

CHRYSLER

**Chrysler Group LLC
Customer-Specific Requirements**

for use with

PPAP, 4th Edition

August 2013

Chrysler Customer-Specific Requirements for Use with *PPAP, 4th Edition*

1. SCOPE

This document defines certain customer-specific requirements for organizations submitting production and/or service part approvals to Chrysler Group LLC in accordance with *Production Part Approval Process (PPAP), Fourth Edition*, March, 2006. Unless superseded by specific written direction from a Chrysler Purchasing & Supplier Quality (P&SQ) representative, or by Chrysler Engineering drawing and specification requirements, the following instructions apply.

2. GENERAL REQUIREMENTS

2.1 Submission Levels

Organizations providing parts to a Chrysler Assembly plant shall follow the guidelines for Submission Level 4, as defined below in "2.2 Submission to Customer".

Organizations providing certain designated parts to a Chrysler Component or Powertrain plant shall follow the guidelines for Submission Level 2, or as otherwise specified by the receiving plant.

In cases where Chrysler requires a bulk material submission, the organization shall reference the bulk material section in the PPAP manual.

2.2 Submission to Customer

Organizations preparing a PPAP submission for **PRODUCTION PARTS** designated for use at any Chrysler production facility shall complete and retain a PSW in accordance with Chrysler's requirements. The PSW shall be made available to Chrysler personnel upon request.

- Organizations providing material for Chrysler **Pre-Series (PS) and subsequent PILOT BUILDS** shall also complete and retain a PSW utilizing the above directions.
- Organizations shall complete and retain a PSW in accordance with table 3.2 in the PPAP manual and in compliance with Chrysler's "Forever Requirements" process.
- PPAP submission shall be entered into the Chrysler Quality Management System (CQMS) by the organization or designated Chrysler P&SQ representative as detailed in the Chrysler Process Planning and Audit (PPA) manual (available via the "Reference" section of the Chrysler Global Supplier Portal).

2.3 Checking Aids

Checking aids shall be submitted when required to perform dimensional inspection of the part being submitted. Organizations shall contact their Chrysler Supplier Quality Engineer (SQE) to determine if this requirement can be waived.

2.4 Appearance Approval Report (AAR)

Organizations shall complete a Chrysler Appearance Approval Report if the design records include any appearance features (e.g. Color, Grain, Finish, Appearance Standards, or Mastering Standards). Prior to completion of the PSW, organizations shall obtain a Chrysler Product Design Office approval signature on the AAR.

The latest Chrysler Appearance Approval Report Forms and Instructions can be found on the Chrysler Global Supplier Portal (through Covisint). They are located on the "Reference" tab, under "Downloads". Click on the link "Supplier Quality Manuals and

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Forms”.

NOTE: Both Interior and Exterior parts are included in the AAR procedure.

Organizations providing Class “A” body exterior sheet metal shall follow Chrysler Manufacturing Quality Procedure MQGR-5705 for surface appearance review and approval. For further details concerning the specific requirements of this review and approval process, organizations shall contact their Chrysler SQE.

2.5 Interim Approval Authorization

The Interim Approval Authorization (IAA) is an official document approved by Chrysler to allow interim approval and shipment of parts which do not fully meet all PPAP requirements. In cases where interim approval is granted, the organization will receive an approved IAA from Chrysler authorizing shipment for a limited time or a specified quantity of parts.

After expiration of the specified time or quantity of parts authorized on the IAA, or once parts meet all PPAP requirements, a complete PPAP submission is required to obtain a status of “Approved.”

2.6 Third Party Laboratories

[When requested by Chrysler](#), organizations are required to use an ISO/IEC 17025 accredited third party laboratory to verify dimensional and material/functional tests prior to completion of a PSW.

NOTE: For organizations administered by [Regional Sourcing Offices \(RSOs\)](#), Third Party Laboratory requirements will be as directed.

The third party laboratory shall be accredited by an organization recognized by Chrysler to accredit to ISO/IEC 17025.

3. SERVICE-SPECIFIC REQUIREMENTS

This section identifies the PPAP requirements for service parts distributed through Mopar. Additional information is provided to help organizations and Mopar personnel understand the PPAP requirements for service parts. (Section information appearing in parentheses after paragraph headers in this section directs the reader to the applicable section in the PPAP manual).

3.1 Definitions

Accessory – Parts or systems released by Mopar Product Development to enhance vehicle appearance or provide additional vehicle functionality. Accessory parts are purchased by the customer and may be installed on the vehicle at a dealership.

Essential Chemical – Bulk material used in production vehicles and validated during vehicle development which is packaged for service.

Marketing Chemicals – Service materials developed for aftermarket applications.

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Mopar E&O– A process whereby an obsolete or extra assembly is disassembled into usable service parts. The usable service parts are verified for conformance and packaged as original equipment.

Performance – A brand of parts sold by Mopar. These special parts or systems are sold to the customer to enhance vehicle performance.

Rework – An action taken on non-conforming product so that it will meet specification.

Remanufacture – A formal process that salvages core material or used assemblies from the field and restores them into usable product. Salvaged core is combined with new parts, rework and repair to make a reliable assembly for resale. Remanufacturing processes are subject to Process planning meetings and Process Audits.

Valueline – A brand of maintenance service parts sold by Mopar as an alternative to OEM replacement parts.

3.2 General (Section 1)

Service part PPAP documentation shall be submitted by the organization to Mopar_PPAP@chrysler.com for approval.

NOTE: If the organization has an approved production part, a separate warrant submission is not required to provide service parts under the same Chrysler part number.

Note: Marketing-related graphics and art work changes to the packaging labels do not require a PPAP submission.

3.3 Significant Production Run (Section 2.1)

When requirements for a 300 consecutive part run or 8 hours of production may not be practical for low-volume service parts, the quantity of the parts needed for service PPAP shall be a statistically significant sample of a one year Mopar release quantity or as determined by Mopar Supplier Quality.

3.4 PPAP Requirements (Section 2.2)

The three-piece sample to be submitted to Mopar Supplier Quality must be from the sample run. Exceptions to the three-piece minimum will occur when large stamping parts or assemblies are involved. For exception requests or questions please contact Mopar Supplier Quality at Mopar_PPAP@chrysler.com.

Samples submitted as part of PPAP must be run from production tooling. Organizations shall not ship parts until Mopar Supplier Quality has approved the dimensional reports and/or samples.

All PPAP submissions shall provide evidence of a Mopar Package Engineering approval with the submission. Reference the Mopar Package Engineering Website at <http://mpe.extra.chrysler.com> for details on the approval process.

3.5 Design Record (Section 2.2.1)

Mopar Supplier Quality requires evidence of clear design records or drawings accordance with AIAG PPAP - Fourth Edition Section 2.2.1. Critical characteristics and key dimensions are to be identifiable in the design record.

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It is Chrysler's Policy that Suppliers submit the approved drawing and or design record at time of PPAP. For parts released by a change notice (CN); it is Chrysler Policy that Suppliers submit 2D and 3D CAD data/drawings to Chrysler/Mopar Engineering for release within an agreed upon Process Plan.

Chrysler CAD data for electronic module hardware identified in "chart" drawings shall be kept separate from software revisions. Electronic module hardware changes require a software part number cross-reference at the time of change.

Service Kits and Packages require evidence of a correct bill of material (BOM). The BOM must be supplied with the PPAP. Drawings, charts and electronic Service Bill of Material (SBOM) references are accepted.

When an Instruction Sheet (I-Sheet) is part of a kit or package, an approved sample copy shall be submitted with the PPAP documents.

Design Records for Remanufactured Parts. (Section 2)

Remanufactured Part submissions may have process specification sheets in place of drawings as approved by Mopar Engineering and Quality. Process specification sheets are to include all specifications and tolerances that are not documented on the drawings. (Section 2.2.1)

PPAP is mandatory for remanufactured parts. (Section 2.2.10) Submissions require an approved Mandatory Replacement Part (MRP) list. Changes to the MRP require a Change *Notice (CN)*. (Section 2.2.1)

When Remanufactured Parts require a DFMEA, it shall be approved by Mopar Engineering and Quality. (Section 2.2.4)

Material certifications are not required for production parts used in remanufactured product. (Section 2.2.10)

3.6 Customer Engineering Approval (Section 2.2.3)

Accessory parts are released by Mopar Product Development using a "cover sheet"; an Engineering and Quality checklist identifying PPAP requirements and responsibilities. A blank "cover sheet" is supplied in the source package and can be obtained from Mopar Product Development.

- The Engineering portion of the "cover sheet" is required to be signed by the Mopar Product Development Engineer and sent to the supplier when the Engineering requirements are completed.
- The supplier submits a copy of the signed/approved electronic copy (PDF) of the "cover sheet" with the PPAP submission.
- The Mopar Supplier Quality Engineer will document the approval on the "cover sheet" in the PPAP approval process along with the warrant.
- Accessory developed Instruction Sheets (I-Sheets) are subject to dealer service validations performed by Mopar Quality Engineering prior to the PPAP submission.

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3.7 Submission Level to Customer – Levels of Evidence (Section 4.2)

Table 1 – Service Parts

	New Service Part ²	Service Part is also a Production Part	Component of a Production Assembly with a Production PPAP	Third Party Packages (multiple parts) ²	Chemicals for Service
New part/ Initial submission	Level 5	Production PPAP ¹	Level 1	Level 4	Level 4
Engineering Change – Change Notice (fit, form, or function)	Level 3	Production PPAP ¹	Level 1	Level 4	Level 4
Safety Recall or Customer Satisfaction Notice	Level 5	Production PPAP ¹	Level 5	Level 4 - verify components individually ²	Level 5
Technical Service Bulletin (TSB), Rapid response Transmittal (RRT)	Level 3	Production PPAP ¹	Level 3	Level 4 - verify components individually ²	Level 4
Forever Requirement submission (plant move, line change)	Level 3	Production PPAP ¹	Level 1	Level 4	Level 4
Tool Refurbishment	Level 4	Production PPAP ¹	Level 1	Level 4	Level 4
Mopar E&O (salvage or Rework)	Process & Specification approval required from Engineering	Process & Specification approval required from Engineering	Process & Specification approval required from Engineering.	Process & Specification approval required from Engineering	Process & Specification approval required from Engineering
Software Change (dealer flash)	Production Certification ¹	Production Certification ¹	Production Certification ¹	Production Certification ¹	NA

Table 1 – Service Parts (continued)

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 MOPAR.	Remanufactured Part/Assembly	Accessory Part/Assembly	Performance Part/Assembly ³	Valueline Part/Assembly
New part/ Initial submission	Level 5	Level 3	Level 3	Level 4
Engineering Change – Change Notice (fit, form, or function)	Level 3	Level 3	Level 3	Level 4
Safety Recall or Customer Satisfaction Notice	Level 5	Level 5	Level 5	Level 5
Technical Service Bulletin (TSB), Rapid response Transmittal (RRT)	Level 3	Level 3	Level 3	Level 4
Forever Requirement submission (plant move, line change)	Level 5	Level 3	Level 3	Level 4
Tool Refurbishment	Level 4	Level 4	Level 4	Level 4
Mopar E&O (Salvage or Rework)	Process & Specification approval required from Engineering	Process & Specification approval required from Engineering	Process & Specification approval required from Engineering	Process & Specification approval required from Engineering
Dealer Flash (software change)	Production Certification ¹	Production Certification ¹	Production Certification ¹	Production Certification ¹

¹Activity or event is completed by the Chrysler Production organizations

²Sub-components are subject to evaluation to appropriate levels based on application for kits/packages with multiple parts.

³Performance part PPAP submission levels for “sport racing or off road racing only” are a level 4.

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Third Party Package PPAP Submissions at level 4. (Section 4.2)

Submission to include:

1. Process sheet
2. BOM
3. IMDS
4. Part Submission Warrant
5. Packaging approval
6. Appearance Approvals when required

Service Chemical PPAP Submission: (Section 4.2)

Essential Chemicals –production product packaged for service (level 4)

Submission to include:

1. Process sheet/part information sheet
2. BOM/container size
3. Material test results
4. Fill capability study
5. Part Submission Warrant

Marketing Chemicals – new product developed for service (level 4)

Submission to include:

1. Application Matrix
2. Process sheet/part information sheet
3. BOM/container size
4. DVP&R
5. Process Flow
6. PFMEA
7. Control Plan
8. Material test results
9. Fill capability study
10. Measurement System Analysis
11. Part Submission Warrant

Mopar Supplier Quality will check approvals in the “Regulated Product Workflow” (RPW) system for: Change Notice, drawings, container size, Industrial Hygiene Formulation submissions, Hazard Material submissions, MSDS, Regulatory submissions, Packaging and Graphic approvals.

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4. Revision History

Date	Section	Revision
August 2012	All	Renumbered sections
	3	Added Service-specific Requirements section
December 2012	2.2	Changed "AQP/PSO" manual to "Process Planning and Audit" manual
	2.4	Changed "PSO Manual" website to "SQ Manuals and Forms" website
	4	Added revision history matrix
August 2013	2.6	Revised section on Third-Party Laboratories to remove reference to PPAP Self-Certification and update RSO