

**DMS INTERFACE COMPLIANCE
TEST FOR:**

DMS Version:5.0.0.8

DMS Name: MMI Automate

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1. EXECUTIVE OVERVIEW

This document gives an overview of the results of the tests to check whether the DMS integration complies with the standards of General Motors (GM).

The compliance test has been performed for the DMS **MMI Automate 5.0.0.8** developed by **MMI Automotive** communicating with GM via Exchange 1.1.

Following interfaces were tested against the GM standards during the compliance test interface:

- Parts Order Entry (IPA310) with Parts Acknowledgements (OPA310)
- Warranty Claims and Corrections (IWA210) with Warranty Acknowledgements (OWA030)
- Web Parts Locator (IPA511)
- RIM Parts Invoices & Inventory (Parts sold) (IPA611)

The following tested interfaces **are compliant** with the standards of GM:

- Parts Order Entry (IPA310) with Parts Acknowledgements (OPA310)
- Warranty Claims and Corrections (IWA210) with Warranty Acknowledgements (OWA030)
- Web Parts Locator (IPA511)
- RIM Parts Invoices & Inventory (Parts sold) (IPA611)

2. SCOPE OF THE TEST

2.1. Included in the scope

During the tests TVA verified for below interfaces that the DMS was able to generate the data with the correct layout (GM standards) or accepts data in its expected format (GM standards):

- Parts Order Entry (IPA310) with Parts Acknowledgements (OPA310)
- Warranty Claims and Corrections (IWA210) with Warranty Acknowledgements (OWA030)
- Web Parts Locator (IPA511)
- RIM Parts Invoices & Inventory (Parts sold) (IPA611)

2.2. Not included in the scope

- In depth test of the DMS – User acceptance tests
- Reviewing the DMS user guidelines/documentation
- End-to-end testing.

3. TEST ENVIRONMENT

Tests were performed by establishing a remote connection over the public Internet from the TVA test facilities to the DMS system using Webex.

Ms. Kathie Norris (supplier) guided TVA through the DMS and demonstrated each interface. Via the remote connection TVA could see how each interface was integrated.

The DMS system located at the vendor has a connection to the GM Intranet using Equant and/or DirecWay.

3.1. Product Identification

During the tests, we used MMI Automate v. 5.0.0.8 developed by MMI Automotive

4. THE TESTS

4.1. Parts Order Entry (IPA310) with Parts Acknowledgements (OPA310)

4.1.1. Data Supplied



IPA310.zip

4.1.2. Record Layout



IPA310 Record
Layout

4.1.3. Test Result

By using ETCM tool we checked the data correctness. All provided transactions were held on without any errors.

The same situation is with OPA 310, generated from ETCM – it was correctly interpreted by DMS and proper acknowledgements were sent back.

The Layout of the generated files is ok.

This interface was tested **successfully**.

4.2. Warranty Claims and Corrections (IWA210) with Warranty Acknowledgements (OWA030)

4.2.1. Data Supplied



IWA210_GBE676_20
070329144956_13.pi

4.2.2. Record Layout



IWA210 Record
Layout

4.2.3. Test Result

By using ETCM tool we checked the data correctness. All provided transactions were held on without any errors.

The same situation is with OWA 030, generated from ETCM – it was correctly interpreted by DMS and proper acknowledgements were sent back.

The Layout of the generated file is ok.

This interface was tested **successfully**.

4.3. Web Parts Locator (IPA511)

4.3.1. Data Supplied



IPA511.zip

4.3.2. Record Layout



IPA511 Record
Layout

4.3.3. Test Result

By using ETCM tool we checked the data correctness. All provided transactions were held on without any errors.

This interface was tested **successfully**.

4.4. RIM Parts Invoices & Inventory (Parts Sold) (IPA611)

4.4.1. Data Supplied



IPA611.zip

4.4.2. Record Layout



RIM Specifications

4.4.3. Test Result

By using ETCM tool we checked the data correctness. All provided transactions were held on without any errors.

This interface was tested **successfully**.

5. DOCUMENTATION

This part of help is related only to the modules that were scope of the tests.



Automate GME
Exchange.piz

6. CONCLUSION

The following tested interfaces **are compliant** with the standards of GM:

- Parts Order Entry (IPA310) with Parts Acknowledgements (OPA310)
- Warranty Claims and Corrections (IWA210) with Warranty Acknowledgements (OWA030)
- Web Parts Locator (IPA511)
- RIM Parts Invoices & Inventory (Parts sold) (IPA611)

7. REFERENCE

All record layout documentation is available on the TVA website at <http://tva.gm.be.capgemini.com/home.nsf>