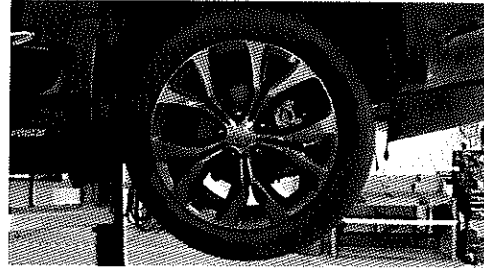


VMi TECHNICAL SERVICE BULLETIN (DOC #TS-WI-0421)

VMi Spindle Mount Bracket Replacement for Select Model year Pacifica Minivans

This Tech Service Bulletin is intended to provide instructions for replacing VMi spindle mount brackets on all affected 2017-2019 model year Chrysler Pacifica minivans that were NOT assembled with **stamped** spindle brackets. Please download the bulletin for instructions on how to remove the existing spindle mount bracket and replace with the upgraded parts.



Read the full notice from VMi Warranty Manager.

DOWNLOAD BULLETIN





VMI Technical Service Letter

For informational Purposes Only

To; VMI Dealers, Service Managers and Technicians

In our efforts to bring continuous improvement to all our vehicles, evaluation of all our parts and processes is performed constantly. Pacifica Rear Spindle Brackets were reviewed following our recall for this part. We were not satisfied with the current part although an outside engineering company confirmed with VMI that the bracket with the reinforcing rod on the edges should provide reliability to our customers.

VMI has re-designed the bracket using different manufacturing processes to FURTHER increase longevity.

VMI Now has the new brackets available for any of our customers that would like to upgrade their suspension with these new stamped brackets. They are being offered at no cost to the customer and VMI is willing to pay for the shipping and installation for these assemblies

Please contact us here at VMI Tech Support (800 488 9082) if you have any customers that would like to upgrade their suspension components to the new stamped bracket assemblies

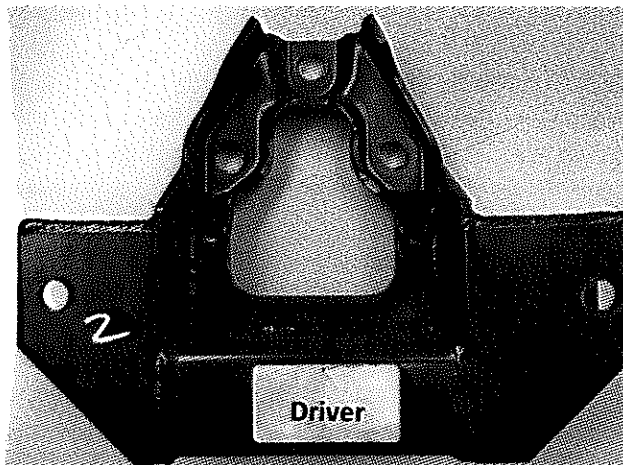
Best Regards,

Dave Hagstrom

Manager, VMI Tech Support and Warranty

davidh@vantagemobility.com

800 488 9082





Vantage Mobility International

Pacifica Spindle Mount Upgrade

Document Number: TS-WI-0421

ASSEMBLY AREA	In the Field
MODEL	2017-2019 Chrysler Pacifica

RELEASE SIGNATURES

TITLE	SIGNATURE	DATE
WARRANTY MANAGER	DAVID HAGSTROM	2/21/19
QUALITY MANAGER	JENNY GLENN	2/21/19
DESIGN ENGINEER	CHRIS SACK	2/21/19

REVISION HISTORY

AUTHOR	DESCRIPTION OF CHANGE	REV	RELEASED	ECO#
David Hagstrom	INITIAL RELEASE	A	2/21/19	



Vantage Mobility International Pacifica Spindle Mount Upgrade

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SAFETY REQUIREMENTS

Safety Glasses

Safety gloves

Bump cap

TOOLS NEEDED



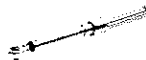
Vehicle Lift



Floor Jack



Trans. Jack



Torque Wrench
55-140 ft. lbs



Soft Blow hammer



Pry Bar



18, 19, 21mm Sockets & Wrench



Vantage Mobility International Pacifica Spindle Mount Upgrade

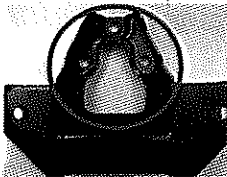
Document Number: TS-WI-0421

SCOPE

This document provides detailed instructions for replacing the VMI spindle mount brackets on all affected 2017-2019 model year Pacifica minivans that were NOT assembled with STAMPED spindle brackets. This Bulletin provides instructions to upgrade the vehicle with the latest revision parts. These instructions are the same for both passenger and driver side. Remove spindle mount brackets P/N's WA5247 and WA5249 or WA5322 and WA5323 and **replace with** WA5329 and WA5330.

Contents include: WA5329 Passenger side spindle mount, WA5330 Driver side spindle mount
4 M12x1.5 Nylock nuts

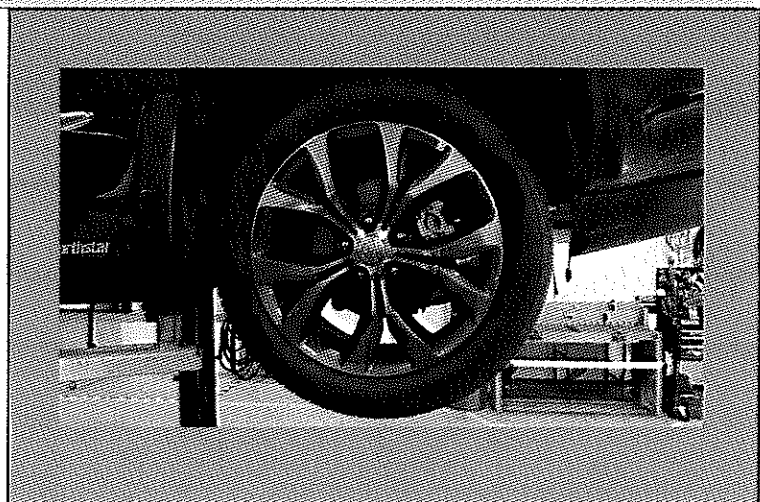
IMPORTANT: Prior to performing this bulletin, ensure the vehicle currently has brackets assembled by welding and does NOT have STAMPED brackets



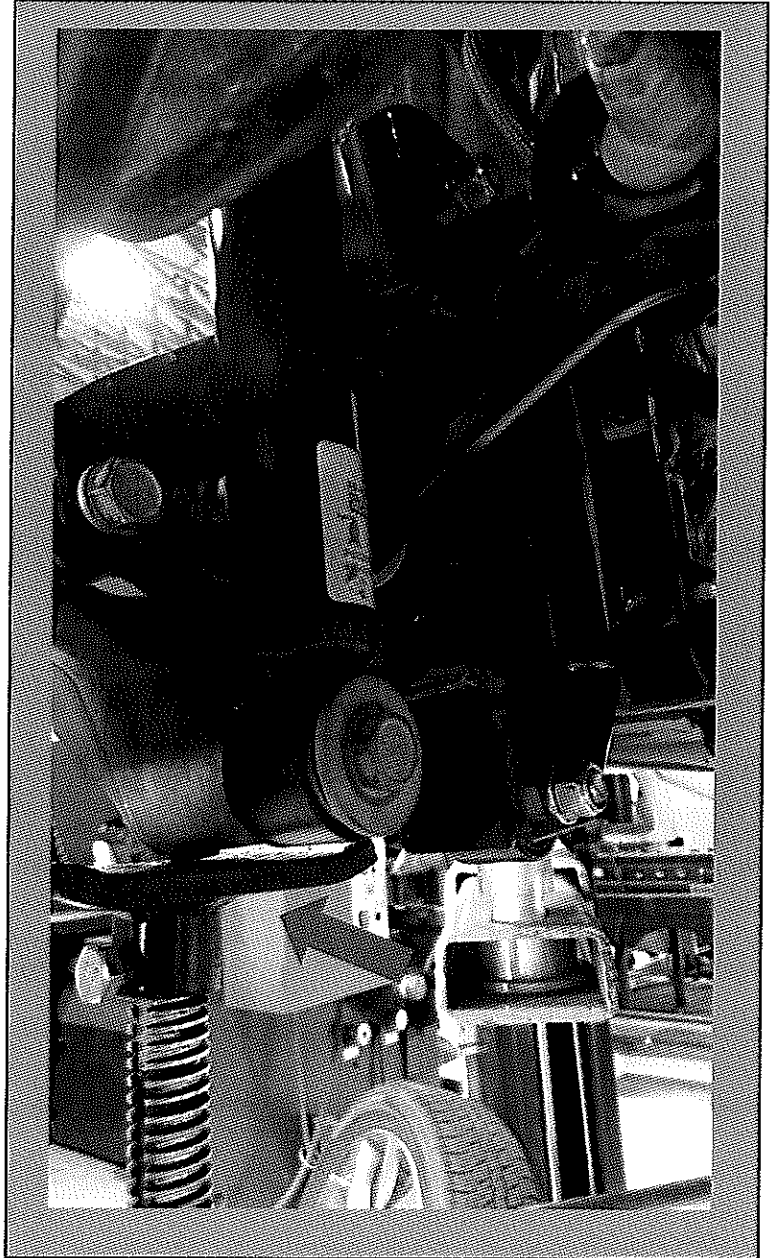
Example of a stamped bracket

CONTENTS

1. Place vehicle on lift and remove both rear tires using a 19mm socket.
2. Inspect Spindle Bracket. If the bracket is NOT a stamped bracket (having rolled inner and outer edges) continue with the replacement.



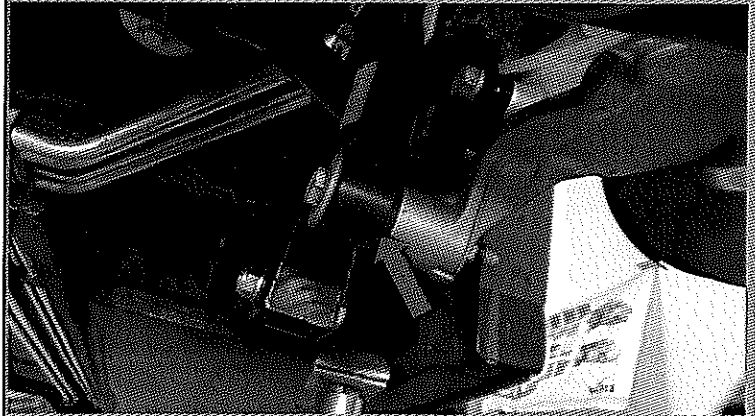
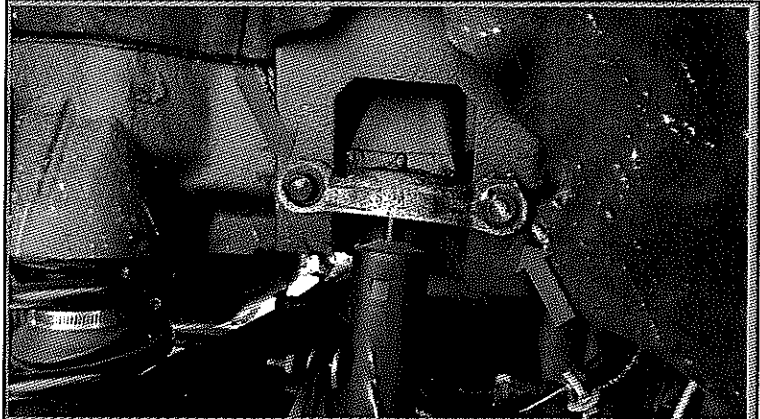
3. Put transmission jack underneath the shock mount and lift to release tension off of suspension components.



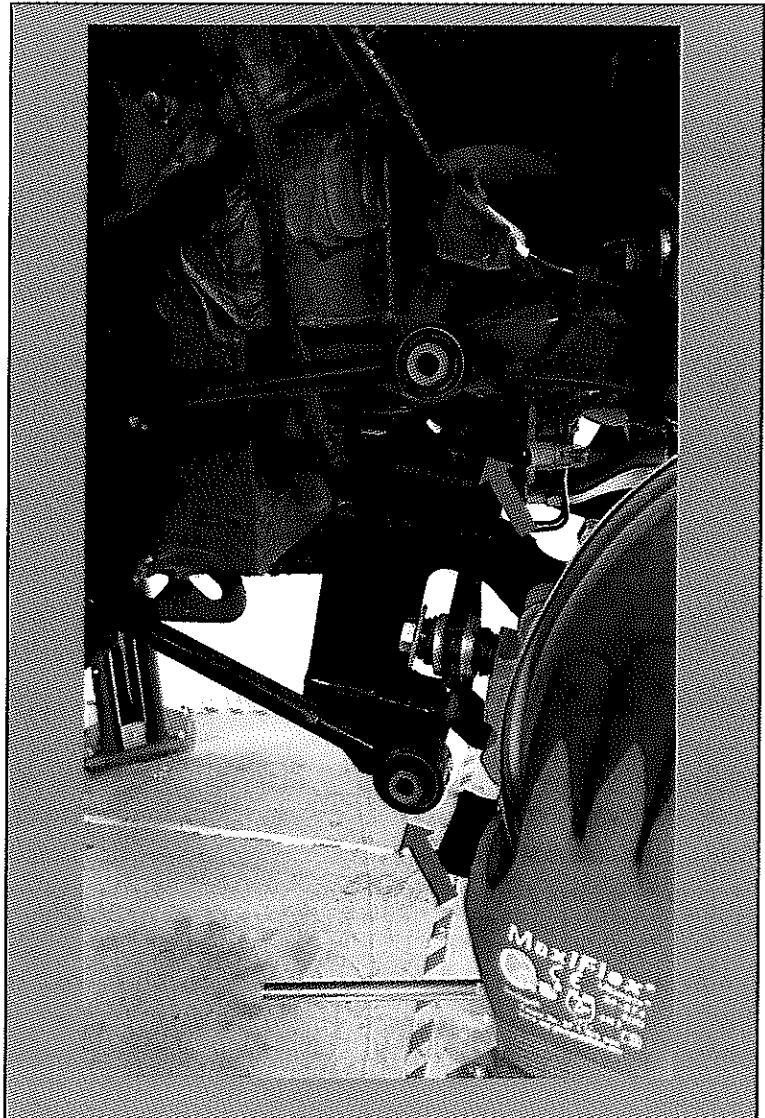
Vantage Mobility International Pacifica Spindle Mount Upgrade

Document Number: TS-WI-0421

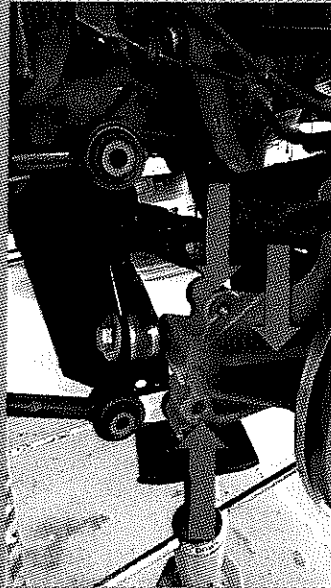
4. Remove two upper shock bolts with an 18mm socket.
5. Remove lower shock bolt with a 21mm socket and wrench. Remove shock from vehicle.



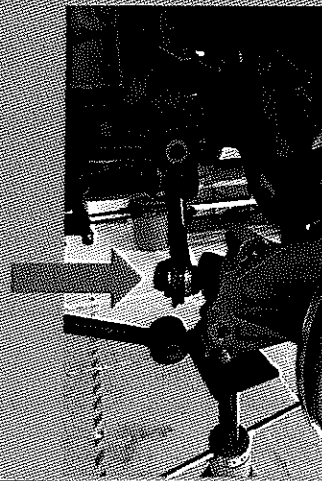
6. Remove two control arms from the spindle mount bracket (red arrows) using a 19mm socket and wrench. Use a pry bar if needed to get the arms out of the bracket. Transmission jack should still be under shock mount.



7. Remove three spindle mount bolts using a 21mm socket with an extension if needed.



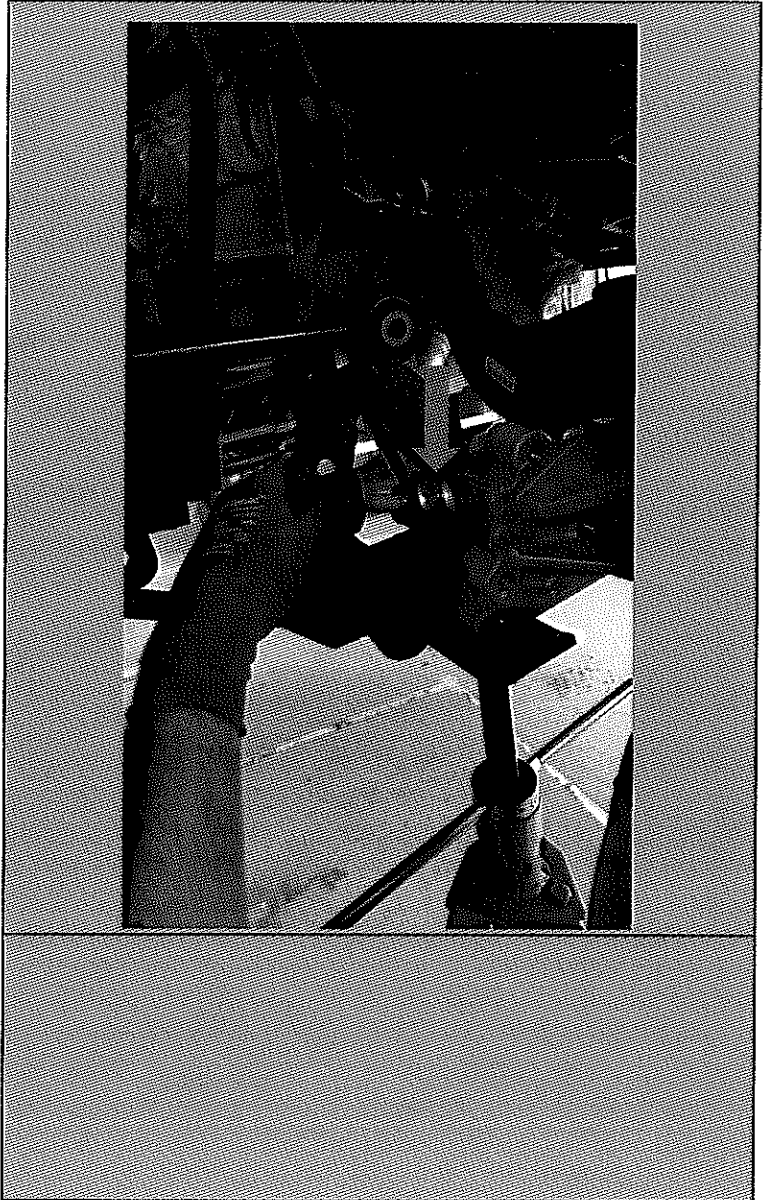
8. Remove toe-link bolt from the spindle using 21mm wrench.



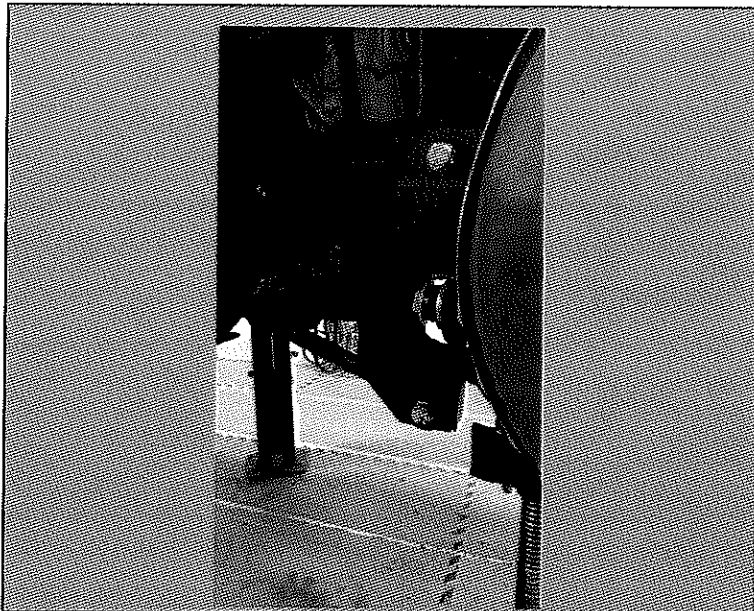
9. Remove spindle mount bracket from the spindle.
10. Position new spindle bracket ensuring label shows correct side and is facing up.
11. With the trans jack still under the shock mount, use it and the lift to line up the toe link and spindle so that they are parallel to each other. Hand tighten first to make sure bolt is going in straight. Torque to 81 ft-lbs.

IMPORTANT: These brackets are labeled. Ensure the brackets are being installed on the correct side of the axle

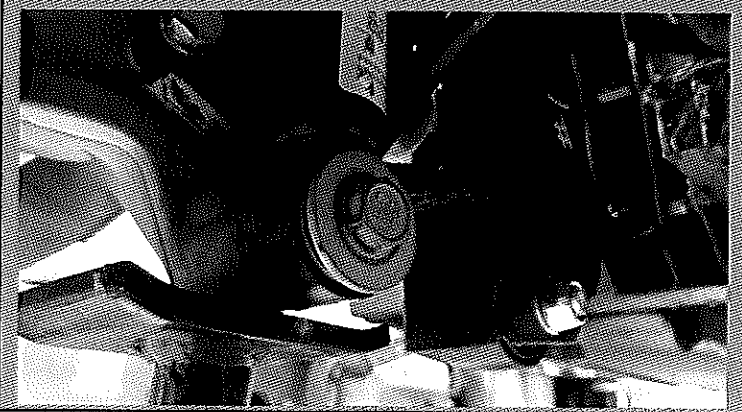
12. Install new spindle bracket using the existing three bolts, torque to 140 ft-lbs. Ensure toe link is going through the new spindle bracket before bolting down.



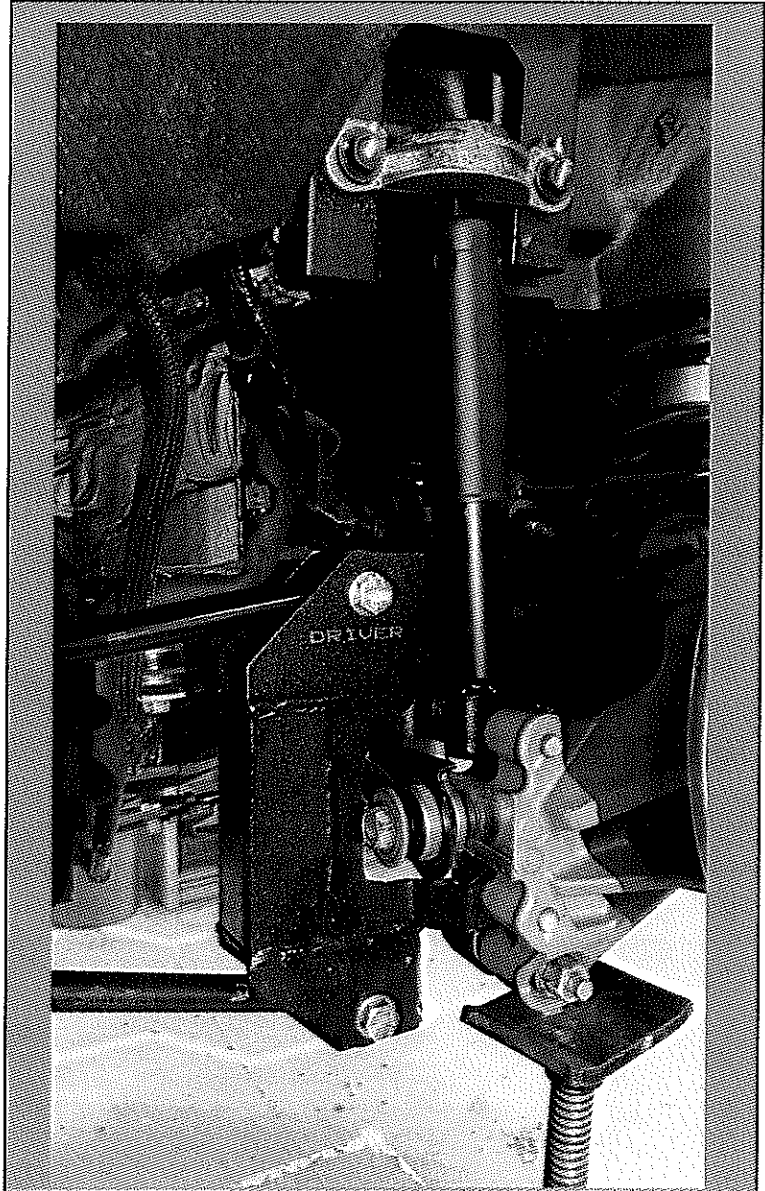
13. Lower vehicle with trans jack under shock mount to raise the suspension slightly. This will help in lining up the control arms back into the new spindle bracket. Use a pry bar if needed to line up the holes. Use included nylock nuts when installing the hardware for the control arms. Torque to 96 ft-lbs.



14. Install existing shock and hardware back into their original locations, torque down the lower bolt to 96 ft-lbs. **Do not install upper two bolts yet.**



15. Use the trans jack and lift to get the shock into position so that the upper bolts can be installed. Torque to 55 ft-lbs.
16. Install the tire with the existing lug nuts to 100 ft-lbs.
17. Align vehicle.





Vantage Mobility International Pacifica Spindle Mount Upgrade

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Last Edit Date: Monday, March 18, 2019