

CFD FLOW SIMULATION

TOURING SCREEN

REF.20585

AERODYNAMIC TEST

H O N D A X - A D V
2 0 2 1 -

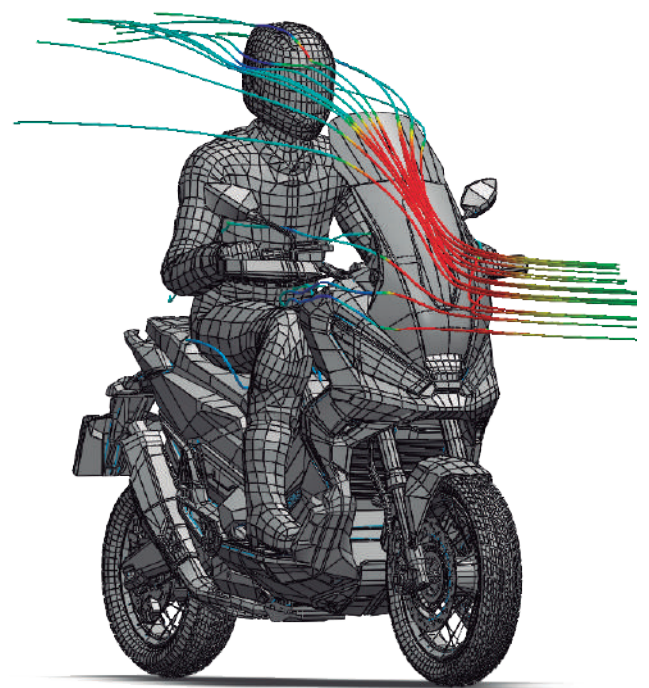
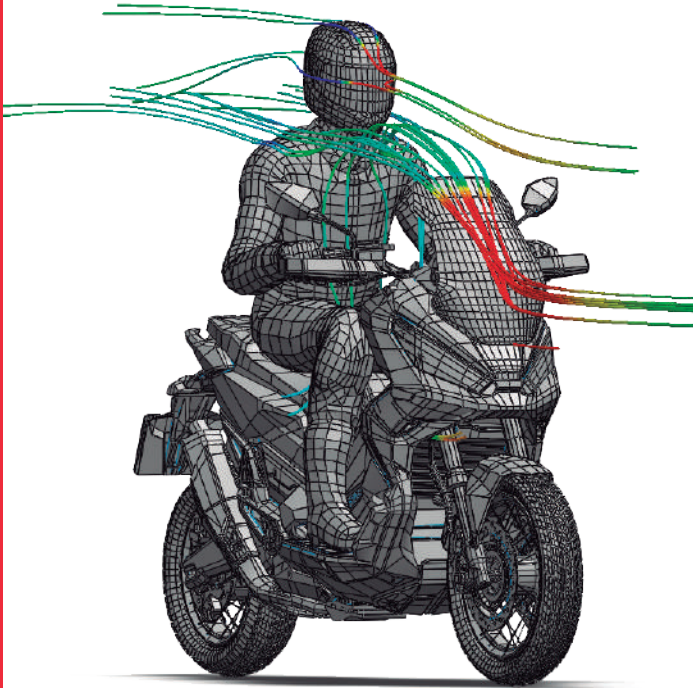


AIR FLOW & PREASSURE COMPARISON

Puig
 Hi-Tech Parts

ORIGINAL SCREEN

TOURING SCREEN



HELMET PROTECTION

20%

UPPER BODY PROTECTION

84%

LOW BODY PROTECTION

89%

HELMET PROTECTION

81%

UPPER BODY PROTECTION

100%

LOW BODY PROTECTION

100%

LOW PRESSURE

HIGH PRESSURE

TOTAL DISSIPATED PRESSURE WITH PUIG SCREEN IS EQUIVALENT TO **2 Kg**

INCREASE WIND PROTECTION

64% WITHOUT LOSING C_x

AERODYNAMIC TEST CONDITIONS

VSPEED	120 Km/h	94 mph
RIDER HEIGH	180 cm	5.9 ft
TEMPERATURE	20°	68°F
RIDER POSITION	Standard	
LATERAL WIND	No	

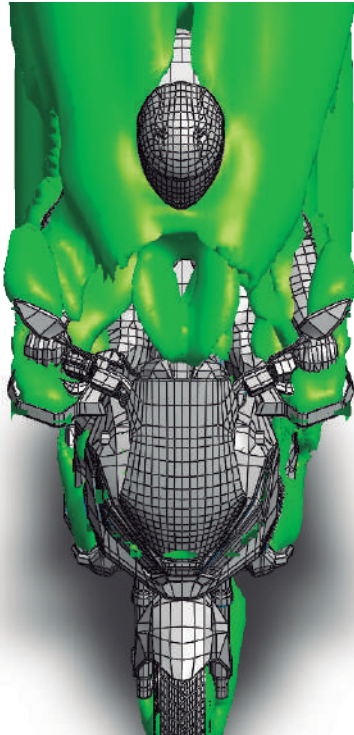
ACOUSTIC POWER LEVEL COMPARISON

55dB zone:

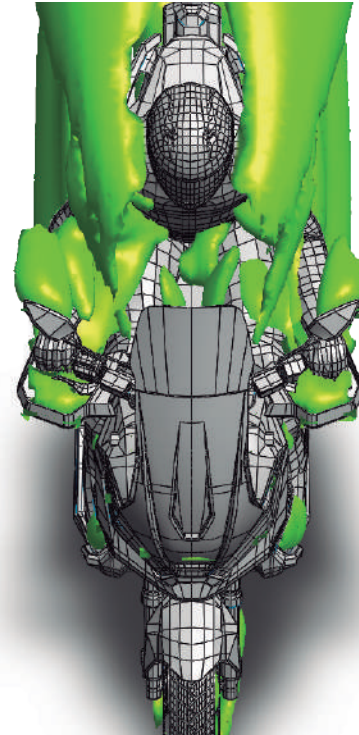
The green cloud that we can see in the following images defines the area affected by a sound level of 55dB. As we can see, when mounting the puig screen, we managed to remove all that annoying sound from the helmet area.

Puig
Hi-Tech Parts

ORIGINAL SCREEN

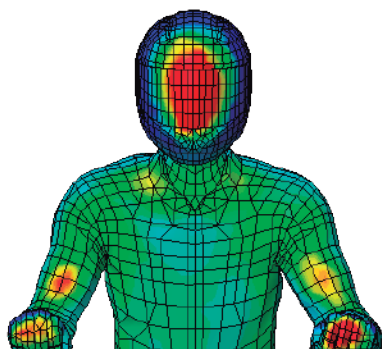


TOURING SCREEN



SCREEN POSITION COMPARISON

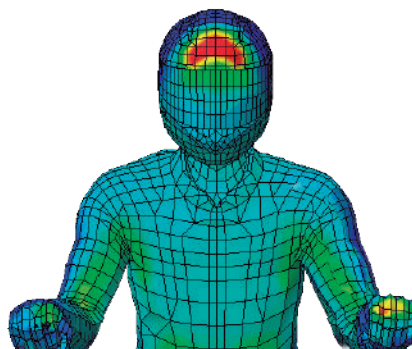
OEM LOW POSITION



HELMET PROTECTION

20%

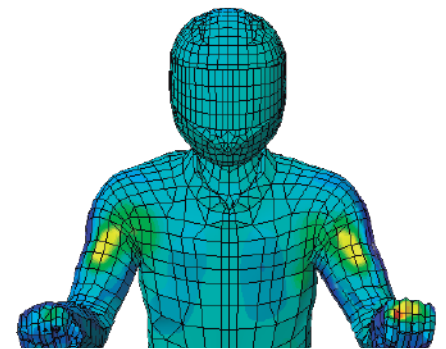
Puig Hi-Tech Parts LOW POSITION



HELMET PROTECTION

81%

Puig Hi-Tech Parts HIGH POSITION



HELMET PROTECTION

100%

LOW PRESSURE

HIGH PRESSURE