

## Inspection camera pictures from inside the engine

Posted by Juliuswvs - 2018/07/10 17:32

---

Hi, got an inspection camera, so I took a few pics where I had access to. Do you see anything horribly wrong? Engine running great, except I had smoke coming out from the exhaust few days ago. Since then, I can not reproduce it, no matter what . Anyways, here are the pics, the engine has 80.000kms since rebuild.

These are Wiseco forged pistons with 80.000kms in them

<https://i.imgur.com/2Jz0kHo.png>  
<https://i.imgur.com/X98nSRo.png>  
<https://i.imgur.com/aNhLRFj.png>  
<https://i.imgur.com/G9gSdaW.png>  
<https://i.imgur.com/EjghiLB.png>  
<https://i.imgur.com/LxgblJg.png>  
<https://i.imgur.com/dmBiXHN.png>  
<https://i.imgur.com/RKdjSM9.png>

Turbo turbine wheel - 80.000kms since rebuild

<https://i.imgur.com/ZoyXmua.png>  
<https://i.imgur.com/cgh11IV.png>

Waste gate

<https://i.imgur.com/2Tg86fT.png>

El cheapo XS Power cat - 80.000kms in it

<https://i.imgur.com/U7vRRna.png>  
<https://i.imgur.com/R8pRP8X.png>

Bottom of intercooler - Never cleaned, has at least 200.000kms

<https://i.imgur.com/0WVmoWI.png>

Intake valve

<https://i.imgur.com/ViwnqkZ.png>  
<https://i.imgur.com/OIWsJ8h.png>

Compressor wheel - OEM catch can doesn't seem very effective, the hose to intake has oil in it. Do I need a catch can?

<https://i.imgur.com/ehpiz1hh.jpg>  
<https://i.imgur.com/jYLJuUI.jpg>

The little chip on the compressor is there for balancing. It's rougher than it was as the dust eaten it away.

Anyways, Tom Cooney is a legend, turbo is still holding up, no play, no worries

Thank you for your input!

Cheers

=====

## Re: Inspection camera pictures from inside the engine

Posted by spla300 - 2018/07/11 20:52

---

engine looks good. you can look into getting water injection if the carbon buildup on pistons bothers you it will pretty much steam clean your engine.

as for reproducing smoke try disconnecting the vacuum hoses on your cam cover and wait a couple of minutes.

=====

## Re: Inspection camera pictures from inside the engine

Posted by Juliuswws - 2018/07/12 10:46

---

Thanks for your reply! Carbon doesn't bother me too much, I think I just leave it for now. I don't think I'll ever install WI kit, but I might try this one time injection method when you spray water into the hot engine only for cleaning purposes. Or that's what you meant?

On my cam cover, I only have the breather pipe to the separator and the PCV valve.

Regards

=====