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[Sway Bar/ Active Stabilizer](#)

Hydraulic fluid Leak

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BALLS OF STE

7 Series - E65/E66 (2002 - 2008)

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01-31-2012, 07:13 PM

[#1](#)


pkathee

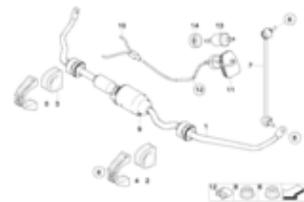
Officially Welcomed to the 'Fest
 Location: SALT LAKE CITY, UT

Join Date: Jan 2012
 Posts: 562
 Mein auto: 760 Li
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Sway Bar/ Active Stabilizer Hydraulic fluid Leak- PROBLEM SOLVED

Guys,

This is one of my two leaks. Last week I detected what appeared to be hydraulic leak underneath the car and I had the area brake-cleaned and now I just confirmed that the leak is indeed coming from the Active Stabilizer/Sway bar pump (black & white schematic Item #9). The other picture (color) shows leak is coming from the pump on the rubber cap in between the yellow and the black vent hoses. I called the dealership and they said that my option would be to purchase the whole stabilizer arm- Item #1 for \$1,500. Is there a way I can simply detach the vent hoses then remove the rubber cap and replace the seal or whatever it is that is leaking from the pump itself?





- 1) 760Li- Logic7, Rear entert', Rear Climate, Comfort Access, 20" DP Wheels.
- 2) Lexus LX470- Mark Levinson Video/Audio, 22" Diablo Elite Wheels.



Last edited by pkathee; 03-01-2012 at 10:23 PM. Reason: Solved



02-19-2012, 09:54 PM

bmw74me

Officially Welcomed to the 'Fest
Location: orange county

Did u get that's fixed

#2



Join Date: Dec 2008
Posts: 348
Mein auto: 750i
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02-19-2012, 11:11 PM



pkathee

Officially Welcomed to the 'Fest
Location: SALT LAKE CITY, UT

#3



Join Date: Jan 2012
Posts: 562
Mein auto: 760 Li
[View My Garage](#)

Quote:

Originally Posted by **bmw74me**
Did u get that's fixed

Well, I did an exhaustive and a thorough research on here but I couldn't find anyone who successfully fixed/ rebuilt this particular sway bar pump. I also contacted a couple of highly reputable BMW Indy shops and they told me that I have only these two options;

- 1) Accept the leak as is and live with it for as long as I can possibly endure.

2) Get the whole arm replaced (\$1500+ labor).

However, I refused to give up on this. I believe there HAS to be a way to fix this leak. Therefore, I recently (actually 2 days ago) modified the plastic cap on the pump that appeared to be leaking. I completed the job in about 30 minutes. Unfortunately, I haven't had a chance to drive the car yet because I am also currently working on replacing the dreaded alternator bracket oil seal and I will not be getting my parts until toward the end of the week. I will let you know once I put the car together and take it for a drive. I am keeping my fingers crossed though....Stay tuned.

1) 760Li- Logic7, Rear entert', Rear Climate, Comfort Access, 20" DP Wheels.

2) Lexus LX470- Mark Levinson Video/Audio, 22" Diablo Elite Wheels.



02-20-2012, 07:03 AM



02QTR28

Officially Welcomed to the 'Fest
Location: new jerZ

#4

Join Date: Oct 2010
Posts: 221
Mein auto: 2002 745i
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+1 on this I hope you find a fix! I agree has to be a fix!

However, I refused to give up on this. I believe there HAS to be a way to fix this leak. Therefore, I recently (actually 2 days ago) modified the plastic cap on the pump that appeared to be leaking. I completed the job in about 30 minutes. Unfortunately, I haven't had a chance to drive the car yet because I am also currently working on replacing the dreaded alternator bracket oil seal and I will not be getting my parts until toward the end of the week. I will let you know once I put the car together and take it for a drive. I am keeping my fingers crossed though....Stay tuned.



02-20-2012, 08:00 PM

bmw74me

Officially Welcomed to the 'Fest
Location: orange county

#5



Join Date: Dec 2008
Posts: 348
Mein auto: 750i
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Right on man... Try salvage yards they have them here in ca for cheap



03-01-2012, 10:19 PM



pkathee

Officially Welcomed to the 'Fest
Location: SALT LAKE CITY, UT

#6



Join Date: Jan 2012
Posts: 562
Mein auto: 760 Li
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Problem solved

Well, I'll tell you how I avoided a \$1500 (plus labor) whole arm Sway/ Stabilizer bar replacement with a \$7 (Seven dollars) fix.

Per my original post, I had the whole area cleaned really well in order to find exact leak origination point of which in my case was the rubber cap in between the yellow and the black vent hoses. Also, I found out that the Power Steering/ Hydraulic Fluid (Pentosin Fluid CHF11S) is a really thin fluid compound that will find any possible way to escape out of its closed system and this really explains why most of the hydraulic system fails due to fluid leak. To cut the long story short this is what I did;

A visit to home depot and bought All purpose polyurethane Gorilla adhesive glue (\$4) and Permatex Ultra black Maximum oil resistance silicone (\$3).

- 1) I gently tried opening up the rubber cap with a flat head screw driver. I was able to get just a fraction of it to open up but was afraid to crack/break it. So I got a blow dryer, heated up the area for a minute and the rubber cap slide off effortlessly.
- 2) Looking through the rubber cap, I could notice evidence of original glue failure. I sprayed the area with a break cleaner and carefully cleaned the old glue completely off. I cleaned the old glue off the

pump area as well.

4) I generously applied some gorilla glue into the rubber cap.

5) I applied some black Permatex silicone at the connection point where the sway bar and the pump meet.

6) Repositioned the rubber cap back in place.

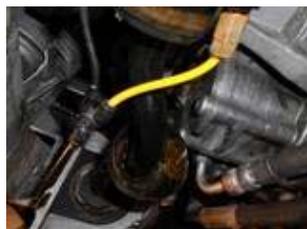
7) Since the freshly glued rubber cap seemed to move around with the slightest given force, I decided to use a couple of hose clamps (1/2 inch on the sway bar and 1 inch on the pump end) to keep the glued surface in place.

I never drove my car for over 5 days since I was working on my alternator housing gasket leak as well. Not very sure the cure time needed for this fix but mine worked flawlessly after the 5 days.

Also, I believe the area is pretty dry and firm by now and there is no need for the clamps anymore, but I'll leave them in place.

Before I had this 'cheap' fix done on my car, I could see the suspension fluid all over my pump within a 10 minute (~15 mile) drive. However, I have driven over 300 miles on my 7 already, and there is NO single drop of suspension fluid anywhere around the pump.

Here are the Picts;





- 1) 760Li- Logic7, Rear entert', Rear Climate, Comfort Access, 20" DP Wheels.
- 2) Lexus LX470- Mark Levinson Video/Audio, 22" Diablo Elite Wheels.



04-07-2012, 07:06 AM

#7

occhis

Officially Welcomed to the 'Fest
Location: Westford, PA

Join Date: Aug 2008
Posts: 445
Mein auto: 1998 528iA
[View My Garage](#)

Quote:

Originally Posted by **pkathee**

Well, I'll tell you how I avoided a \$1500 (plus labor) whole arm Sway/ Stabilizer bar replacement with a \$7 (Seven dollars) fix.

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Here are the Picts;



Nice work.

What year is your 7?

Either you are part of the solution, or you are part of the problem.



#8

Join Date: Mar 2008
Posts: 53
Mein auto: 745Li
[View My Garage](#)

04-16-2012, 04:25 PM

edwartj

Registered User
Location: atl

If I could find someone to listen to me and do this I would be oil-leak free!!! Nice work

2005 745Li



#9

Join Date: Jan 2012
Posts: 562
Mein auto: 760 Li
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04-16-2012, 04:44 PM



pkathee

Officially Welcomed to the 'Fest
Location: SALT LAKE CITY, UT

Quote:

Originally Posted by **edwartj**

If I could find someone to listen to me and do this I would be oil-leak free!!! Nice work



It is pretty easy actually.

And it is still holding up pretty good. Fvck the 'stealers' and their \$1500+ Labor replacement pump. I'll go that route once my cheap but effective fix fails....

- 1) 760Li- Logic7, Rear entert', Rear Climate, Comfort Access, 20" DP Wheels.
- 2) Lexus LX470- Mark Levinson Video/Audio, 22" Diablo Elite Wheels.



04-16-2012, 04:55 PM

#10 **pkathee** Officially Welcomed to the 'Fest
Location: SALT LAKE CITY, UTJoin Date: Jan 2012
Posts: 562
Mein auto: 760 Li
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Quote:

Originally Posted by **occhis** 
Nice work.
What year is your 7?

Its a 2005. But only had 46k miles when I got it a few months ago.

It had three leaks

- 1) Transmission Sealing Sleeve leak.
- 2) Alternator Housing Bracket gasket leak.
- 3) Sway Bar pump leak.

I performed the three necessary repairs, all by myself (check out the other individual threads) and I now have ZERO leaks. I hope I didnt jinx it. 

- 1) 760Li- Logic7, Rear entert', Rear Climate, Comfort Access, 20" DP Wheels.
- 2) Lexus LX470- Mark Levinson Video/Audio, 22" Diablo Elite Wheels.

Last edited by *pkathee*; 04-16-2012 at 05:00 PM.

05-14-2012, 12:21 PM

#11 **ghs235** Desi
Location: Folsom, CAJoin Date: Nov 2009
Posts: 65
Mein auto: 2007 550i SMG
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Great job on the fix!!

I had the same leak on my 2007 550i and the dealership fix it under the CPO warranty. No charge to me. But they did mention that it's a \$2300 fix.



05-14-2012, 02:12 PM

#12

apaul99

Registered User
Location: Ma

Join Date: Aug 2011
Posts: 21
Mein auto: 2003 745 li
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Good job, hope it works out for you. I did the seal on my 03 745li water cooled, it is a pain to get at. Take your time.



05-14-2012, 06:57 PM



*****CCCP*****

Major
Location: Canada Calgary

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Mein :
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My dealer wants a bit less then 2500 for it good job gotta post it in DIY.



05-27-2012, 10:32 PM

#14

bimmerfan52

Officially Welcomed to the 'Fest
Location: Arizona

Join Date: Feb 2012
Posts: 315
Mein auto: 545i
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I was impressed with your fix when I read it last month. Can you give an update? Has the leak stopped completely? Noticed you put clamps on each side of the boot. Has the boot torn from being twisted?

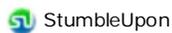




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Sway Bar/ Active Stabilizer Hydraulic fluid Leak

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