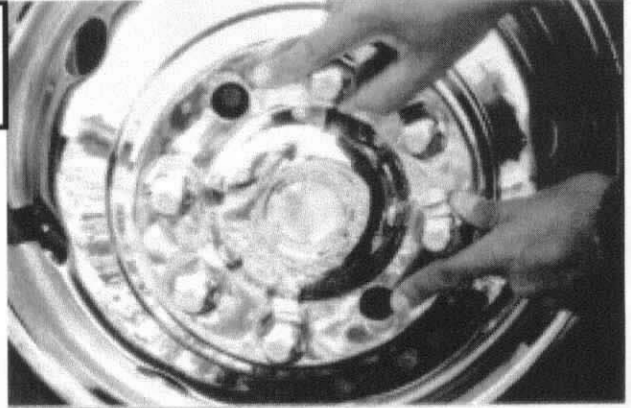
Front Wheel Versa-Liner® Instructions

1



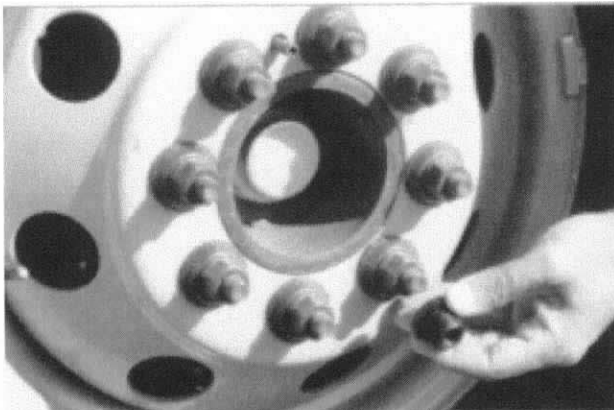
Align the valve stem cut out in the front Versa-Liner® with the valve stem on the wheel.

2



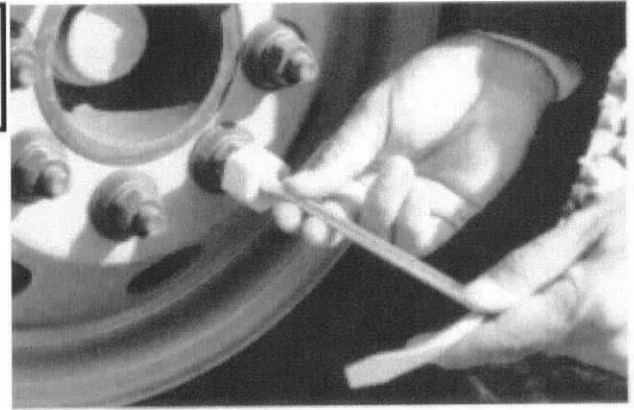
Position the front Versa-Liner® on the wheel. This allows you to locate the position for attachment of the stud extenders.

3



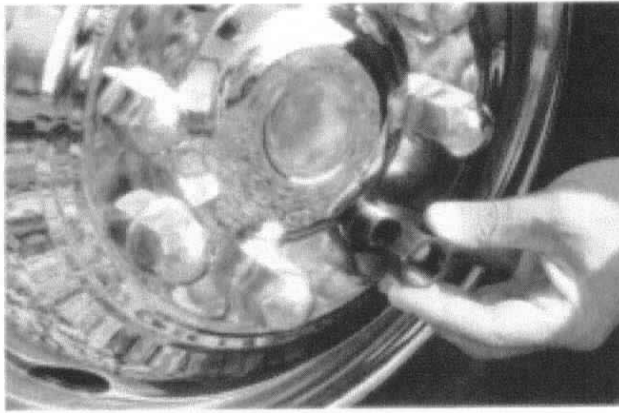
Install the stud extender in the locations determined in step 2.

4



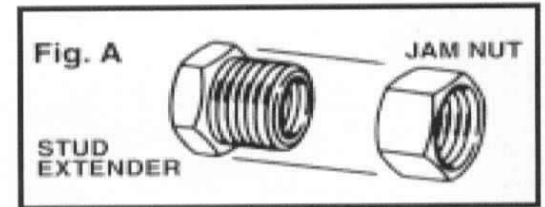
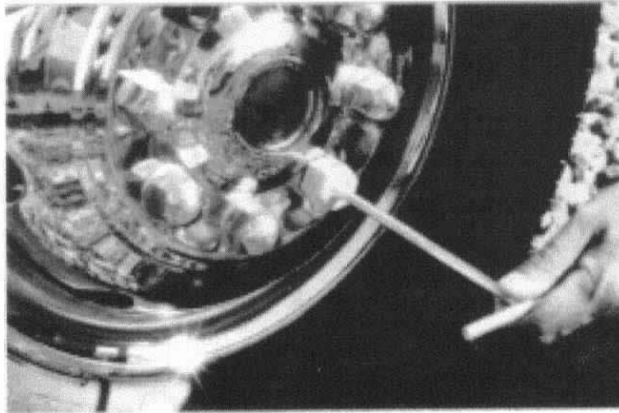
Securely tighten each stud extender with the tool provided. (If a torque wrench is used, tighten to a torque of 30 to 35 ft-lbs dry *.)

5



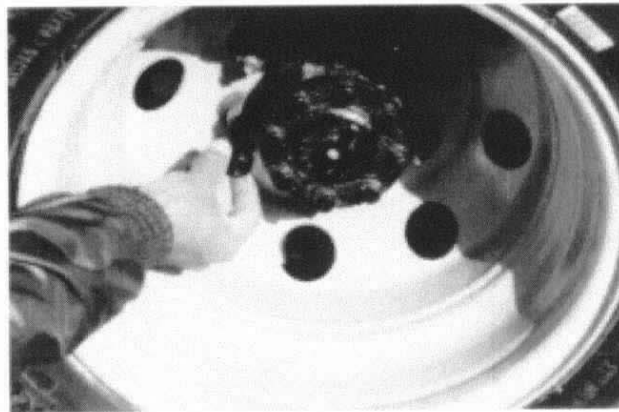
Position the Versa-Liner® so that the stud extenders are centered in the openings and the Versa-Liner® is centered on the wheel. Place the jam nuts on the stud extenders and hand tighten (see Fig. A). Jam nuts are designed with a locking feature which will engage the stud extender threads when fully tightened.

6



Securely tighten each jam nut with the tool provided. (If a torque wrench is used, tighten to a torque of 30 to 35 ft-lbs dry *.) Push on jam nut covers to complete installation.

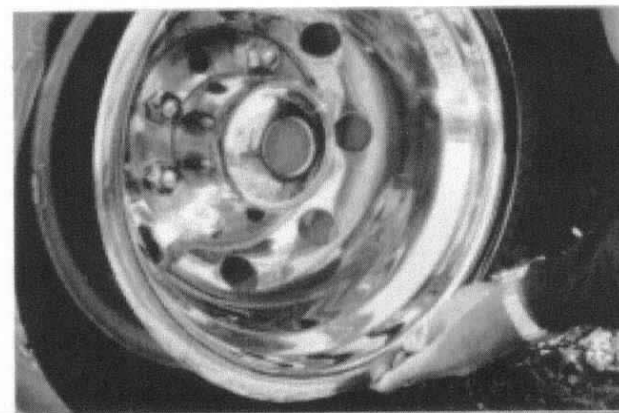
7



Rear Wheel Versa-Liner® Instructions

Align the openings in the rear Versa-Liner® with the openings in the wheel. This allows you to locate the position for attachment of the stud extenders.

8



To complete the rear wheel Versa-Liner® installation, repeat the same procedure used in steps 3 through 6.

*Note: Check torque level after the first 50 to 100 miles of operation. Periodically recheck the torque level and retighten the jam nuts to the proper torque level if necessary.

**THIS PRODUCT IS PROTECTED BY ONE OR MORE OF THE FOLLOWING U.S. PATENTS
#5,096,263; #4,932,724; #5,205,614; #5,227,478; #5,193,884; #5,205,616; #5,286,093
OTHER PATENTS PENDING**

Versa-Liner® Installation Instructions

For Versa-Liner® Part Number V195JO & V1950S

IMPORTANT

Please Read and Save These Instructions. Do Not Loosen or Remove Lug Nuts

Note: Set the vehicle parking brake prior to wheel product installation.

The Versa-Liner® kit you received should contain the following items:

V195JO & V1950S	
2-Front Versa-Liners	2-Left Rear Jam Nuts
2-Rear Versa-Liners	8-Lug Nut Covers
2-Right Front Jam Nuts	1-Installation Tool
2-Left Front Jam Nuts	1-Installation Instructions
2-Right Rear Jam Nuts	4-Emblems

NOTE:

This system can be installed with the installation tool supplied.

This tool should be stowed with your vehicle tire tool.

No other tools are necessary.

Do not use power tools for installation.



1

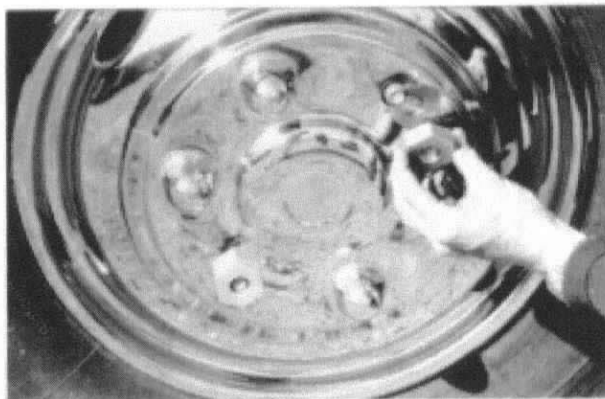


Front Wheel Versa-Liner® Instructions

Align the valve stem cut out in the front Versa-Liner® with the valve stem on the wheel.

Position the front Versa-Liner so that the wheel studs extend through the two stud openings. Make certain the studs are centered in the openings and that the Versa-Liner is centered on the wheel.

2

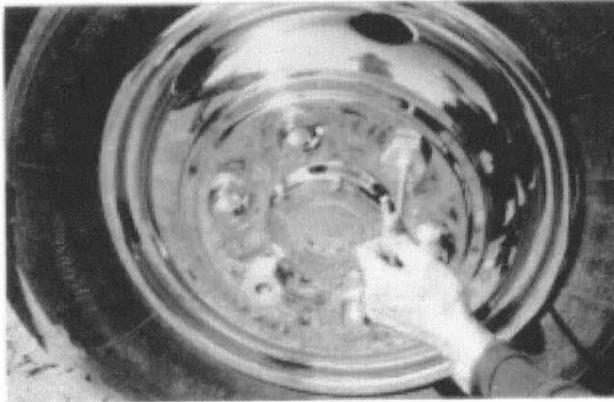


Special Note: Notice that the front and rear jam nuts are sized differently in order to match the stud size. Also note that each jam nut is marked "L" or "R". Those marked "L" have left hand threads and are used on the left side of the vehicle. Those marked "R" have right hand threads and are used on the right side of the vehicle. Hand tighten the appropriate jam nut to each of the two studs extending through the face of the Versa-Liner.

(over)

Versa-Liner® Installation Instructions (continued) for Part Number V195JO & V195OS

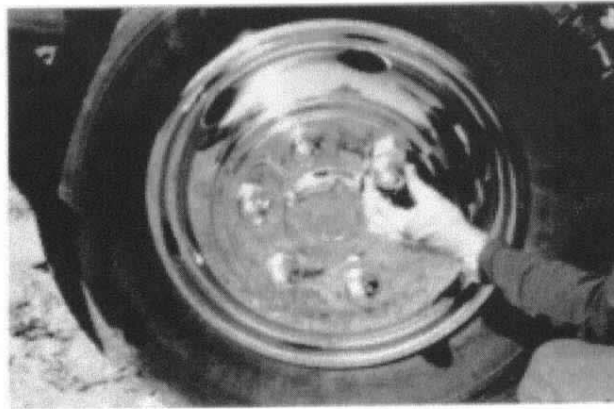
3



Securely tighten each jam nut with the installation tool provided. If a power tool is used, tighten to a torque level of 60 ft-lbs (dry).

Note: After the first 50 to 100 miles of operation, recheck the torque level and retighten the jam nuts to the proper torque level, if necessary. Recheck periodically thereafter.

4



Press jam nut covers provided firmly onto the jam nuts.

Front Versa-Liner installation is complete.

5



Rear WheelVersa-Liner® Instructions

Align the openings in the rear Versa-Liner with the openings in the wheel. Repeat the same installation procedure as used to install the front Versa-Liner.

Care and Maintenance

- Clean only with mild soap and water.
- Do not use harsh detergents, acids or abrasives.
- Periodically check jam nuts for tightness.

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Revised 01.30.08

Dicor Versa-Liner® Installation Instructions

For Versa-Liner Part Numbers V195P5 & V195P8

IMPORTANT

Please Read and Save These Instructions. Do Not Loosen or Remove Lug Nuts

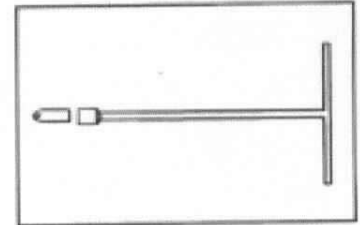
Note: Set the vehicle parking brake prior to wheel product installation.

The Versa-Liner® kit you received should contain the following items:

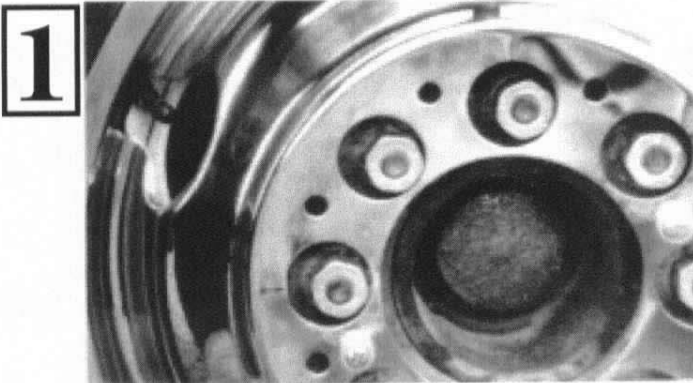
V195P5 & V195P8	
2-Front Versa-Liner	8-Push Nuts
2-Rear Versa-Liners	1-Installation Tool
2-Front Hub Covers	4-Emblems
2-Rear Hub Covers	8-Attachment Screws
1-Instruction Sheet	

NOTE:

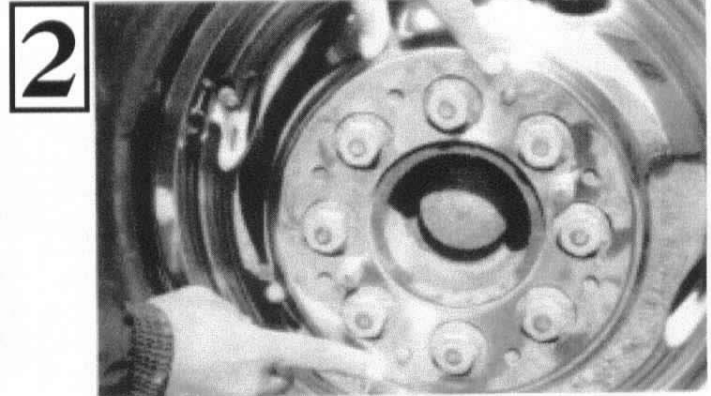
A combination tool is supplied. It is used to install the push nuts and phillips head screws provided. This tool should be stowed with your vehicle tire tool. The use of a hammer (not provided) is recommended for step 5.



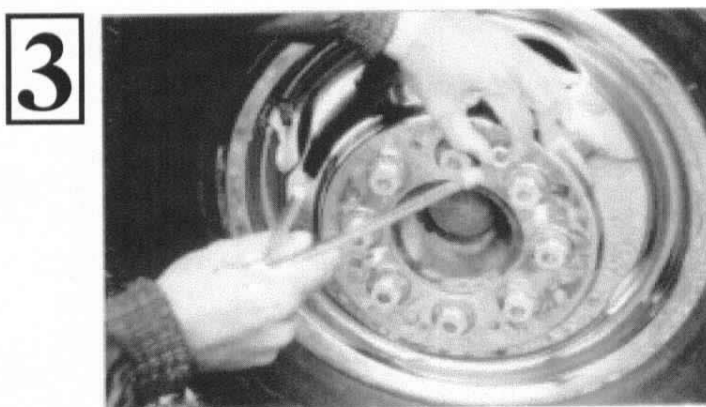
Front Wheel Versa-Liner® Instructions



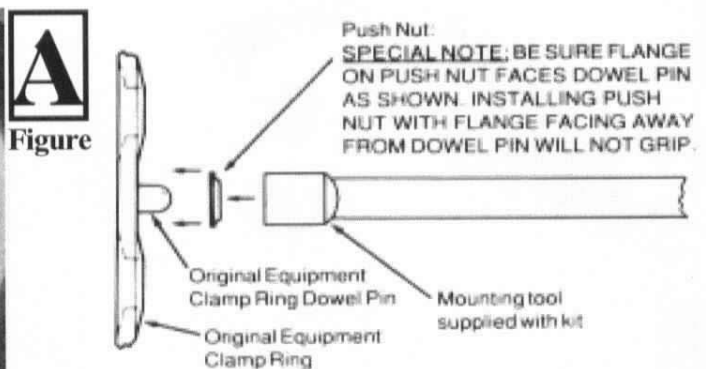
1 Align the valve stem cut out in the front Versa-Liner® with the valve stem on the wheel.



2 Position the Versa-Liner® on the wheel so the dowel pins protrude through the liner.



3 Place push nut on dowel pin. Be sure that the flange on the push nut faces dowel pin as shown in Figure A.



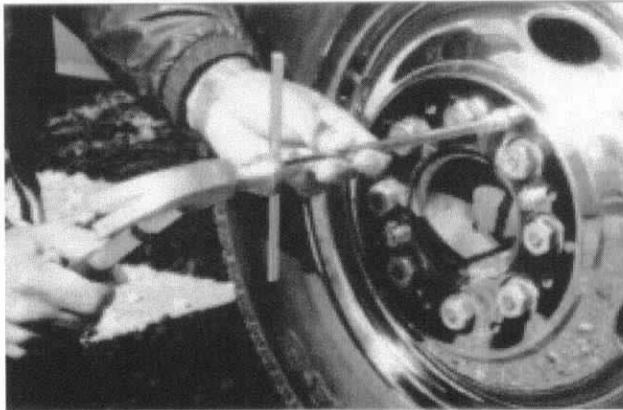
Flange on the push nut must face the dowel pin for proper installation. (Installing push pin with flange facing away from dowel pin will not grip.)

4



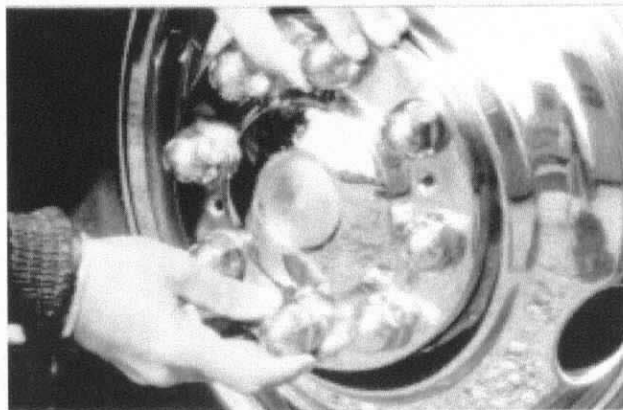
After removing phillips head insert from the end of the installation tool, position the tool in the indentation on the push nut and maintain inward pressure.

5



Drive push nut down to seat firmly on the face of the liner. This attaches the liner to the clamp ring. (The use of a hammer is recommended.)

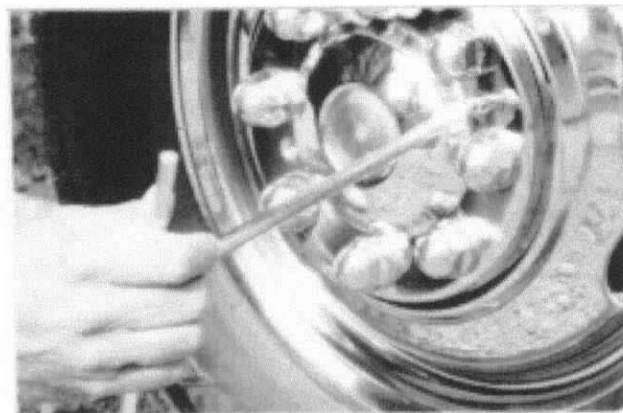
6



Replace phillips head insert in the combination tool. Remove and save the two screws from the nut inserts. Place hub cover over the hub aligning the mounting holes to the nut inserts.

Attach the hub cover to the liner using the two screws removed in the preceding step.

7



Align the hand holes in the rear Versa-Liner® with the hand holes in the wheels.

Repeat steps 1 through 7.

Rear Wheel Versa-Liner® Instructions

Versa-Liner® Installation Instructions

For Versa-Liner® Part Number V195P7 & V195P72

IMPORTANT

Please Read and Save These Instructions. Do Not Loosen or Remove Lug Nuts

Note: Set the vehicle parking brake prior to wheel product installation.

The Versa-Liner® kit you received should contain the following items:

V195P7 & V195P72	
2-Front Versa-Liners	8-Lug Nut Covers w/Enclosed Steel Jam Nuts
2-Rear Versa-Liners	1-Installation Tool
4-Nylon Studs	1-Instruction Sheet
4-Lug Nut Covers w/Enclosed Nylon Jam Nuts	4-Emblems

NOTE:

This system can be installed with the installation tool supplied.

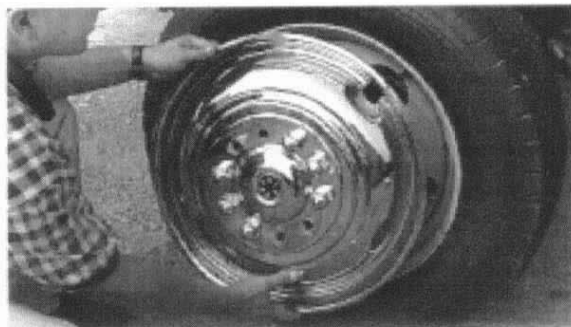
This tool should be stored with your vehicle tire tool.

No other tools are necessary.

Do not use power tools for installation.



1



2



3



Front Wheel Versa-Liner® Instructions

Align the valve stem cut out in the front Versa-Liner® with the valve stem on the wheel.

Note the two holes that the studs project through and the two that do not have studs showing. The ones without the studs showing will receive the nylon studs and lug nut cover w/enclosed nylon jam-nuts.

With the Versa-Liner back off, insert the nylon stud with the squared shoulder through the back of the Versa-Liner. Secure with the enclosed nylon Jam-Nut and tighten by hand. Only use installation tool to snug the fit, being careful not to overtighten. Repeat on the second hole. (over)

**Versa-Liner® Installation Instructions (continued) for Part Number
V195P7 & V195P72**

4



Place the Versa-Liner back onto the wheel and realign the valve stem with the valve stem cut out. Secure with the two enclosed steel jam nuts. Securely tighten each jam nut with the installation tool provided.*

5



**Rear WheelVersa-Liner®
Instructions**

Align the openings in the rear Versa-Liner with the openings in the wheel.

6



Mount the rear Versa-Liner using the two lug nut covers w/enclosed steel jam nuts and the installation tool provided.*

*Note: Check for tightness after the first 50 to 100 miles of operation.
Recheck periodically.

Care and Maintenance

- Clean only with mild soap and water.
- Do not use harsh detergents, acids or abrasives.
- Periodically check jam nuts for tightness.

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Revised 01.30.08

Versa-Liner® Installation Instructions

For Versa-Liner® Part Number V22506, V22508, V22528, V22510, V225-3/4, V22580 & V22580-22

IMPORTANT

Please Read and Save These Instructions. Do Not Loosen or Remove Lug Nuts

Note: Set the vehicle parking brake prior to wheel product installation.

The Versa-Liner® kit you received should contain the following items:

V22506, V22508, V22528, V22510, V225-3/4, V22580 & V22580-22

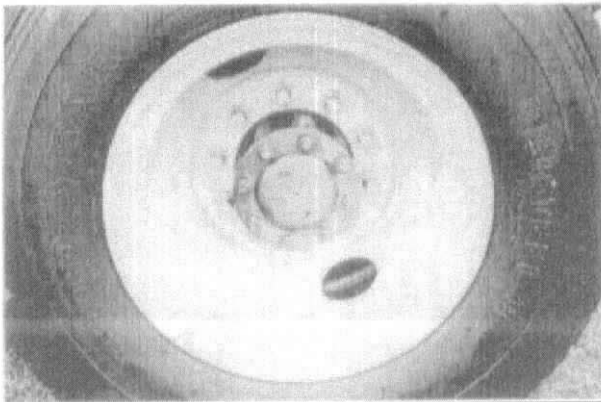
Front Axle Set	Rear Axle Set
2 Front Wheel Simulators	2 Rear Wheel Simulators
2 Front Hub Covers	2 Rear Hub Covers
2 Right Hand Stud Extenders	2 Right Hand Stud Extenders
2 Left Hand Stud Extenders	2 Left Hand Stud Extenders
2 Right Hand Jam Nuts	2 Right Hand Jam Nuts
2 Left Hand Jam Nuts	2 Left Hand Jam Nuts
4 Decorative Jam Nut Covers	4 Decorative Jam Nut Covers
2 Center Hub Logos	2 Center Hub Logos
1 Installation Tool	1 Installation Tool

NOTE: This system can be installed with the installation tool supplied.

This tool should be stowed with your vehicle tire tool.

No other tools are necessary.

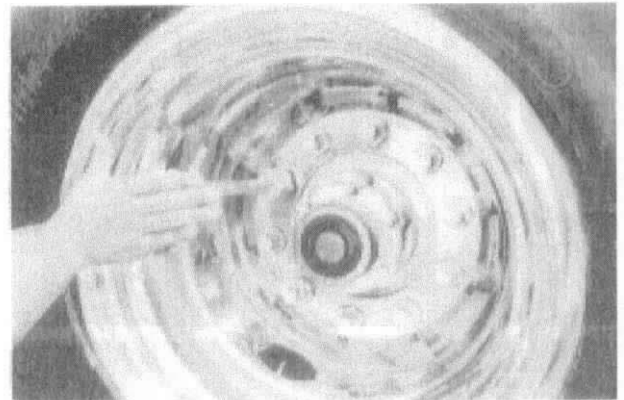
Do not use power tools for installation.



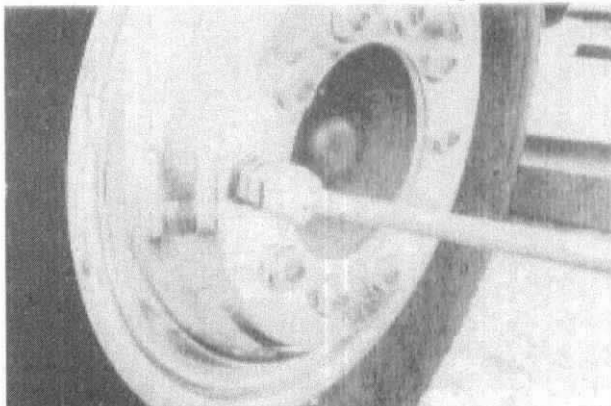
1a

Align hand holes in wheel with hand holes in wheel simulator and install.

NOTE: Inward pressure around lug nuts may be required to insure wheel simulator is completely seated against wheel. The Installation tool provided can be used for this procedure.

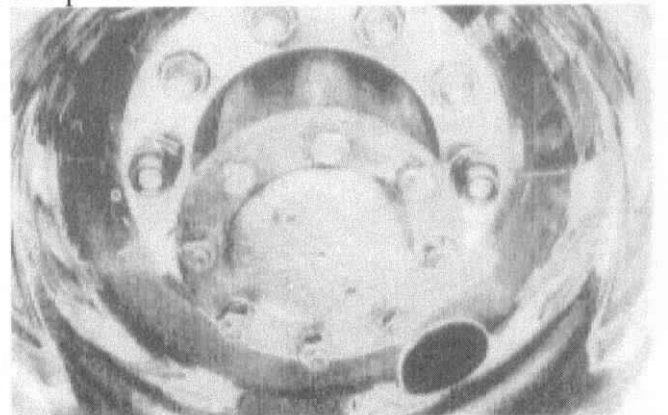


1b



2a

Identify the correct stud extender for either the right or left hand thread position and install on the exposed threads on opposing studs.



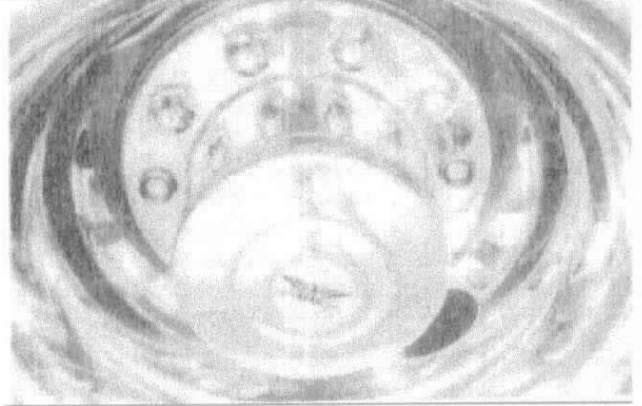
2b

**Versa-Liner® Installation Instructions (continued) for Part Number
V22506, V22508, V22528, V22510, V225-3/4, V22580, V22580-22**

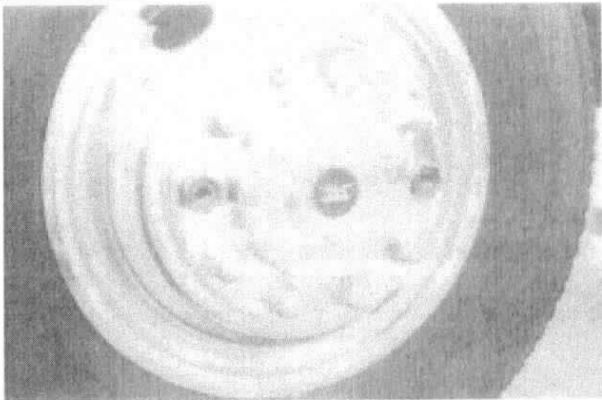


3a

Install center hub cover with the two stud extenders protruding through the holes in the hub cover.

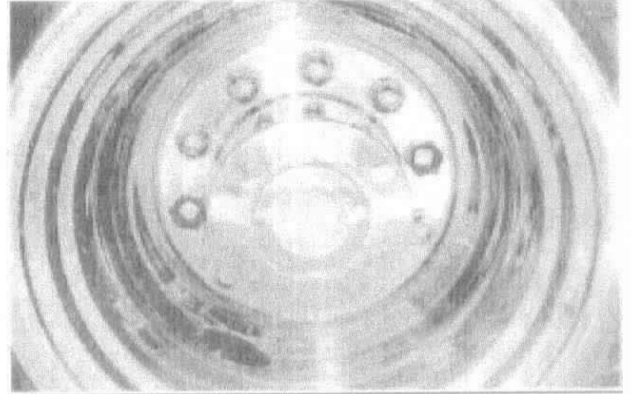


3b

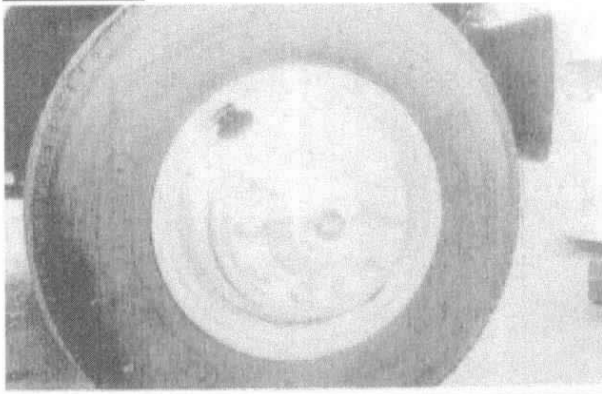


4a

Install the proper jam nuts onto the stud extenders and tighten with the installation tool provided in the axle set.

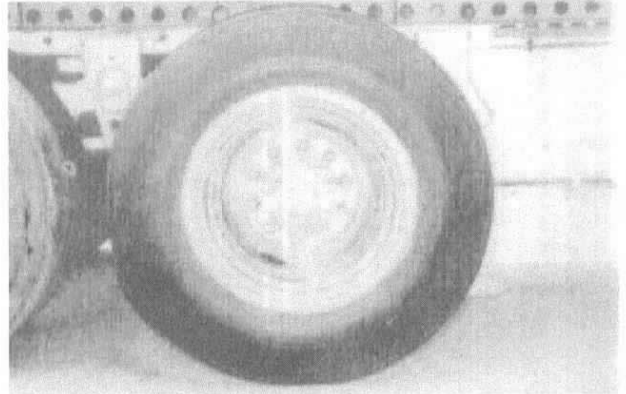


4b



5a

Install the decorative jam nut covers onto the jam nuts and peel and stick the center hub logo in place.



5b

Care and Maintenance

- Clean only with mild soap and water.
- Do not use harsh detergents, acids or abrasives.
- Periodically check jam nuts and stud extenders for tightness.

**Patent
Pending
MIHD1**

Versa-Liner® Installation Instructions

For Versa-Liner® Part Numbers V160F7, V19580, V19582, V195F9, V195F9M, V195F96, V195F96M, V170F5, V195F6M, V195F66M, V195W18, V22569, V22501, V22515 & V22587

IMPORTANT

Please Read and Save These Instructions. Do Not Loosen or Remove Lug Nuts

Note: Set the vehicle parking brake prior to wheel product installation.

The Versa-Liner® kit you received should contain the following items:

INCLUDES:

2-Front Versa-Liners	1-Installation Tool
2-Rear Versa Liners	4-Emblems
8-Lug Nut Covers w/ Enclosed Steel Jam Nuts	1-Instruction Sheet

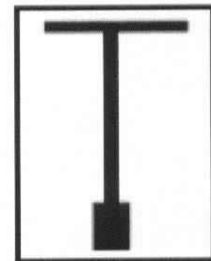
NOTE:

This system can be installed with the installation tool supplied.

This tool should be stowed with your vehicle tire tool.

No other tools are necessary.

Do not use power tools for installation.

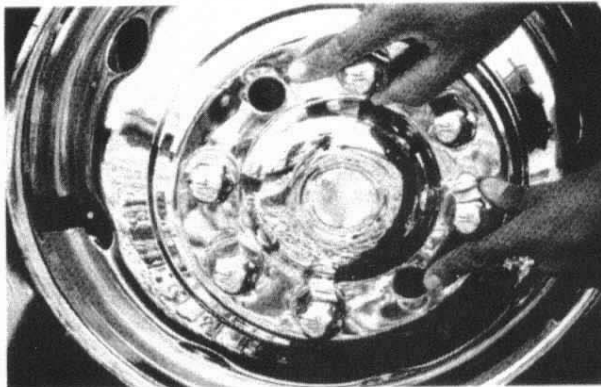


Front Wheel Versa-Liner® Instructions

Align the valve stem cut out in the front Versa-Liner® with the valve stem on the wheel.

Secure with two enclosed steel jam nuts. Securely tighten each jam nut with the installation tool provided

1



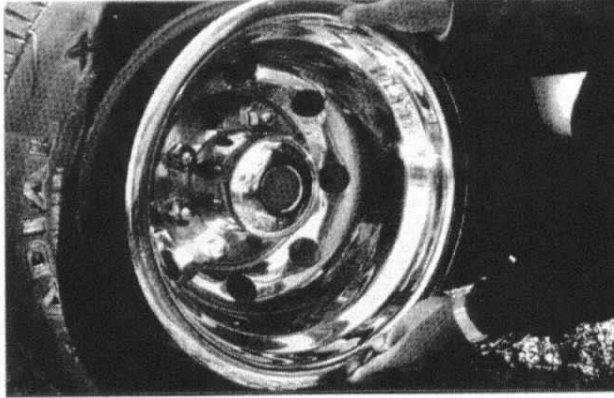
2



(over)

For Versa-Liner® Part Numbers V160F7, V19580, V19582, V195F9, V195F9M, V195F96, V195F96M, V170F5, V195F6M, V195F66M, V195W18, V22569, V22501, V22515 & V22587

3



Rear Wheel Versa-Liner® Instructions

Align the openings in the rear Versa-Liner® with the openings in the wheel.

4



Mount the rear Versa-Liner® using two lug-nut covers with enclosed steel jam nut and the installation tool provided.*

*Note: Check for tightness after the first 50 to 100 miles of operation. Recheck periodically.

Care and Maintenance

- Clean only with mild soap and water.
- Do not use harsh detergents, acids or abrasives.
- Periodically check jam nuts for tightness.

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