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Hello **dwvcfii** it appears that you have not posted on the Bimmerfest forums in several weeks, why not take a few moments to ask a question, help provide a solution or just engage in a conversation with another member in any one of our forums? We appreciate your help in making bimmerfest the best online BMW community!

Welcome, <u>dwvcfii</u>. You last visited: 01-25-2010 at 09:38 AM <u>Private Messages</u>: Unread 0, Total 3.

immerfest - BMW Forums > BMW Model Discussions > 3 Series > E46 (1999 - 2006)

BY: P/S lines replacement & complete FLUSH

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E46 (1999 - 2006)

The fourth generation 3 Series (E46 chassis) was introduced in 1999 and set the standard for engineering and performance during it's years of production including being named to Car & Driver's 10 best list every one of those years! ! -- <u>View the E46 Wiki</u>



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■ 11-23-2009, 02:27 PM



Join Date: Sep 2 Posts: 445 Mein auto: 2002 View My Garage

DIY: Power steering lines replacement & complete power steering FLUSH

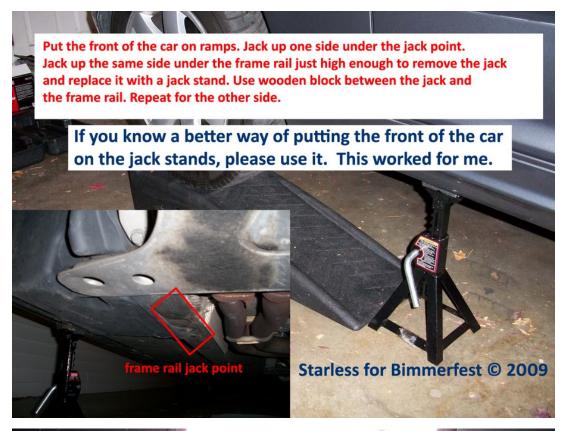
Hello, everybody. I was replacing my P/S lines yesterday and doing the complete system flush. I took pictures and made this picture guide. The reason for doing this was some lines were leaking at a couple of spots and the P/S pump started making louder noise than it used to. After everything is completed, I'm enjoying the non-leaking system and silently working pump.

I hope somebody finds this info helpful. All the text is in the pictures. Enjoy!

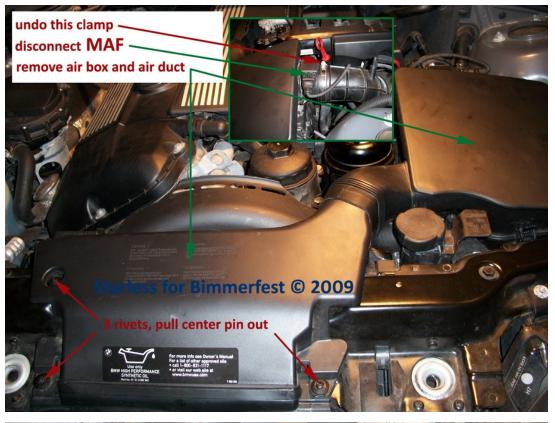
P.S You know how it works: I'm not responsible if you decide to do the same using my write up and something goes wrong. This is for your information only. I do not recomplications of you do not know what you are doing.

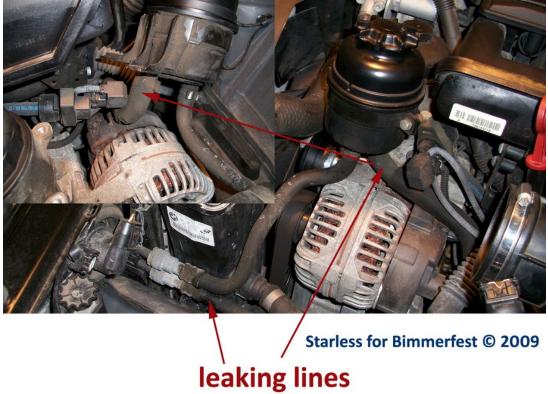


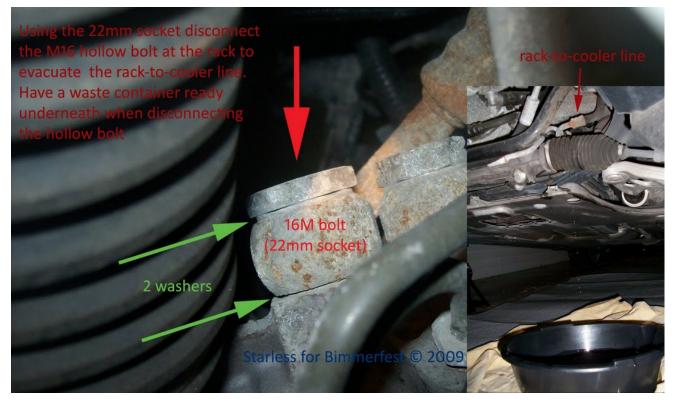


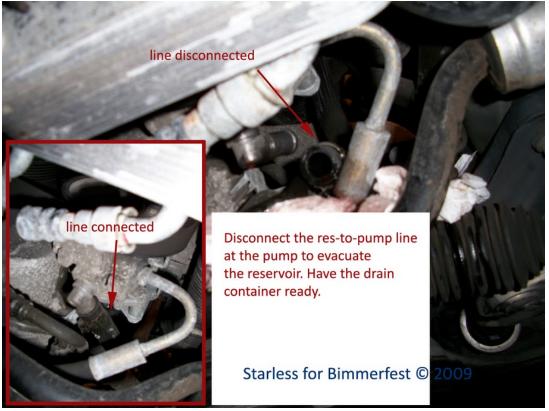










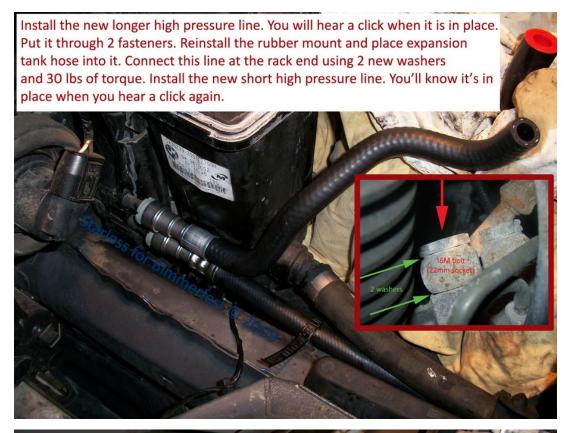


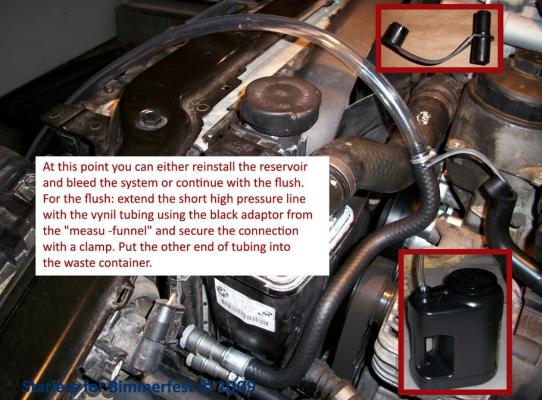


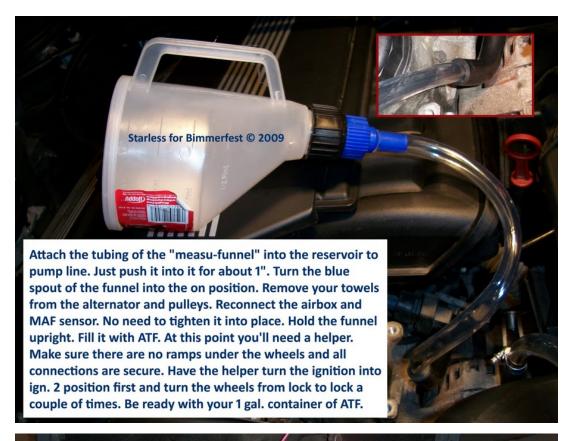


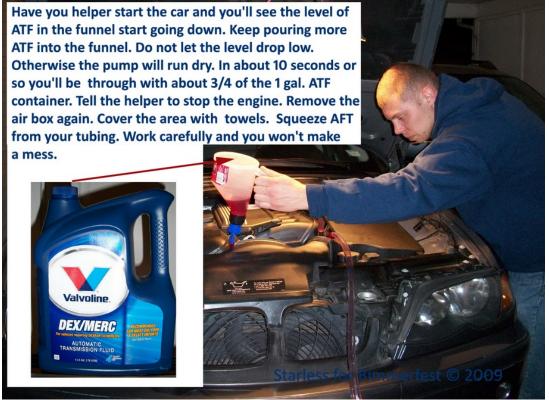






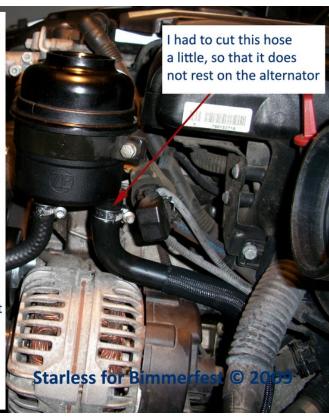


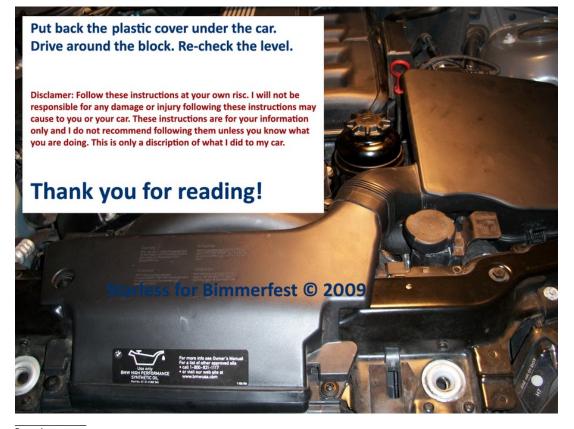




Install new PS reservoir. Tighten hoses with clamps (18-24 mm and 15-19mm). Install back the air box and the air intake duct. Connect MAF and tighten the clamp.

Fill the reservoir with ATF. Do not close the cap. Turn the key to ing. 2 position. Turn the wheels lock to lock 3 times. Check the level. Add ATF if needed. Start the car. Turn the wheels from lock to lock 3 times. Shut the engine. Check the level. Add ATF if needed. After the complete flush there will be very little air in the system. So bleeding is an easy process. Put the cap on. Make sure everything is installed correctly. Make sure there are no leaks at all connections. Check M16 bolt for signs of leak under the car.





Regards, Alex



*P/S Maintenance and F *Expansion *OII Separ

Last edited by Starless; 11-26-2009 at 10:42 PM.

Quote

#2 🗥

Join Date: Jun 2009 Posts: 15 Mein auto: 2005 e46 325 <u>View My Garage</u>





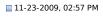






Join Date: Apr 2004 Posts: 903 Mein auto: 330i ZHP

View My Garage



<u>sjanders</u> 🔘 Registered User Location: Richmond, VA

Very nice write-up

■ 11-23-2009, 03:43 PM



MicahO
Daaawwwg will hunt!!
Location: Warwick, NY

Nice write-up - great flush method. I love seeing great DIY's for stuff I haven't had to do yet, but will someday.

--Micah O'C CCA 193374 '04 ZHP, Jet Black 6spd, hot seats, LightWerkz TFX-Xenon Strut/SwayBarbarians, PowerFlex CAB/TAB, Performance Gearing 3.38 LSD



Quote 2



#4 🗥

Join Date: Sep 2009 Posts: 445 Mein auto: 2002 325i Auto <u>View My Garage</u>

■ 11-23-2009, 04:18 PM



<u>Starless</u> 🔘 Location: STL, MO

Originally Posted by sjanders 🔊

Very nice write-up

Originally Posted by MicahO D

Nice write-up - great flush method. I love seeing great DIY's for stuff I haven't had to do yet, but will someday.

Thank you guys! People ask about the PS flush all the time. I figured it'd be a good thing to offer an alternative to the "turkey buster" method.

Regards,

Alex



■ 11-23-2009, 04:28 PM



Wow, this is one of the best DIY's I have seen. We should all take notes, THIS is how to do a DIY!



Are you following my BMW Blog? http://smolckbmw.blogspot.com/



u rock starless!!! excellent write-up, pics & editing i vote for wiki



PREMIUM COLD SPORT XENON BLUETOOTH PPOD

■ 11-23-2009, 10:43 PM

#5 🗥

Join Date: Jul 2007 Posts: 12,433 Mein auto: A friggin manual trans!! <u>View My Garage</u>

Quote

#6 /

Join Date: Oct 2009 Posts: 245 Mein auto: 2005 330Ci Convertible View My Garage



#7 🗥



Join Date: Sep 2009 Posts: 445 Mein auto: 2002 325i Auto <u>View My Garage</u>

Originally Posted by smolck 2

Wow, this is one of the best DIY's I have seen. We should all take notes, THIS is how to do a DIY!

Originally Posted by daydreamer69 2

u rock starless!!!

excellent write-up, pics & editing

i vote for wiki

Thank you, guys! Appreciate your comments. The write-up took like 2 times longer than the job itself 😃

Regards, Alex



P/S Maintenance and Flush DIY

Expansion Tank DIY

OII Separator DIY





Join Date: May 2007 Posts: 13,966 Blog Entries: 1 Mein auto: Silver bullet View My Garage

■ 11-23-2009, 11:15 PM

<u>Solidjake</u> 🔘 . Location: NYC

Excellent work 😁

Please add this to the wiki

Jake



Quote 2



#9 🗥

Join Date: Aug 2003 Posts: 3,356 Mein auto: E46 ZHP View My Garage

■ 11-23-2009, 11:32 PM



Excellent job Yes, this should be in the Wiki 🙂

