



Wiper arm  
insertion  
position  
with 180 deg  
shaft rotation

60 deg

vert. grain  
basswood  
horizontal  
motion  
restraint

60 deg

+50/-50  
servo rotation

DS368

JR horn,  
drilled for  
holes at 5mm radius.  
Pins horizontal with  
servo centered.

Wiper rod:  
0.104" Stainless steel,  
soldered into hypo tube shaft

vert. grain basswood,  
potted between skins,  
tapped for screws

6-32 Nylon bolts,  
bottom holes only

skin cutout

endgrain  
basswood  
edging

-8 ail

6 deg

0

servo wire channel (sanded)

**Torque Yoke**

1/2" x 0.0625"  
dowel pins

3K CF tow

0.0625" dowel pin

10mm

Hypo tubing torque/bending shaft:

#8 (0.165" OD) outside

#10 (0.134" OD) inside

7mm

+65 brake

5mm

wiper arm plane  
tilted 35 deg

Metal hardware obtained from  
[www.smallparts.com](http://www.smallparts.com)

**Supra F3J/TD  
Flap RDS, Version 2**

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