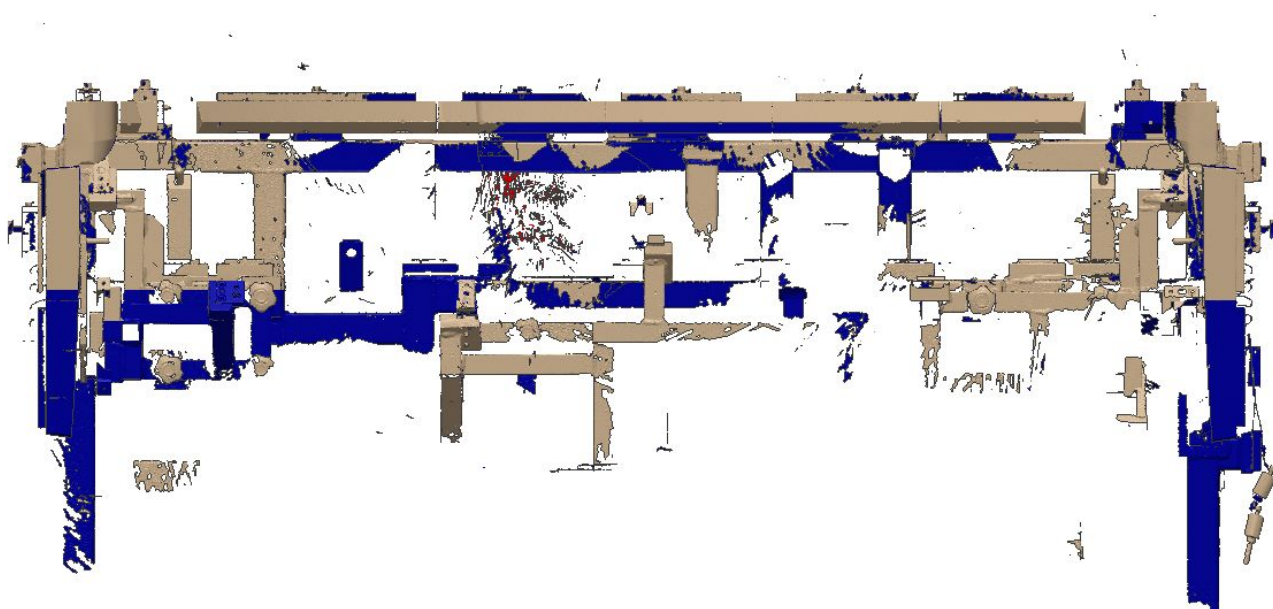


# MEASUREMENT REPORT

as objects 1 (alignment group 1), best-fit to ref 1 (alignment group 2)



Customer: HONDA DE MEXICO

Operator: Felipe Martinez

E-mail: felipe.martinez@mess.com.mx

Workspace: PROGRAMAS HONDA

Project: B-ZYD02C\_77101-3W0A-ZZ00 -  
piece 1

Part name: B-ZYD02C

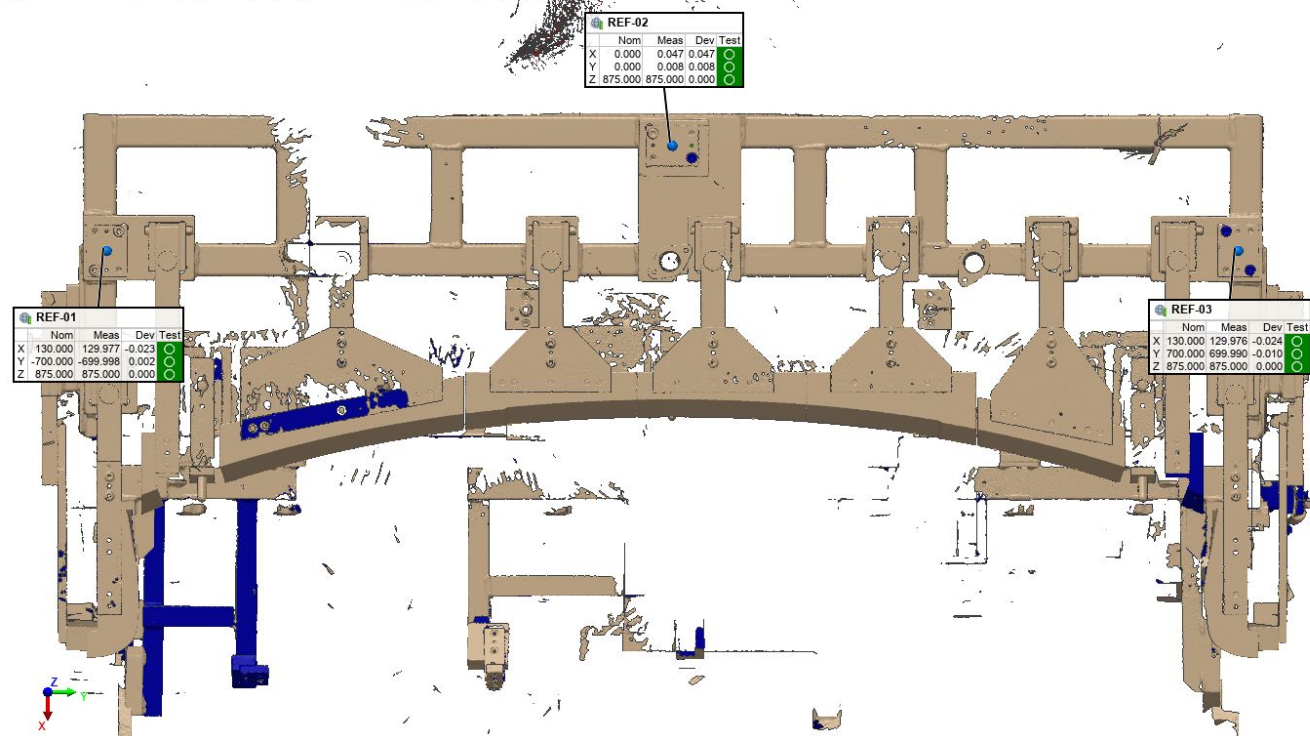
Part number: 77101-3W0A-ZZ00

Drawing : S/R

Device: MESS-P-SESC-003

world

best-fit meas objects 1 (alignment group 1), best-fit to ref 1 (alignment group 2)



## Feature Table

Length Units Millimeters

### REF-01

| Control | Nom      | Meas     | Tol    | Dev    | Test |
|---------|----------|----------|--------|--------|------|
| X       | 130.000  | 129.977  | ±0.100 | -0.023 | Pass |
| Y       | -700.000 | -699.998 | ±0.100 | 0.002  | Pass |
| Z       | 875.000  | 875.000  | ±0.100 | 0.000  | Pass |

### REF-02

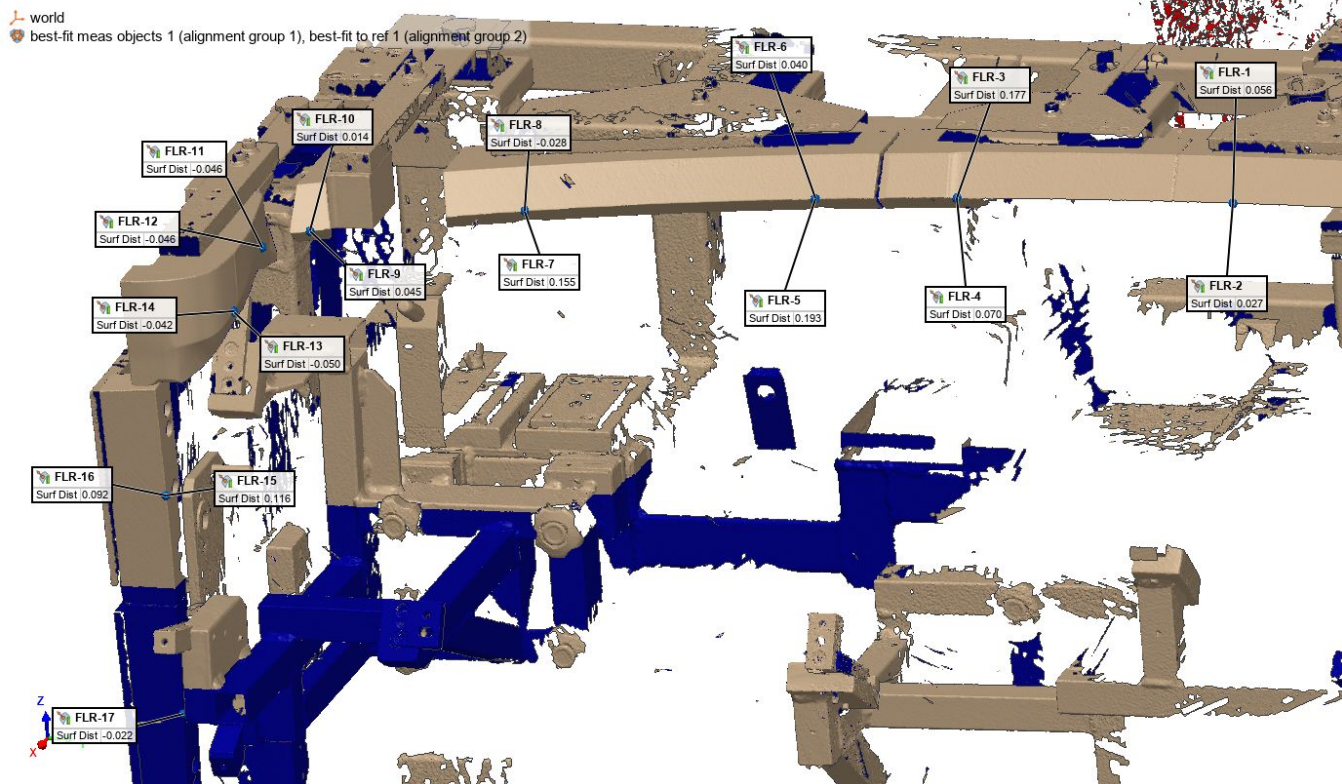
| Control | Nom     | Meas    | Tol    | Dev   | Test |
|---------|---------|---------|--------|-------|------|
| X       | 0.000   | 0.047   | ±0.100 | 0.047 | Pass |
| Y       | 0.000   | 0.008   | ±0.100 | 0.008 | Pass |
| Z       | 875.000 | 875.000 | ±0.100 | 0.000 | Pass |

### REF-03

| Control | Nom     | Meas    | Tol    | Dev    | Test |
|---------|---------|---------|--------|--------|------|
| X       | 130.000 | 129.976 | ±0.100 | -0.024 | Pass |
| Y       | 700.000 | 699.990 | ±0.100 | -0.010 | Pass |
| Z       | 875.000 | 875.000 | ±0.100 | 0.000  | Pass |

Customer: HONDA DE MEXICO  
 Operator: Felipe Martinez  
 E-mail: felipe.martinez@mess.com.mx

Part name: B-ZYD02C  
 Part number: 77101-3W0A-ZZ00  
 Piece: piece 1



## Comparison Point Table

Units Millimeters

| Name  | Control          | Nom      | Meas     | Tol    | Dev    | Test |
|-------|------------------|----------|----------|--------|--------|------|
| FLR-1 | Surface Distance |          | 0.056    | ±0.200 | 0.056  | Pass |
|       | Surface Point X  | 334.892  | 334.948  | ±0.200 | 0.056  | Pass |
|       | Surface Point Y  | -0.010   | -0.014   | ±0.200 | -0.004 | Pass |
|       | Surface Point Z  | 857.985  | 857.991  | ±0.200 | 0.006  | Pass |
| FLR-2 | Surface Distance |          | 0.027    | ±0.200 | 0.027  | Pass |
|       | Surface Point X  | 335.001  | 334.993  | ±0.200 | -0.008 | Pass |
|       | Surface Point Y  | 0.000    | 0.000    | ±0.200 | 0.000  | Pass |
|       | Surface Point Z  | 858.556  | 858.530  | ±0.200 | -0.026 | Pass |
| FLR-3 | Surface Distance |          | 0.177    | ±0.200 | 0.177  | Pass |
|       | Surface Point X  | 344.100  | 344.224  | ±0.200 | 0.124  | Pass |
|       | Surface Point Y  | -200.075 | -200.087 | ±0.200 | -0.012 | Pass |
|       | Surface Point Z  | 858.075  | 858.201  | ±0.200 | 0.126  | Pass |
| FLR-4 | Surface Distance |          | 0.070    | ±0.200 | 0.070  | Pass |
|       | Surface Point X  | 344.390  | 344.447  | ±0.200 | 0.057  | Pass |
|       | Surface Point Y  | -200.007 | -200.009 | ±0.200 | -0.002 | Pass |
|       | Surface Point Z  | 858.749  | 858.790  | ±0.200 | 0.041  | Pass |
| FLR-5 | Surface Distance |          | 0.193    | ±0.200 | 0.193  | Pass |
|       | Surface Point X  | 357.470  | 357.609  | ±0.200 | 0.139  | Pass |
|       | Surface Point Y  | -300.069 | -300.090 | ±0.200 | -0.021 | Pass |

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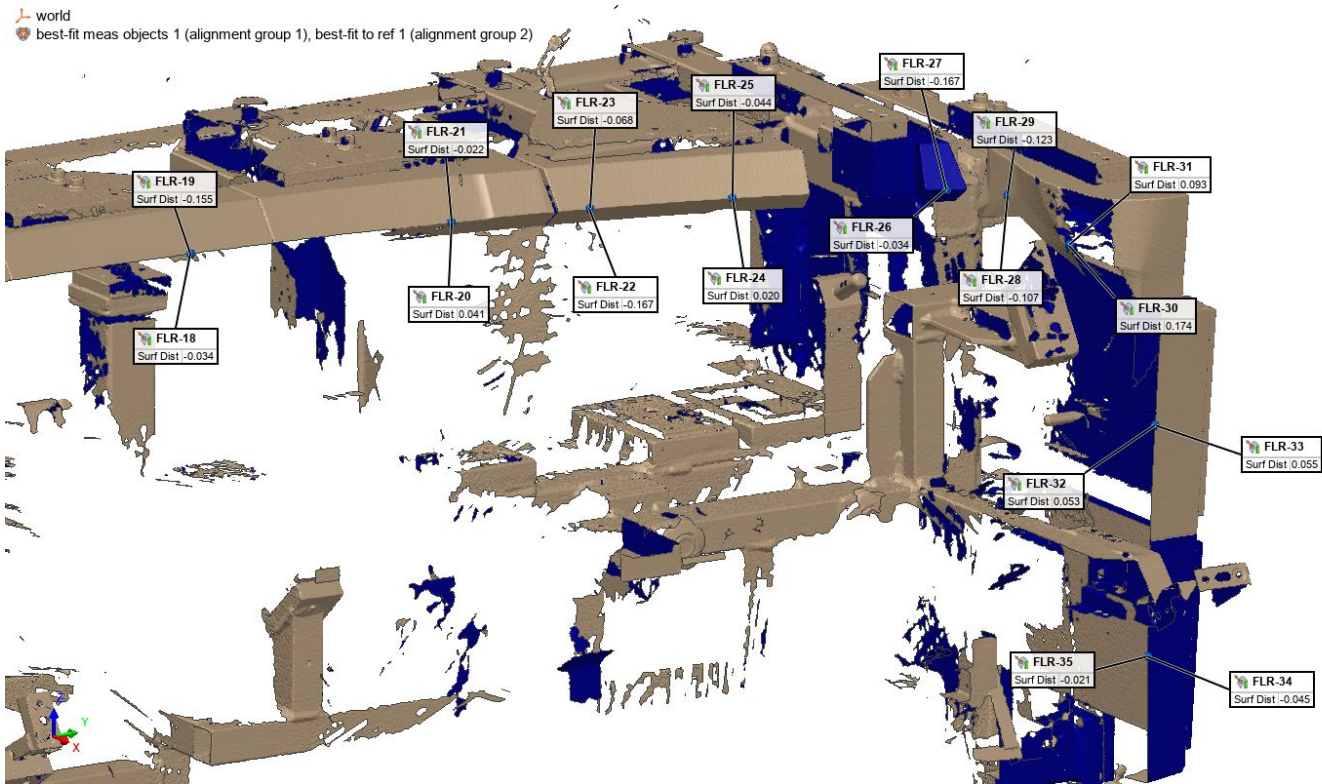
Part name: B-ZYD02C  
Part number: 77101-3W0A-ZZ00  
Piece: piece 1

|                                                                                            |                  |          |          |        |        |      |
|--------------------------------------------------------------------------------------------|------------------|----------|----------|--------|--------|------|
|  FLR-6    | Surface Point Z  | 859.005  | 859.138  | ±0.200 | 0.133  | Pass |
|                                                                                            | Surface Distance |          | 0.040    | ±0.200 | 0.040  | Pass |
|                                                                                            | Surface Point X  | 357.686  | 357.711  | ±0.200 | 0.025  | Pass |
|                                                                                            | Surface Point Y  | -300.035 | -300.035 | ±0.200 | 0.000  | Pass |
|                                                                                            | Surface Point Z  | 859.655  | 859.686  | ±0.200 | 0.031  | Pass |
|  FLR-7    | Surface Distance |          | 0.155    | ±0.200 | 0.155  | Pass |
|                                                                                            | Surface Point X  | 400.732  | 400.762  | ±0.200 | 0.030  | Pass |
|                                                                                            | Surface Point Y  | -500.130 | -500.255 | ±0.200 | -0.125 | Pass |
|                                                                                            | Surface Point Z  | 858.833  | 858.918  | ±0.200 | 0.085  | Pass |
|                                                                                            | Surface Distance |          | -0.028   | ±0.200 | -0.028 | Pass |
|  FLR-8    | Surface Point X  | 400.907  | 400.902  | ±0.200 | -0.005 | Pass |
|                                                                                            | Surface Point Y  | -500.081 | -500.059 | ±0.200 | 0.022  | Pass |
|                                                                                            | Surface Point Z  | 859.497  | 859.482  | ±0.200 | -0.015 | Pass |
|                                                                                            | Surface Distance |          | 0.045    | ±0.200 | 0.045  | Pass |
|                                                                                            | Surface Point X  | 450.447  | 450.476  | ±0.200 | 0.029  | Pass |
|  FLR-9    | Surface Point Y  | -642.979 | -642.970 | ±0.200 | 0.009  | Pass |
|                                                                                            | Surface Point Z  | 857.032  | 856.999  | ±0.200 | -0.033 | Pass |
|                                                                                            | Surface Distance |          | 0.014    | ±0.200 | 0.014  | Pass |
|                                                                                            | Surface Point X  | 450.515  | 450.518  | ±0.200 | 0.003  | Pass |
|                                                                                            | Surface Point Y  | -642.983 | -642.994 | ±0.200 | -0.011 | Pass |
|  FLR-10   | Surface Point Z  | 857.922  | 857.930  | ±0.200 | 0.008  | Pass |
|                                                                                            | Surface Distance |          | -0.046   | ±0.200 | -0.046 | Pass |
|                                                                                            | Surface Point X  | 492.846  | 492.819  | ±0.200 | -0.027 | Pass |
|                                                                                            | Surface Point Y  | -664.958 | -664.996 | ±0.200 | -0.038 | Pass |
|                                                                                            | Surface Point Z  | 859.866  | 859.866  | ±0.200 | 0.000  | Pass |
|  FLR-11   | Surface Distance |          | -0.046   | ±0.200 | -0.046 | Pass |
|                                                                                            | Surface Point X  | 492.619  | 492.614  | ±0.200 | -0.005 | Pass |
|                                                                                            | Surface Point Y  | -665.068 | -665.112 | ±0.200 | -0.044 | Pass |
|                                                                                            | Surface Point Z  | 860.781  | 860.768  | ±0.200 | -0.013 | Pass |
|                                                                                            | Surface Distance |          | -0.050   | ±0.200 | -0.050 | Pass |
|  FLR-12 | Surface Point X  | 579.896  | 579.891  | ±0.200 | -0.005 | Pass |
|                                                                                            | Surface Point Y  | -660.138 | -660.179 | ±0.200 | -0.041 | Pass |
|                                                                                            | Surface Point Z  | 843.593  | 843.564  | ±0.200 | -0.029 | Pass |
|                                                                                            | Surface Distance |          | -0.042   | ±0.200 | -0.042 | Pass |
|                                                                                            | Surface Point X  | 580.258  | 580.249  | ±0.200 | -0.009 | Pass |
|  FLR-13 | Surface Point Y  | -660.030 | -660.067 | ±0.200 | -0.037 | Pass |
|                                                                                            | Surface Point Z  | 844.807  | 844.824  | ±0.200 | 0.017  | Pass |
|                                                                                            | Surface Distance |          | 0.116    | ±0.200 | 0.116  | Pass |
|                                                                                            | Surface Point X  | 617.352  | 617.360  | ±0.200 | 0.008  | Pass |
|                                                                                            | Surface Point Y  | -708.508 | -708.395 | ±0.200 | 0.113  | Pass |
|  FLR-14 | Surface Point Z  | 718.850  | 718.873  | ±0.200 | 0.023  | Pass |
|                                                                                            | Surface Distance |          | 0.092    | ±0.200 | 0.092  | Pass |
|                                                                                            | Surface Point X  | 617.332  | 617.423  | ±0.200 | 0.091  | Pass |
|                                                                                            | Surface Point Y  | -708.985 | -708.988 | ±0.200 | -0.003 | Pass |
|                                                                                            | Surface Point Z  | 718.881  | 718.890  | ±0.200 | 0.009  | Pass |
|  FLR-15 | Surface Distance |          | -0.022   | ±0.200 | -0.022 | Pass |

**Customer:** HONDA DE MEXICO  
**Operator:** Felipe Martinez  
**E-mail:** felipe.martinez@mess.com.mx

**Part name:** B-ZYD02C  
**Part number:** 77101-3W0A-ZZ00  
**Piece:** piece 1

|                 |          |          |        |        |      |
|-----------------|----------|----------|--------|--------|------|
| Surface Point X | 602.700  | 602.698  | ±0.200 | -0.002 | Pass |
| Surface Point Y | -713.506 | -713.484 | ±0.200 | 0.022  | Pass |
| Surface Point Z | 550.433  | 550.432  | ±0.200 | -0.001 | Pass |



## Comparison Point Table

Units Millimeters

| Name   | Control          | Nom     | Meas    | Tol    | Dev    | Test |
|--------|------------------|---------|---------|--------|--------|------|
| FLR-18 | Surface Distance |         | -0.034  | ±0.200 | -0.034 | Pass |
|        | Surface Point X  | 337.067 | 337.098 | ±0.200 | 0.031  | Pass |
|        | Surface Point Y  | 100.023 | 100.016 | ±0.200 | -0.007 | Pass |
|        | Surface Point Z  | 858.050 | 858.061 | ±0.200 | 0.011  | Pass |
| FLR-19 | Surface Distance |         | -0.155  | ±0.200 | -0.155 | Pass |
|        | Surface Point X  | 337.181 | 337.199 | ±0.200 | 0.018  | Pass |
|        | Surface Point Y  | 100.013 | 100.059 | ±0.200 | 0.046  | Pass |
|        | Surface Point Z  | 858.535 | 858.388 | ±0.200 | -0.147 | Pass |
| FLR-20 | Surface Distance |         | 0.041   | ±0.200 | 0.041  | Pass |
|        | Surface Point X  | 356.090 | 356.119 | ±0.200 | 0.029  | Pass |
|        | Surface Point Y  | 300.081 | 300.081 | ±0.200 | 0.000  | Pass |
|        | Surface Point Z  | 858.134 | 858.105 | ±0.200 | -0.029 | Pass |
| FLR-21 | Surface Distance |         | -0.022  | ±0.200 | -0.022 | Pass |
|        | Surface Point X  | 356.177 | 356.165 | ±0.200 | -0.012 | Pass |
|        | Surface Point Y  | 300.062 | 300.060 | ±0.200 | -0.002 | Pass |
|        | Surface Point Z  | 858.539 | 858.520 | ±0.200 | -0.019 | Pass |

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Part name: B-ZYD02C  
Part number: 77101-3W0A-ZZ00  
Piece: piece 1

|                                                                                            |                  |         |         |        |        |      |
|--------------------------------------------------------------------------------------------|------------------|---------|---------|--------|--------|------|
|  FLR-22   | Surface Distance |         | -0.167  | ±0.200 | -0.167 | Pass |
|                                                                                            | Surface Point X  | 375.659 | 375.567 | ±0.200 | -0.092 | Pass |
|                                                                                            | Surface Point Y  | 400.103 | 400.087 | ±0.200 | -0.016 | Pass |
|                                                                                            | Surface Point Z  | 859.052 | 858.913 | ±0.200 | -0.139 | Pass |
|  FLR-23   | Surface Distance |         | -0.068  | ±0.200 | -0.068 | Pass |
|                                                                                            | Surface Point X  | 375.755 | 375.718 | ±0.200 | -0.037 | Pass |
|                                                                                            | Surface Point Y  | 400.085 | 400.078 | ±0.200 | -0.007 | Pass |
|                                                                                            | Surface Point Z  | 859.563 | 859.507 | ±0.200 | -0.056 | Pass |
|  FLR-24   | Surface Distance |         | 0.020   | ±0.200 | 0.020  | Pass |
|                                                                                            | Surface Point X  | 400.641 | 400.652 | ±0.200 | 0.011  | Pass |
|                                                                                            | Surface Point Y  | 500.145 | 500.147 | ±0.200 | 0.002  | Pass |
|                                                                                            | Surface Point Z  | 858.877 | 858.894 | ±0.200 | 0.017  | Pass |
|  FLR-25   | Surface Distance |         | -0.044  | ±0.200 | -0.044 | Pass |
|                                                                                            | Surface Point X  | 400.672 | 400.647 | ±0.200 | -0.025 | Pass |
|                                                                                            | Surface Point Y  | 500.143 | 500.139 | ±0.200 | -0.004 | Pass |
|                                                                                            | Surface Point Z  | 859.355 | 859.318 | ±0.200 | -0.037 | Pass |
|  FLR-26   | Surface Distance |         | -0.034  | ±0.200 | -0.034 | Pass |
|                                                                                            | Surface Point X  | 450.190 | 450.171 | ±0.200 | -0.019 | Pass |
|                                                                                            | Surface Point Y  | 643.095 | 643.092 | ±0.200 | -0.003 | Pass |
|                                                                                            | Surface Point Z  | 857.309 | 857.281 | ±0.200 | -0.028 | Pass |
|  FLR-27   | Surface Distance |         | -0.167  | ±0.200 | -0.167 | Pass |
|                                                                                            | Surface Point X  | 450.189 | 450.097 | ±0.200 | -0.092 | Pass |
|                                                                                            | Surface Point Y  | 643.104 | 643.088 | ±0.200 | -0.016 | Pass |
|                                                                                            | Surface Point Z  | 857.695 | 857.833 | ±0.200 | 0.138  | Pass |
|  FLR-28 | Surface Distance |         | -0.107  | ±0.200 | -0.107 | Pass |
|                                                                                            | Surface Point X  | 493.027 | 493.026 | ±0.200 | -0.001 | Pass |
|                                                                                            | Surface Point Y  | 665.985 | 665.962 | ±0.200 | -0.023 | Pass |
|                                                                                            | Surface Point Z  | 859.706 | 859.601 | ±0.200 | -0.105 | Pass |
|  FLR-29 | Surface Distance |         | -0.123  | ±0.200 | -0.123 | Pass |
|                                                                                            | Surface Point X  | 492.781 | 492.780 | ±0.200 | -0.001 | Pass |
|                                                                                            | Surface Point Y  | 666.093 | 666.067 | ±0.200 | -0.026 | Pass |
|                                                                                            | Surface Point Z  | 860.733 | 860.613 | ±0.200 | -0.120 | Pass |
|  FLR-30 | Surface Distance |         | 0.174   | ±0.200 | 0.174  | Pass |
|                                                                                            | Surface Point X  | 579.767 | 579.768 | ±0.200 | 0.001  | Pass |
|                                                                                            | Surface Point Y  | 661.685 | 661.536 | ±0.200 | -0.149 | Pass |
|                                                                                            | Surface Point Z  | 844.073 | 844.163 | ±0.200 | 0.090  | Pass |
|  FLR-31 | Surface Distance |         | 0.093   | ±0.200 | 0.093  | Pass |
|                                                                                            | Surface Point X  | 580.128 | 580.129 | ±0.200 | 0.001  | Pass |
|                                                                                            | Surface Point Y  | 661.537 | 661.448 | ±0.200 | -0.089 | Pass |
|                                                                                            | Surface Point Z  | 845.247 | 845.274 | ±0.200 | 0.027  | Pass |
|  FLR-32 | Surface Distance |         | 0.053   | ±0.200 | 0.053  | Pass |
|                                                                                            | Surface Point X  | 616.886 | 616.895 | ±0.200 | 0.009  | Pass |
|                                                                                            | Surface Point Y  | 708.889 | 708.911 | ±0.200 | 0.022  | Pass |
|                                                                                            | Surface Point Z  | 718.896 | 718.944 | ±0.200 | 0.048  | Pass |
|  FLR-33 | Surface Distance |         | 0.055   | ±0.200 | 0.055  | Pass |
|                                                                                            | Surface Point X  | 617.146 | 617.155 | ±0.200 | 0.009  | Pass |

**Customer:** HONDA DE MEXICO

**Operator:** Felipe Martinez

**E-mail:** felipe.martinez@mess.com.mx

**Part name:** B-ZYD02C

**Part number:** 77101-3W0A-ZZ00

**Piece:** piece 1

|                                                                                          |                  |         |         |        |        |      |
|------------------------------------------------------------------------------------------|------------------|---------|---------|--------|--------|------|
|  FLR-34 | Surface Point Y  | 709.105 | 709.128 | ±0.200 | 0.023  | Pass |
|                                                                                          | Surface Point Z  | 718.909 | 718.959 | ±0.200 | 0.050  | Pass |
|                                                                                          | Surface Distance |         | -0.045  | ±0.200 | -0.045 | Pass |
|                                                                                          | Surface Point X  | 602.389 | 602.389 | ±0.200 | 0.000  | Pass |
|                                                                                          | Surface Point Y  | 713.914 | 713.905 | ±0.200 | -0.009 | Pass |
|  FLR-35 | Surface Point Z  | 550.450 | 550.406 | ±0.200 | -0.044 | Pass |
|                                                                                          | Surface Distance |         | -0.021  | ±0.200 | -0.021 | Pass |
|                                                                                          | Surface Point X  | 602.554 | 602.570 | ±0.200 | 0.016  | Pass |
|                                                                                          | Surface Point Y  | 714.013 | 714.010 | ±0.200 | -0.003 | Pass |
|                                                                                          | Surface Point Z  | 550.474 | 550.461 | ±0.200 | -0.013 | Pass |

|           |                             |              |                 |
|-----------|-----------------------------|--------------|-----------------|
| Customer: | HONDA DE MEXICO             | Part name:   | B-ZYD02C        |
| Operator: | Felipe Martinez             | Part number: | 77101-3W0A-ZZ00 |
| E-mail:   | felipe.martinez@mess.com.mx | Piece:       | piece 1         |