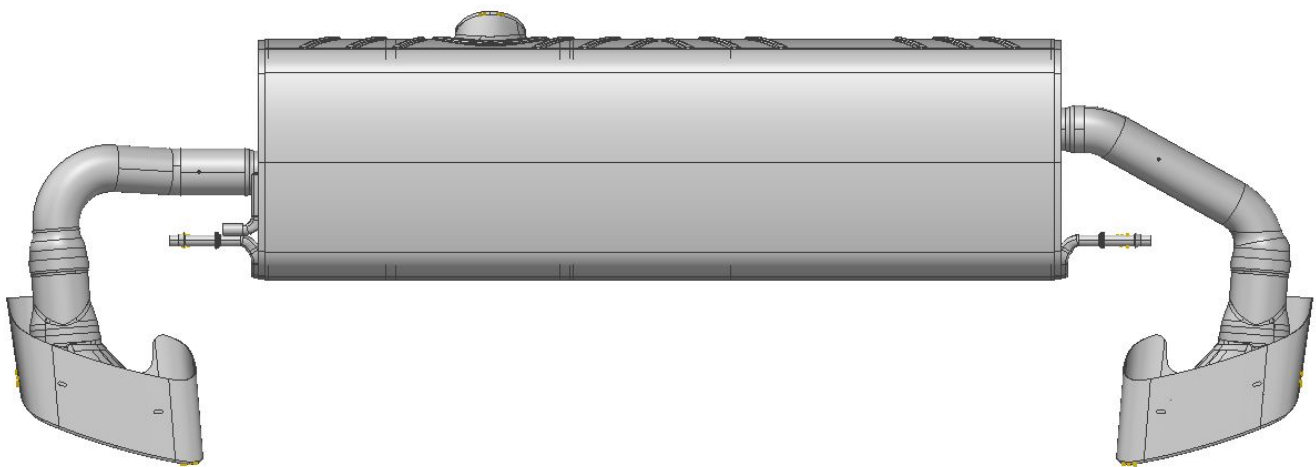


MEASUREMENT REPORT

Objeto :

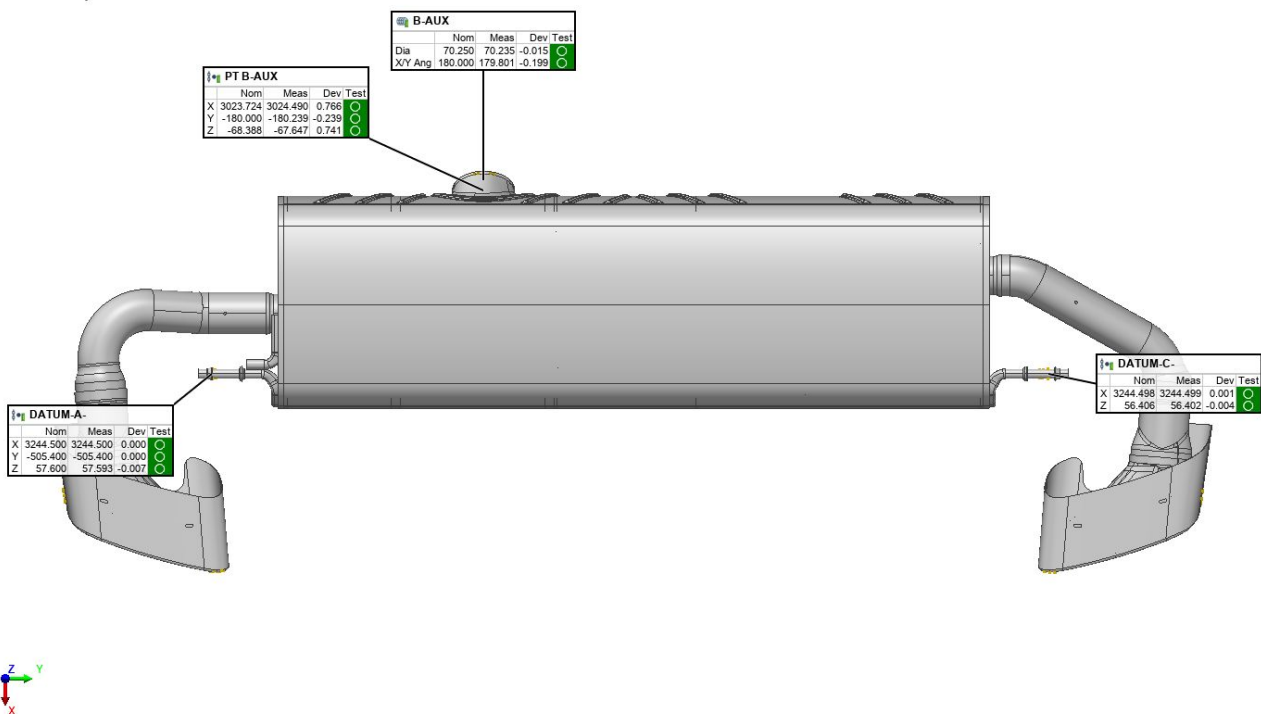


Customer: FORVIA SJC
 Operator: Felipe Martinez
 E-mail: felipe.martinez@mess.com.mx
 Workspace: PROGRAMA_AUDI V6TFSI_068
 Project: R4 TFSI_68_OP20_SINGLE

Part name: R4 TFSI
 Part number: OP20
 Drawing : S/R
 Device: MESS-BRAA-003



NONE
best-fit meas objects 1



Feature Table

Length Units Millimeters

• DATUM-A-

Control	Nom	Meas	Tol	Dev	Test
X	3244.500	3244.500	±0.200	0.000	Pass
Y	-505.400	-505.400	±0.200	0.000	Pass
Z	57.600	57.593	±0.200	-0.007	Pass

• DATUM-C-

Control	Nom	Meas	Tol	Dev	Test
X	3244.498	3244.499	±0.200	0.001	Pass
Z	56.406	56.402	±0.200	-0.004	Pass

• B-AUX

Control	Nom	Meas	Tol	Dev	Test
Diameter	70.250	70.235	±1.000	-0.015	Pass
X/Y Angle	180.000	179.801	±1.000	-0.199	Pass

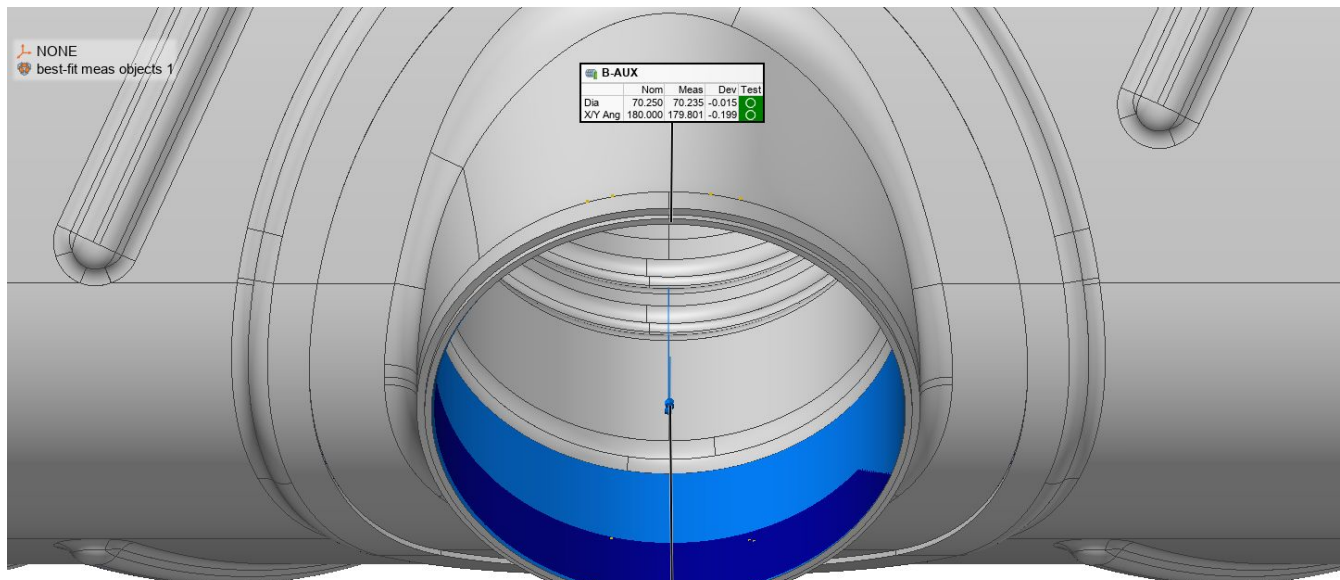
Customer: FORVIA SJC
Operator: Felipe Martinez
E-mail: felipe.martinez@mess.com.mx

Part name: R4 TFSI
Part number: OP20
Piece: piece 3



● PT B-AUX

Control	Nom	Meas	Tol	Dev	Test
X	3023.724	3024.490	±1.000	0.766	Pass
Y	-180.000	-180.239	±1.000	-0.239	Pass
Z	-68.388	-67.647	±1.000	0.741	Pass



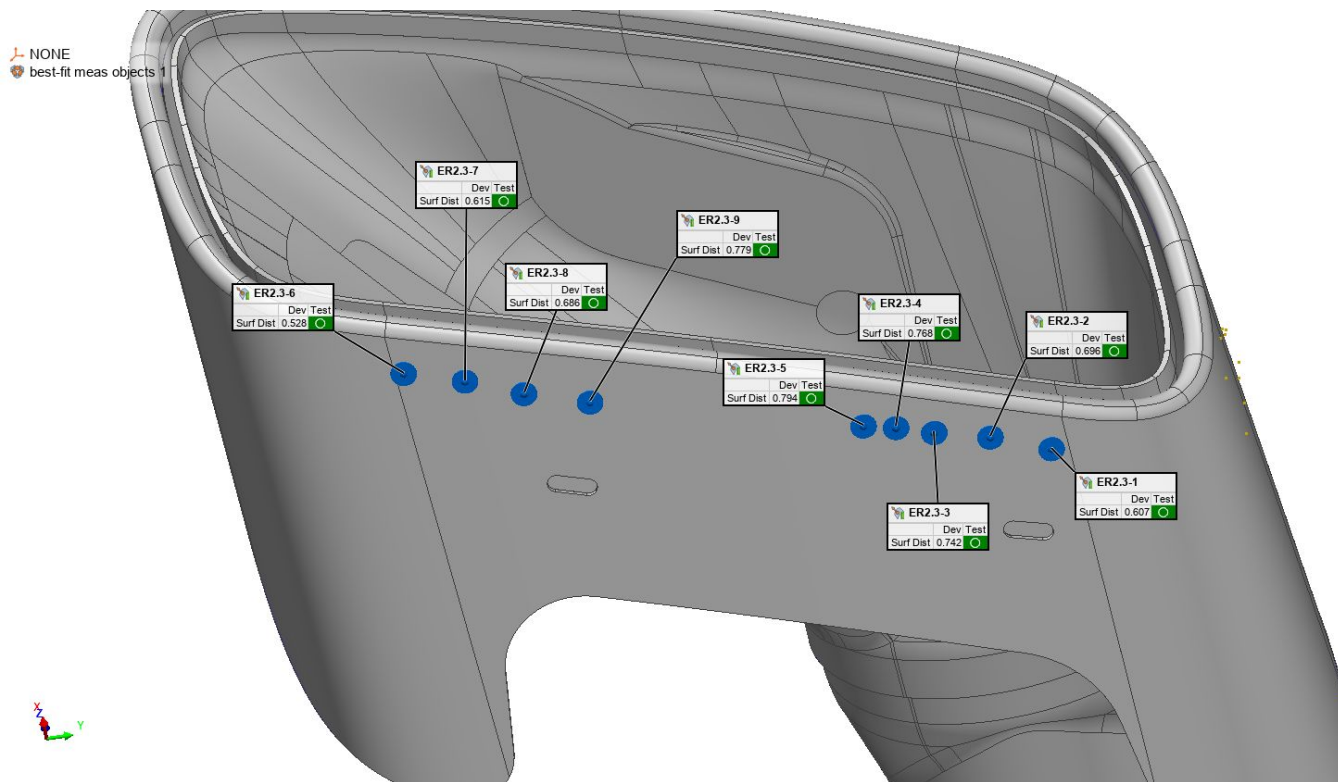
PT B-AUX				
	Nom	Meas	Dev	Test
X	3023.724	3024.490	0.766	○
Y	-180.000	-180.239	-0.239	○
Z	-68.388	-67.647	0.741	○



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Piece: piece 3





Comparison Point Table

Units Millimeters

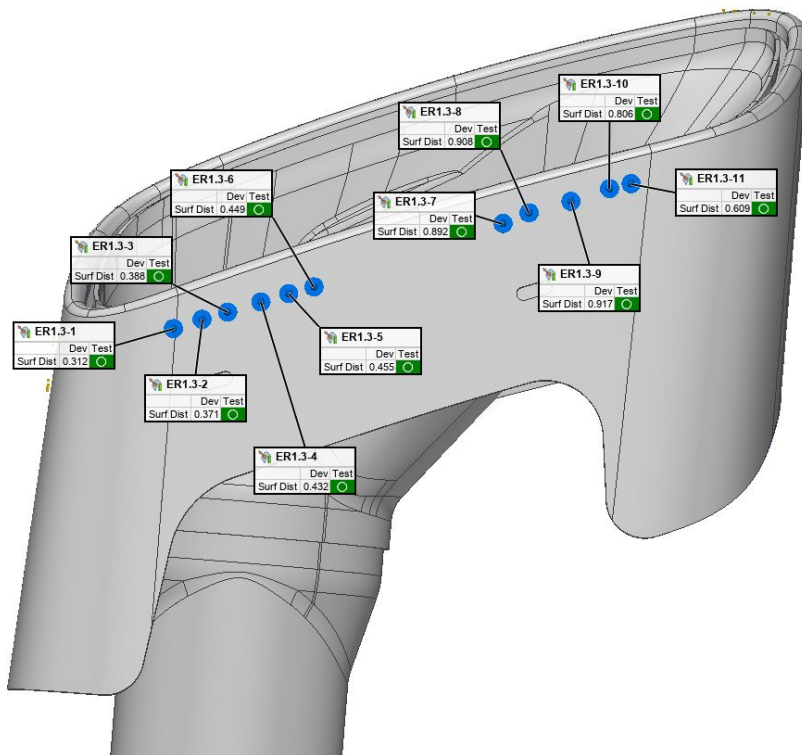
Name	Control	Nom	Meas	Tol	Dev	Test
ER2.3-1	Surface Distance		0.607	±2.000	0.607	Pass
ER2.3-2	Surface Distance		0.696	±2.000	0.696	Pass
ER2.3-3	Surface Distance		0.742	±2.000	0.742	Pass
ER2.3-4	Surface Distance		0.768	±2.000	0.768	Pass
ER2.3-5	Surface Distance		0.794	±2.000	0.794	Pass
ER2.3-6	Surface Distance		0.528	±2.000	0.528	Pass
ER2.3-7	Surface Distance		0.615	±2.000	0.615	Pass
ER2.3-8	Surface Distance		0.686	±2.000	0.686	Pass
ER2.3-9	Surface Distance		0.779	±2.000	0.779	Pass

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Part name: R4 TFSI
Part number: OP20
Piece: piece 3



NONE
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Comparison Point Table

Units Millimeters

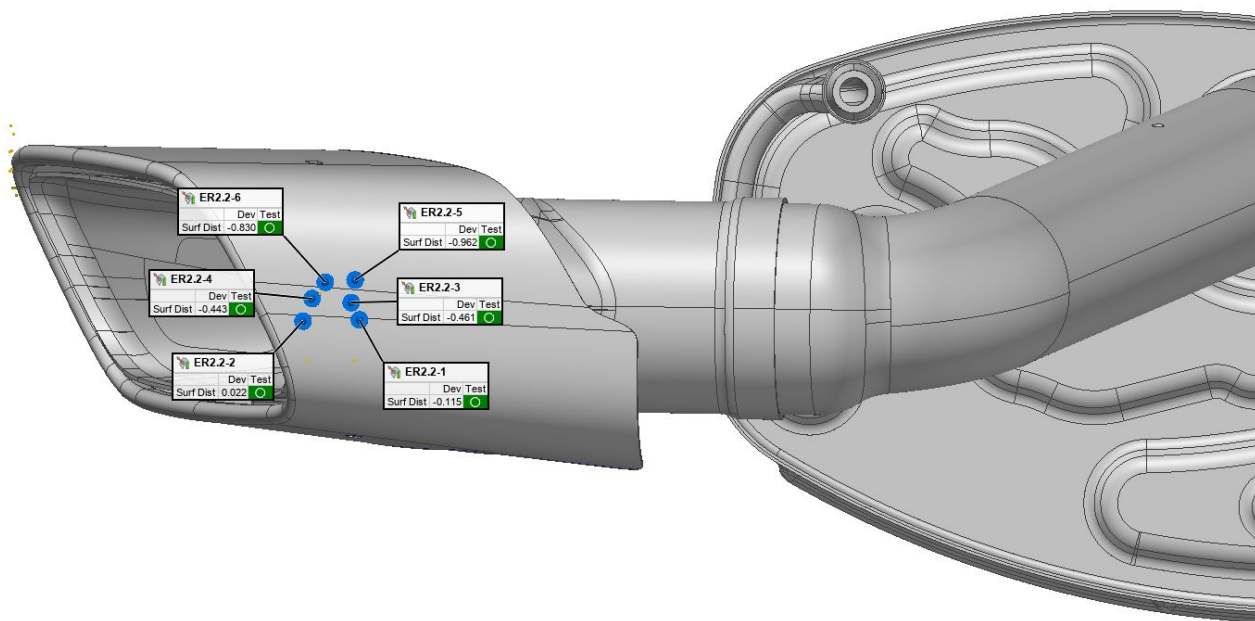
Name	Control	Nom	Meas	Tol	Dev	Test
ER1.3-1	Surface Distance		0.312	±2.000	0.312	Pass
ER1.3-2	Surface Distance		0.371	±2.000	0.371	Pass
ER1.3-3	Surface Distance		0.388	±2.000	0.388	Pass
ER1.3-4	Surface Distance		0.432	±2.000	0.432	Pass
ER1.3-5	Surface Distance		0.455	±2.000	0.455	Pass
ER1.3-6	Surface Distance		0.449	±2.000	0.449	Pass
ER1.3-7	Surface Distance		0.892	±2.000	0.892	Pass
ER1.3-8	Surface Distance		0.908	±2.000	0.908	Pass
ER1.3-9	Surface Distance		0.917	±2.000	0.917	Pass
ER1.3-10	Surface Distance		0.806	±2.000	0.806	Pass
ER1.3-11	Surface Distance		0.609	±2.000	0.609	Pass

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NONE
best-fit meas objects 1



Comparison Point Table

Units Millimeters

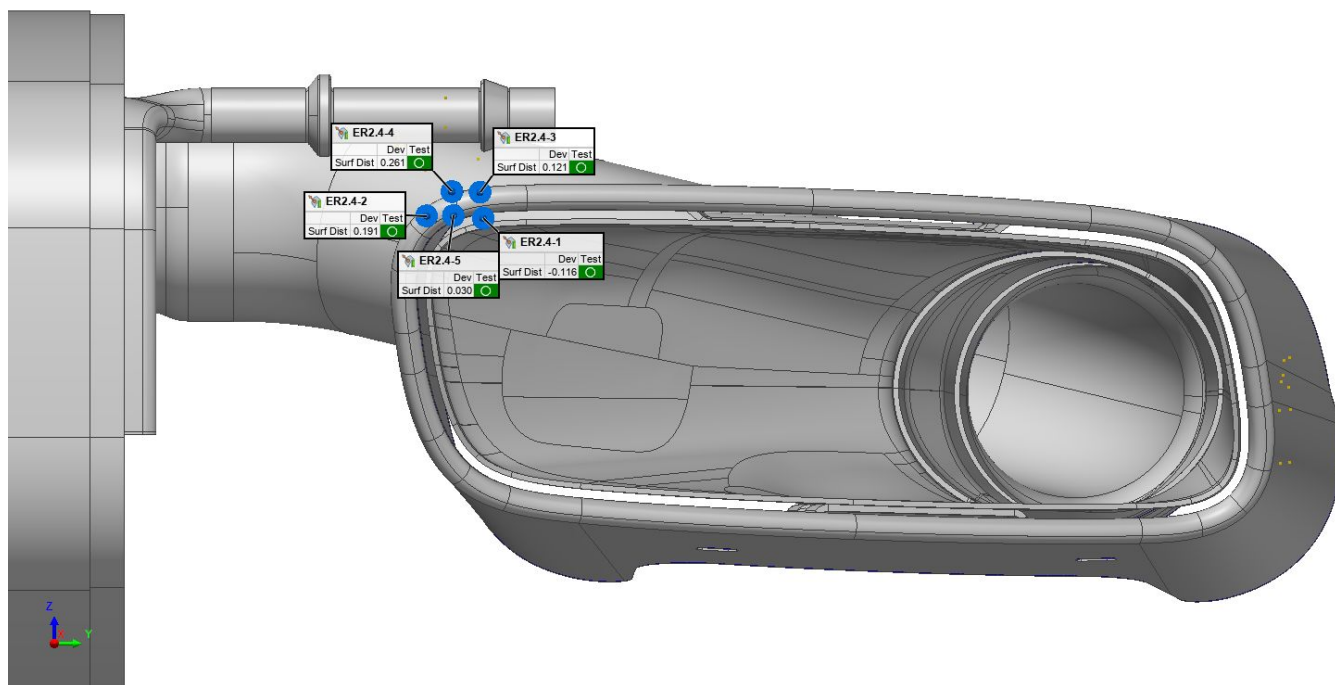
Name	Control	Nom	Meas	Tol	Dev	Test
ER2.2-1	Surface Distance		-0.115	±2.000	-0.115	Pass
ER2.2-2	Surface Distance		0.022	±2.000	0.022	Pass
ER2.2-3	Surface Distance		-0.461	±2.000	-0.461	Pass
ER2.2-4	Surface Distance		-0.443	±2.000	-0.443	Pass
ER2.2-5	Surface Distance		-0.962	±2.000	-0.962	Pass
ER2.2-6	Surface Distance		-0.830	±2.000	-0.830	Pass

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Piece: piece 3



NONE
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Comparison Point Table

Units Millimeters

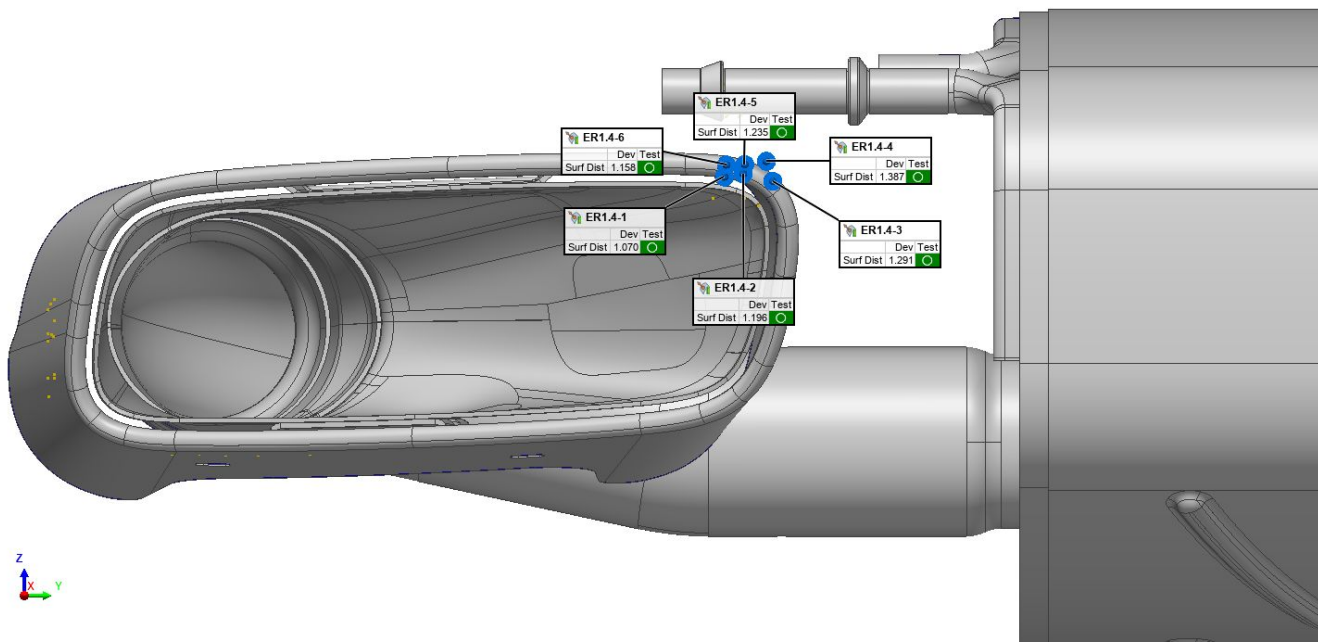
Name	Control	Nom	Meas	Tol	Dev	Test
ER2.4-1	Surface Distance		-0.116	±2.000	-0.116	Pass
ER2.4-2	Surface Distance		0.191	±2.000	0.191	Pass
ER2.4-3	Surface Distance		0.121	±2.000	0.121	Pass
ER2.4-4	Surface Distance		0.261	±2.000	0.261	Pass
ER2.4-5	Surface Distance		0.030	±2.000	0.030	Pass

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Piece: piece 3



NONE
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Comparison Point Table

Units Millimeters

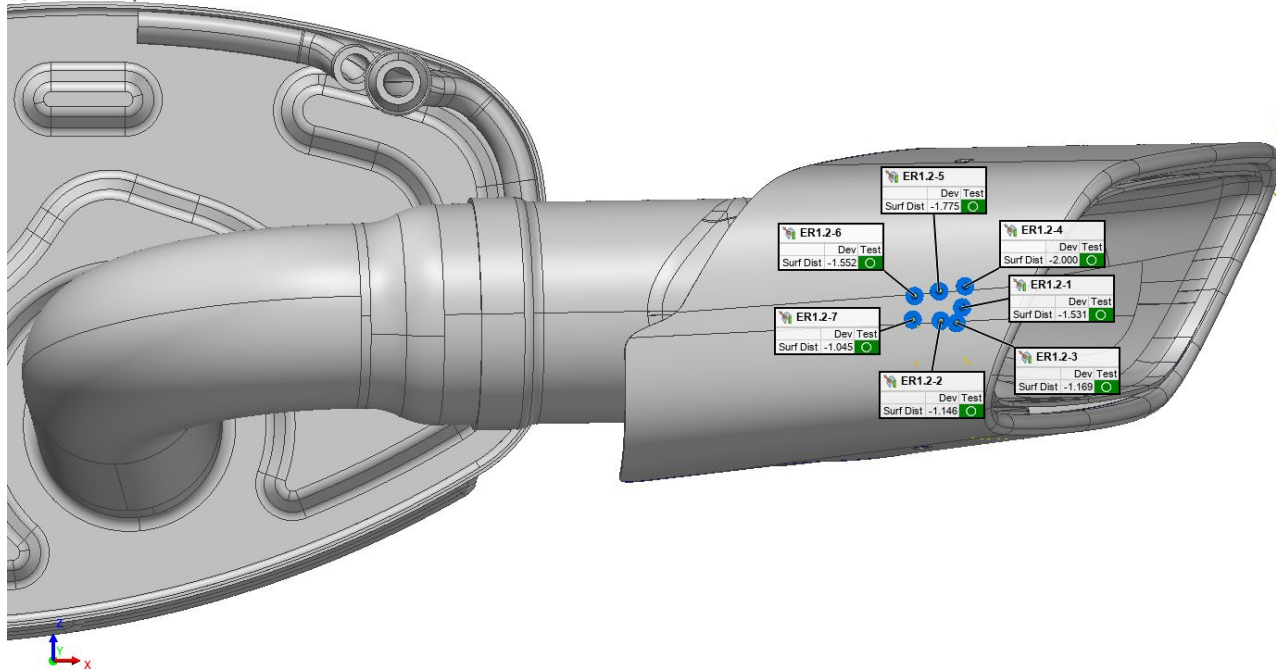
Name	Control	Nom	Meas	Tol	Dev	Test
ER1.4-1	Surface Distance	1.070	1.070	±2.000	1.070	Pass
ER1.4-2	Surface Distance	1.196	1.196	±2.000	1.196	Pass
ER1.4-3	Surface Distance	1.291	1.291	±2.000	1.291	Pass
ER1.4-4	Surface Distance	1.387	1.387	±2.000	1.387	Pass
ER1.4-5	Surface Distance	1.235	1.235	±2.000	1.235	Pass
ER1.4-6	Surface Distance	1.158	1.158	±2.000	1.158	Pass

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Part name: R4 TFSI
Part number: OP20
Piece: piece 3



NONE
best-fit meas objects 1



Comparison Point Table

Units Millimeters

Name	Control	Nom	Meas	Tol	Dev	Test
ER1.2-1	Surface Distance		-1.531	±2.000	-1.531	Pass
ER1.2-2	Surface Distance		-1.146	±2.000	-1.146	Pass
ER1.2-3	Surface Distance		-1.169	±2.000	-1.169	Pass
ER1.2-4	Surface Distance		-2.000	±2.000	-2.000	Pass
ER1.2-5	Surface Distance		-1.775	±2.000	-1.775	Pass
ER1.2-6	Surface Distance		-1.552	±2.000	-1.552	Pass
ER1.2-7	Surface Distance		-1.045	±2.000	-1.045	Pass

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