





### Stuff you'll need:

- ATF: 4 liters of VW G 055 025 A2, or you can get the Fuchs stuff which is equivalent and meets VW specs. It says Titan ATF 4400 on the front. This is one place that sells it: VW Automatic Transmission Fluid How To Change VW Transmission Fluid
- VAS 6262/2 tool. AST tools makes one. Buy it direct by calling them and paying with CC. It isn't cheap... \$30 or so. The tool number is 105 and you can see it here: AST Oil Funnels, Specialty Application and Automotive Tools by Assenmacher Tools for Audi, VW, Mercedes, BMW, Ford, GM, Subaru, Honda, Mini, Saab, Toyota, Lexus and More
- Filter and gasket kit. I bought mine from germanautoparts.com. In the part number search field, use 09G325429A, and order the second one that displays "Transmission Filter ALTERNATE". The brand is Meistersatz. I notice that ecstuning.com has them as well: Volkswagen Passat B6 FWD 2.0T > Drivetrain > Transmission > ES#263463 6 Speed Automatic Transmission Filter Kit 09G325429A.
- 5mm allen wrench
- 6 feet of 5/16" id hose. I got the clear vinyl stuff from Home Depot
- 10mm socket
- T25 Tool (for removing belly pan bolts)
- Transmission drain plug washer (from the dealer)

filter inside the oil pan like most VW transmissions.

- Oil drain pan
- Ross-Tech VCDS (for checking ATF level)

Jack the car or put it up on ramp stands or on a lift.

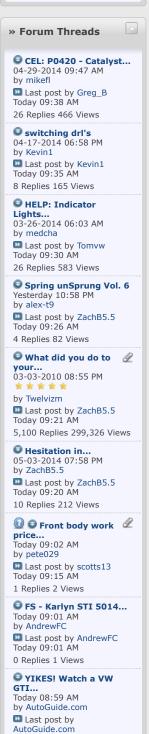
Remove the belly pan using the T25 tool.

Put the drain pan below the transmission drain plug and remove the drain plug using your 5mm allen. Once that is removed, some oil may drain. Wait for it to slow down a bit, then insert your 5mm allen into the hole, deeper, and unscrew the fill level tube. The remainder of the ATF will now drain.

Drain Plug and crush washer:







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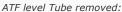
Today 07:45 AM
by redwood\_usa
Last post by Tomvw
Today 08:18 AM

CEL on - Car shudders...

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Once it has drained, remove the 8 bolts holding the transmission pan in place and remove the pan. Remove the gasket from the pan. Clean the pan well, removing the magnets and giving them a good cleaning, then put magnets back in place. Note that the oil pan has lines stamped where the magnets are supposed to be. Keep the inside of the pan spotless.

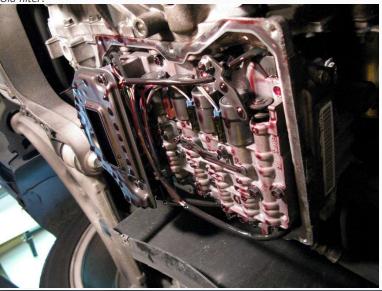
Cleaned oil pan with level tube re-installed and new gasket:





Remove the filter via three bolts. When you do, be prepared as more ATF will pour out of that area.  $\,$ 





New filter:





Wipe the transmission where the oil pan and filter mate to it.

Put some clean ATF on the new cork filter and install it. Tighten the filter bolts to 7 newton meters.

New filter installed:



Put the new gasket on the oil pan, including the metal spacers in the holes, and rub some clean ATF on it, then bolt it in place. Tighten the bolts in a diagonal pattern to 7 newton meters (I tightened these by hand and did not use a torque wrench because I've stripped out one of these bolts on another car of mine when torquing them to factory specs... part of it is that I believe the specs are "dry" and when you are doing this job, the threads will end up coated in ATF. When threads are wet, the torque number goes down, so just snug them up to what feels right but they don't need to be super tight... just be careful you don't strip them!)

Re-install the fill level tube into the pan.

To fill, you put one end of your 5/16" hose on the AST tool, and the other end

on the built-in spigot of the ATF bottles. The ATF bottles have a cool little spigot that comes out like a gas can. The problem is that it's a bit too big to get the 5/16" hose over it. What I did was soak the last inch or so of my hose in boiling water for 10 seconds to soften it, then dried it completely inside and out quickly, and then was able to slide it over the spigot. Once you do that, you can use that same cap+spigot for all the rest of the bottles. You could also warm the hose with a heat gun or hair dryer. If you use the water method like I did, make ABSOLUTELY CERTAIN that you remove ALL traces of water from the inside the hose!!!!!

Cap and spigot connected to hose:



Thread the AST (6262/2) tool into the oil pan where the bolt normally goes, then put the 5/16" hose on the bottom of it, then screw your ATF bottle into the spigot cap. Hold the bottle high and turn upside down and squeeze. You can also use a razor blade to poke a little hole in the bottom of the bottle (which is now at the top since you are holding it upside down) which allows air to replace the fluid that is draining out. Put 3.5 quarts into the transmission.

6262/2 Tool with hose connected:





Filling with fluid:



Now the tricky part.... pull the hose off the AST tool and quickly plug the tool with a rubber plug of some sort to keep the fluid from draining. Start the car and let it idle. Put it in gear with your foot on the brake and leave there for about 10 seconds, then put it back in park.

Now you need to level the car so that you can check the fluid level. You can't check the level if the car is on jack stands or jacked up. If your car is lowered, it might not have enough clearance to leave the 6262/2 tool in place so while the car is running, you'll have to remove it and put the drain plug in place quickly (while fluid runs out over your hands making everything a slippery impossible mess). If your car is not lowered, you'll have enough clearance but lower slowly, or if on jackstands, back the car off VERY slowly.

With the car still running and now level, it's time to check the ATF fluid level.

temp is 40 degrees (plus or minus about 5 degrees is ok). To check the fluid level, remove the drain plug bolt. If no fluid comes out, you need to add some. If fluid comes out, let it drain until it drips, then re-install drain plug and torque to 15 newton meters. Note that if the engine is NOT running, the fluid level will be much higher and will drain out with the bolt removed, causing you to have a low transmission fluid level.

Now re-install the belly pan and you're done. Your ATF and filter should be changed every 40k miles.

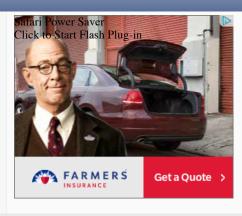
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VW Passat Forum



## □ 05-01-2011, 08:40 PM

rturiak o

1st Gear

Join Date: Feb 2011 Location: Columbia, SC

Age: 19 Posts: 466 #2

wow, beautiful guide! i dont own a b6, but im sure jay will treat this post accordingly. (to the info form!)

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## □ 05-02-2011, 01:37 PM

bofess o

Neutral

Join Date: May 2011 Location: georgia Posts: 14 M10X1 bolt and nut from Home Depot drilled w/ a 1/4 hole and an o-ring could work for vas6262-2 also

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## □ 05-02-2011, 01:39 PM

bofess o

Neutral

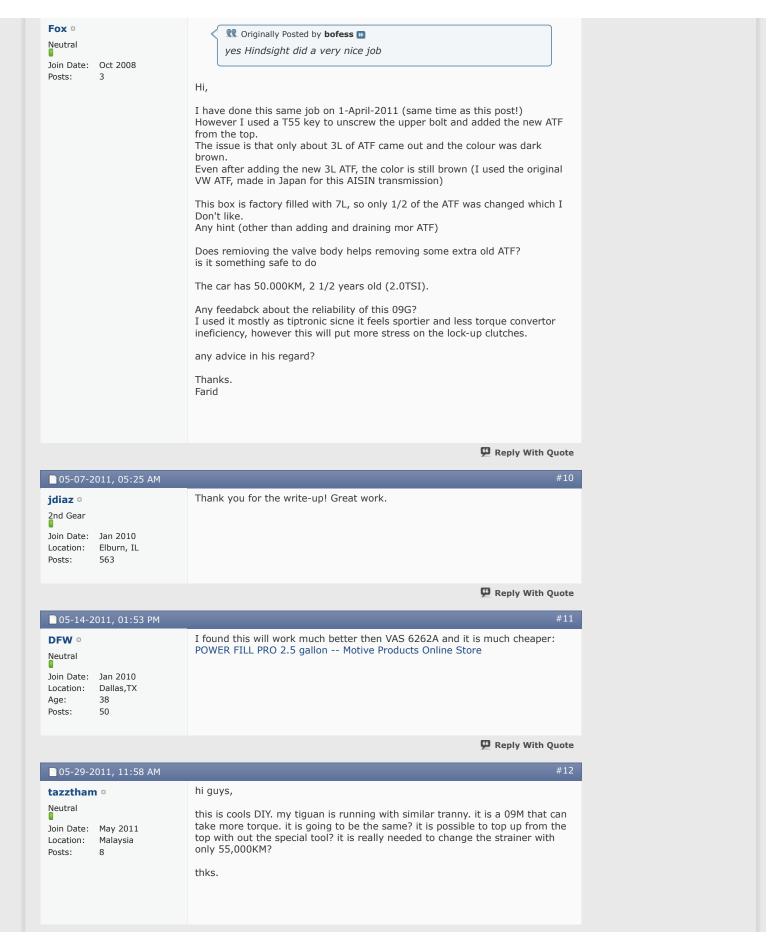
Join Date: May 2011 Location: georgia Posts: 14 I purchased a infrared temp. gun for \$39(Sears) to measure trans fluid temp instead of an OBD scan tool. Car should be level when checking the fluid and at the correct temp.

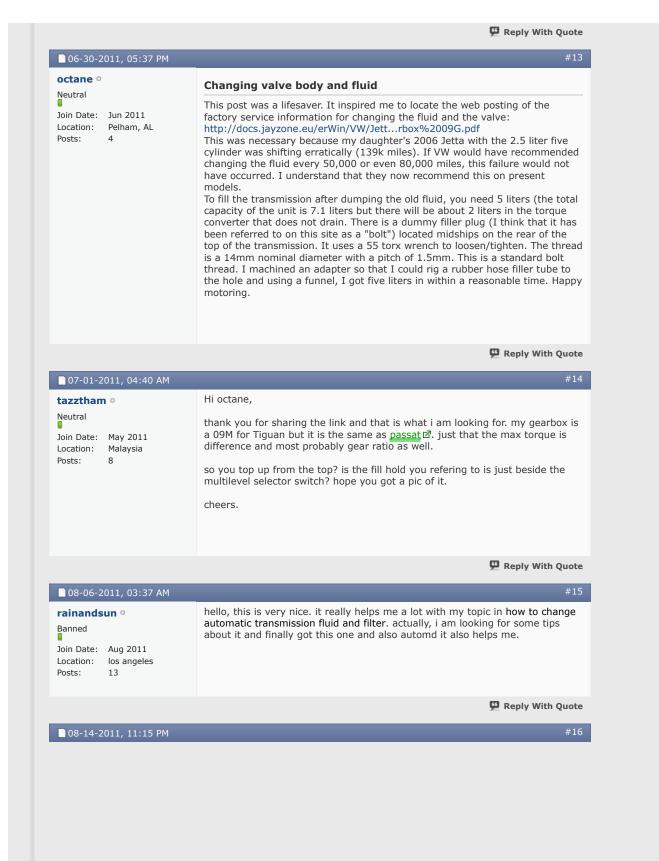
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□ 05-02-2011, 02:14 PM

#5







### tazztham o

Neutral

Join Date: May 2011 Location: Malaysia Posts: 8

hi guys,

yes, this is a very valuable post for guys like me (DIY). i managed to do it last month with all the prep work/tools. i used 5 liters (no filter change) as it was only 55K Km on it. so will change next round.

whole job is easy with the 4 poles lifter. pump in 5 liters and let it 'warm up' to 40C. actually, if the car was driven before the change, the oil temp will reach 40C very quickly during fill-up and almost immediately you could do the level check. i don't have the VAGCOM but use a 'Fever Strip' to measure the ATF 

during level check, it over flow 2 liters. so total changed was only 3liters



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## ■ 08-31-2011, 11:45 AM

ttay2002 o

Neutral

Join Date: Apr 2006 Location: Northern California

Posts: 63 I purchased VAS 6262/2 for \$22.51 plus shipping (\$10) from here VAS6262/2, ADAPTER for filling ATF Oil . Also, I have an extra Meistersatz kit for free if you are local and want to pick it up in San Ramon, CA. I bought the wrong since my tranny is a 09M on a 3.6L. I can shipping it for \$10 also.

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### ■ 04-22-2012, 06:30 PM

### ricardovsanto o

Neutral

Apr 2012 Join Date: Location: São Paulo - Brazil

4

Posts:

Hello everybody,

This month i drained the old fluid and removed the valvebody from my 09G, 2.5 L 2007 Jetta, got 4,7 liters out and it was dark brown like Pentosin ATF.

My car had problems when shifting from 2 to 3 and R, so I changed all solenoids bushings and now overall function is great.

I had to fill 5 quarts of Toyota ATF T-IV fluid thru the wiring harness 8 pin plug hole, unscrew it's bolt, pulled the plug out carefully just enough to insert a  $7\,$ mm diameter hose and filled the fluid.

Some people and manuals say that Aisin 09G fluid is "filled for life", but after i worked on the solenoids, i believe it's impossible to this gearbox survive for at least 5 years of work whithout any issue.

When i removed it's pan, the magnets were twice their size with very small and microscopic filings, like powder, and the solenoids bushings removed were severely compromised.

For sure it requires maintenance, at least pan removal, magnets cleaning and fluid change at every 50K miles. This would minimize issues with solenoid malfunction and other problems related to this gearbox family.

Thanks.

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#19

# □ 04-22-2012, 06:40 PM

ricardovsanto o Neutral

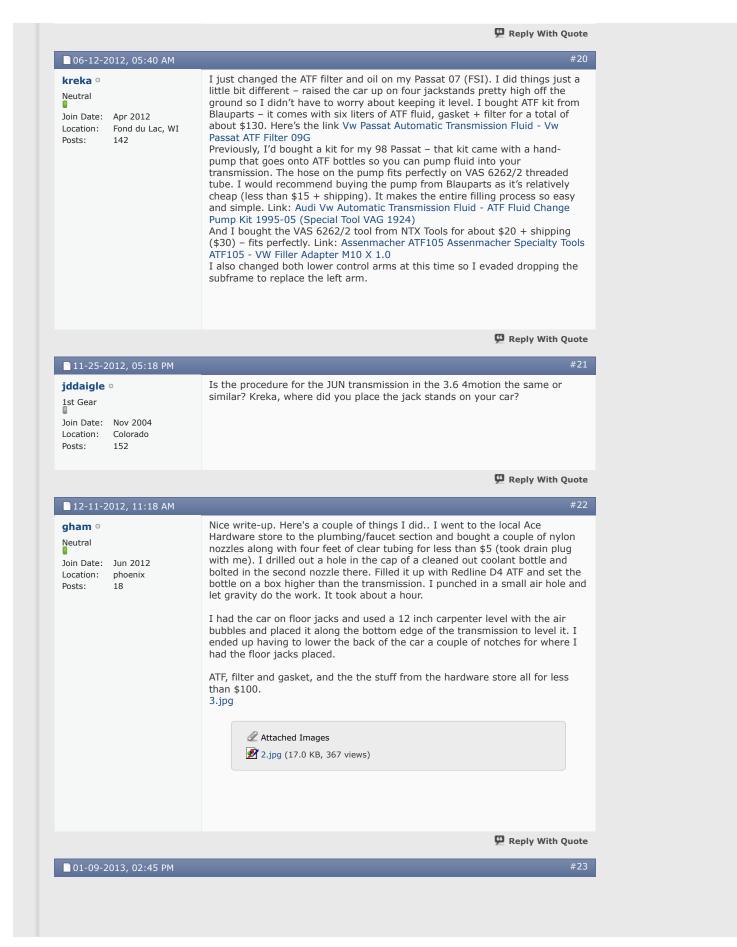
Join Date: Apr 2012

Location: São Paulo - Brazil Posts: 4

### Octane,

Is it possible to take a picture where that dummy filler you mentioned is located and post for us? is it easy to reach and less risky than remove the 8 pin wiring harness plug, as i did with my 09G gearbox?

Thanks.



### **BADANTH** o

Neutral

Join Date: May 2000 Location: Finger Lake Region

Posts: 74

How the trans fluid change holding up for you guys, any issues since you've change the fluid?

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## □ 01-11-2013, 03:33 PM

jddaigle o

1st Gear

Join Date: Nov 2004 Location: Colorado Posts: 152 I learned yesterday that the filter & gasket for the 09M transmission installed in 3.6L 4motion Wagons are a different from the filter & gasket in 3.6L 4motion sedans--they're a little bigger. The part number for the filter is 09M 325 429. The gasket is also different but I don't have a part number for that. No idea if the larger wagon filter can be used in the sedans.

I had the fluid and filter changed on my wagon with 66,800mi on it. I've only had the car for a couple of months so I don't know its full history but I called the dealers that showed up on its Carfax and I'm 99% sure that the fluid and filter were both original. Before the change I could hear some transmission whine on acceleration, and after the change it's gone. I'll be getting the fluid and filter changed every 40,000mi from now on.

Made my own filler using parts from Home Depot, pluming department and

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#26

### ■ 01-31-2013, 08:30 PM

### magarmuch o

Neutral

Join Date: Jan 2013 Location: Richmond Posts: 3 21.jpg20130127\_105025.jpg22.jpg

## ■04-11-2013, 06:10 PM

### kreka o

Neutral

Join Date: Apr 2012 Location: Fond du Lac, WI Posts: 142 jddaigle,

NAPA.

Let me first apologize for answering your question quite a bit late - had some other commitments. I have four 1.5 or 2 ton jackstands. I extended them all the same length and then I raised the front first and put them in. Then I did the same with the back.

If you look at the plastic trim under the front and back door, you'll find two arrows pointing down on the trim – one in the front and the other one in the back. That is where a scissor jack would be used to raise the car when you change a tire. Those are the places I placed all jackstands at.

I also protected the car with some rags I put on the jackstands, but some paint still came off. I think it would be a good idea to clean that area once you bring the car back down and apply some rust treatment (such as Permatex Rust Treatment) followed with a bit of rubberized spray to ward off any rust. I changed my ATF last summer, and I'll do this ASAP.

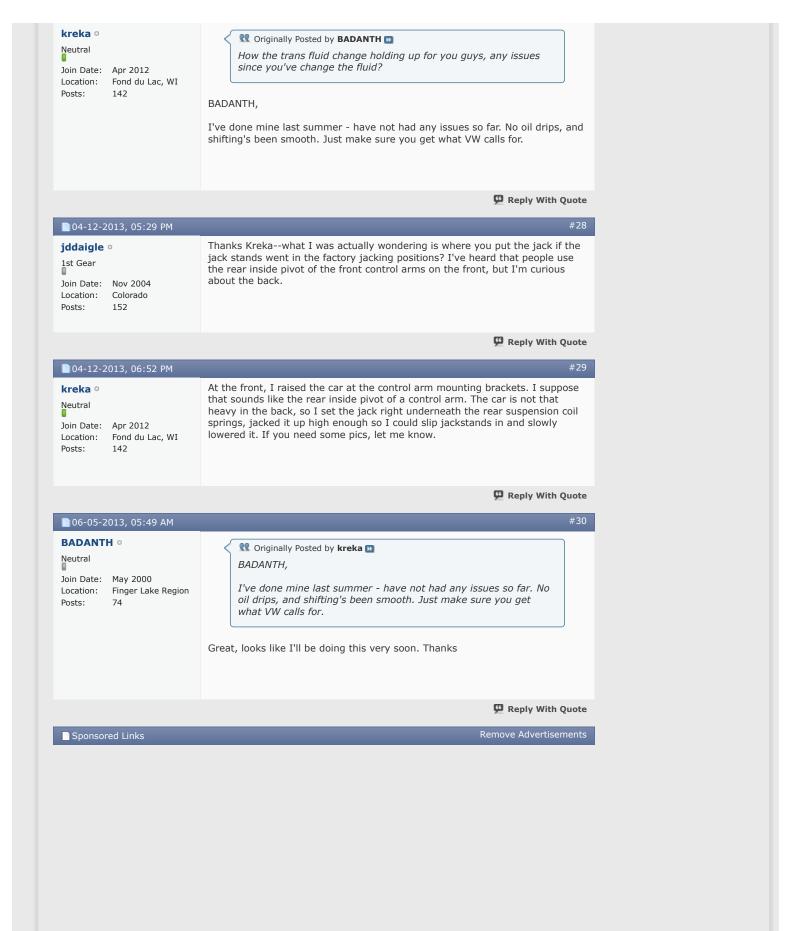
Better yet, I might splurge and buy POR15 starter kit and apply it in those

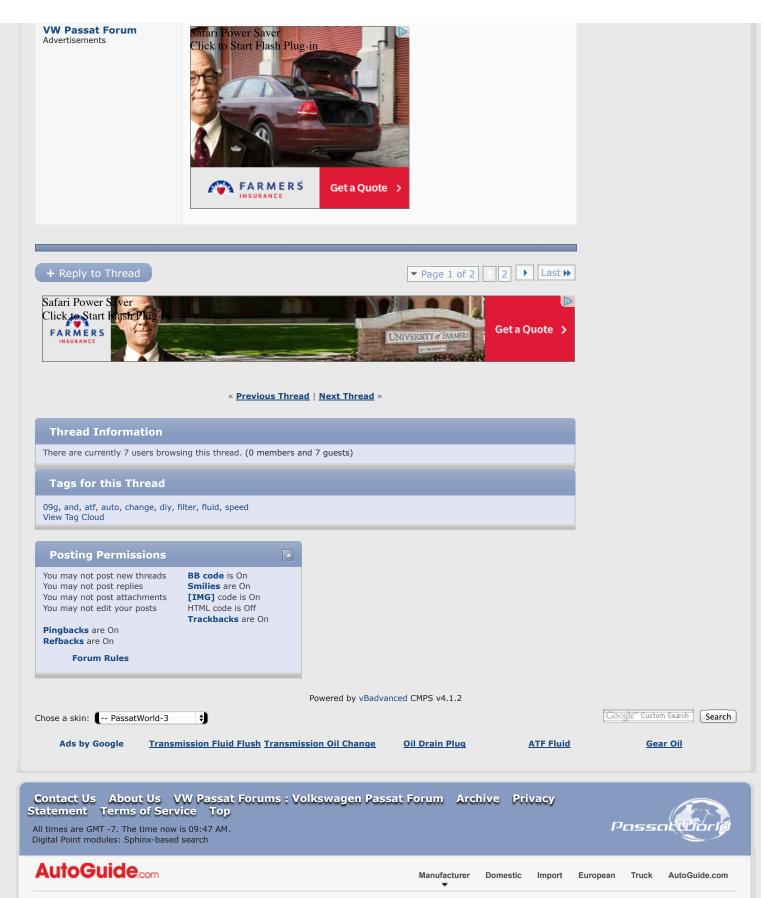
Better yet, I might splurge and buy POR15 starter kit and apply it in those areas.

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■ 04-11-2013, 06:15 PM

#27





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