Printed Part Details

Part Name : Door Clip, Drivers Side (You can make the Passenger side clip by simply mirroring the part in your slicer software)

Application : Fits Rear Door, Lower Latch actuating rod of 2000-2007 Chevy or GMC Extended Cab pickup trucks.

Print Filament : Hatchbox ABS , 1.75mm dia

Printer : Prusa MK3S

Nozzle : 0.6. mm

Supports : Everywhere

Brim : Yes, Outside only

Infill Density : 50%

Infill Pattern : Gryoid

Layer Height : 0.15 mm

First Layer Height : 0.20 mm

Vertical Shell Perimeters : 3

Unless other wise noted above, Printer settings are the Default Prusa settings for a Generic PETG filament with a 0.6mm nozzle.

Filament used per piece : 1.2m

Filament cost : $0.08

Print time : 39 minutes

FILES included in ZIP file:

DoorClip_Driver.STL

DoorClip_Driver.3mf

DoorClip_Passenger.3mf

MK3S Screen Shot.png

Cross Section.png

Part Orientation on Build Plate:

It is recommended to print the part in the vertical orientation due to the hoop strength derived from laying down the filament in a continuous band around the actual clip portion of the part. When printed in other orientations, the clip portion is built up layer by layer and the clip strength is limited by the filament to filament bond. Theoretically, it probably shouldn't matter, but it does. Guess how I know.

Nealbert