

3D MODEL ONLY



Automatic Gearbox oil dipstick for Renault VelSatis/ Espace IV/Laguna 2/Avantime and others with SU1 Gearbox(Aw5550SN for Renault)



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VIEW IN BROWSER

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Summary

This is a 3D model of oil dipstick found in Renault 5 Gear Automatic Gearboxes.

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Tags: [gearbox](#) [oil](#) [dipstick](#) [renault](#) [velsatis](#) [su1](#)
[laguna2](#) [espace4](#)

Since this dipstick is easily breakable(and mine broke) I modeled it!

Modeled using SolidWorks. Used photoshop for known dimensions and calculating rest.

Found some of the dimensions in a Russian forum: <http://www.club-espace.ru/forums/index.php?/topic/11219->

[%D0%B0%D0%BA%D0%BF%D0%BF-espace-4-%D1%89%D1%83%D0%BF/&do=findComment&comment=206960](#)

(many thanks to user cavari24)

Gearbox name: Aisin AW5550SN/AF33(SU1 for Renault)

WARNING! THIS IS NOT THE DIPSTICK FOUND ON VOLVO CARS OR SUCH!

I highly recommend printing the stick sideways with supports as its much harder to break.

Vertical model doesnt require any supports(Warning breaks easily!)

Print settings:

Layer height:0.2mm (could be 0.1 too but will be less durable)

Layer width:0.4mm (0.2 would be better but its harder to print)

Support: Yes(tree) for sideways model. None for vertical

Build plate adhesion type: None

Material: Petg/ABS/ASA(anything heat resistant) DO NOT PRINT WITH PLA OR YOU WONT BE ABLE TO TAKE MEASUREMENTS IN 75 DEGREES!

Infill:100%(recommended)

Walls:5

Top/bottom thickness: 1mm

I can model other dipsticks too if you send photos and dimensions of them!

Model files



gearboxoildipstickv2.stl

☐ Use this if you are going to print vertically.



gearboxoildipstickv2side.stl

☐ Use this if you want to print sideways(recommended) please rotate model before printing!

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