

NAVISTAR, INC.		
Material, Parts, and Process Specifications (MPAPS)	NUMBER: MPAPS S-A-0.101	
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TITLE: Foreword	CURRENT REV No.: 1506	DATE: June 2015
WRITTEN/EDITED BY: Materials Engineering	APPROVED BY: Materials Engineering	SUPERSEDES: ESP-A-0.101 - September 2008
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<i>This specification may involve hazardous materials, equipment, and procedures. This specification does not purport to address all of the safety issues associated with its use. The user is responsible to consult appropriate safety and health practices and to determine the applicability of regulatory limits prior to use.</i>		
Change Notice: Changed to New MPAPS format.		

1.0 GENERAL:

The standards contained in this book are compiled and published by Corporate Technical Standards.

These standards, particularly those covering common hardware (bolts, nuts, screws, fittings, etc.) comply, where possible, with standards published by the International Organization for Standardization (ISO) and worldwide national standards organizations such as the American National Standards Institute (ANSI) and the Society of Automotive Engineers (SAE).

2.0 INDEXES:

Section A contains an Alphabetical Index, Material and Finish Abbreviations, and Finish Specifications. The Alphabetic Index provides an alphabetic listing of products covered by the Standard Parts Book and indicates the section in which each can be found.

3.0 PART NUMBER ASSIGNMENTS:

All part numbers appearing in this book are controlled by Corporate Technical Standards. Upon request part numbers are assigned to new and reinstated standard parts by Corporate Technical Standards from the special block of numbers reserved for that purpose.

Drawings are not required and, in fact, must not exist for Corporate standard parts.

4.0 REQUESTS FOR STANDARD PARTS PAGES FOR SUPPLIERS:

Suppliers requiring Engineering Standard Parts pages for price quotation or firm order purposes must contact the distributor of those documents for either one-time purchase or for subscription purposes. The Standards are available in printed form, on a CD-ROM or on a controlled access Internet Web site. Information on these options may be obtained by contacting the distributor at the address shown below.

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5.0 **STANDARD PARTS:**

These are parts which have had minimum corporate criteria established for standardization of size, material, finish, general physical and performance characteristics, or a combination of these attributes. The criteria are established by consensus of the company's product engineering departments and reflect the parameters within which Group approved parts policies are established.

6.0 **HARDWARE PARTS:**

Hardware is a term used to describe a particular segment of the corporate standard parts commodities that are available as commercial products in various forms and sizes such as bolts, nuts, pins, clamps, washers, and fittings.

7.0 **APPROVED PARTS:**

"Approved" is terms used to segregate the parts within a recommended standard parts commodity to reduce variety and assure maximum availability, interchangeability, and cost savings.

"Approved parts" meet the minimum established corporate criteria for standardization of size, material, finish, and general physical characteristics. The criteria normally are established by consensus of the company product engineering departments and reflect the parameters within which Group approved parts policies are established.

With a few exceptions, the general specifications for each type of part include a detailed outline of the approved parts policy.

8.0 **NOT FOR NEW DESIGN:**

This is a term used to describe certain standard parts commodities that should not be used in new or revised product designs and, if practical, should be replaced by another design in present products. These commodities normally are placed in this category as a result of a consensus of the product engineering departments to discontinue use of parts which either have been removed form national standards, or are difficult to procure, or are proprietary parts that limit availability and competitive pricing. There are also cases where other designs exist that are interchangeable and technically equivalent or superior, less expensive, more readily available, etc.

In rare instances, a "not for new design" commodity may possess unique design characteristics for special applications for which a substitute commodity does not exist. In these cases, the unique characteristics and examples of special applications will be described for which the commodity may be used. It must be remembered, however, that the listed special applications are not carte blanche approval to use the commodity, and every attempt must be made to design the application to avoid use of the parts.

9.0 **SERVICE ONLY PARTS:**

"Service Only" is the term used for the parts which are no longer used in the production and made available only for service.

10.0 **VOID PARTS:**

This term is used for the items which are voided in the systems like spectrum, team center, CDMS.

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