

## **NATIONAL MAINTENANCE AGREEMENTS AUTOMOTIVE TOOLING AND KITTING AGREEMENT - FORD MOTOR COMPANY**

The NMAPC will continue to approve major renovation and rehabilitation projects, as well as maintenance, remodeling, or repairs. Approval will be requested on a project basis, and will not necessarily be site-wide.

Prior to the start of a project, Ford will designate a representative who will act as liaison with the NMAPC. Additionally, a local tri-partite committee consisting of at least one (1) Ford representative, two (2) building trades representatives, and (1) contractor representative will be established for each project. This committee will meet prior to the start of construction and on a regular basis thereafter for the purpose of reviewing building trades labor needs; obligations of Ford, vendors, suppliers, and contractors to assure that all work proceeds in an orderly manner. Representatives of the NMAPC Tooling & Kitting Task Force will be invited to participate in the first meeting of the local committee. The local committee will promote the timely resolution of any issues pertaining to the National Maintenance Agreements, however; any unresolved issues will be addressed by the National Maintenance Agreements Policy Committee so that NO disruption of work occurs.

Ford or the Construction Manager will ensure that all contractors or subcontractors employing building trades crafts on NMAPC approved projects conduct Pre-Job Conferences to explain the various conditions that have been established for the job.

### **SPECIAL PROVISIONS REGARDING TOOLING ON NMAPC APPROVED PROJECTS:**

The general intent of the agreement is that in-plant work required for the installation of Machine Tools by building trades crafts be performed in close harmony with, but not under the direct supervision of, service representatives provided by machine tool suppliers.

The following guidelines are intended to implement these special provisions for specific job content covered by National Maintenance Agreements and form the "Ford Tooling & Kitting Memorandum of Understanding":

## New Tooling

New tooling is defined as tooling capable of running as a stand-alone system when services are provided; such as a transfer system, press welder, new robot, part conveyor, pedestal welder/sealer, gun changer, pedestal tip dresser, geo tool trays/fixtures, CNC machines, or other, which commonly could be shown as a separate fixture or automation. Tooling related platforms, balconies, support steel, load assists and other large machine components requiring power rigging are also to be considered New Tooling.

Building trades crafts, through a signatory NMAPC contractor, will unload, erect and install new tooling. This will include all phases of tooling support installation - alignment, leveling, anchoring, and installation of all wiring, piping and guarding per the installation drawings and specifications for a complete installation. New cutting tool blades, bits, or equivalent may be installed by Plant personnel or tool supplier at Ford's discretion. Building trades crafts will initialize all services, repair leaks, etc., and present the completed installation to the tooling supplier or owner for Startup-Debug as described below.

## Kits

Kits are defined as modifications to existing tooling, related tooling structure, or automated transfer equipment required to bring the tooling into conformance with specifications or to incorporate engineering changes.

Tool suppliers will perform kit installation work within the area occupied by the existing tooling and equipment. This area is defined as inside machine guarding, on the base plate of tooling, or on related tooling structure of the machine or automation. This includes valve manifolds, junction boxes, and control centers, which support the current tooling, either inside or outside of guarding. It shall not be a violation of this section of the agreement should the tool supplier elect to utilize building trades crafts in lieu of vendor technicians for all or any portion of the work described above, as conditions dictate.

Building trades crafts will provide labor for required utility services (i.e. electric, air, water, etc.) or service modifications to the fixture, outside of the tooling base plate, transfer, or tooling structure. This will include installation of any additional hydraulic units, welding controllers or major electrical control panels added to balconies or outside of the existing tooling structure.

When circumstances require retrofitting entire systems or production lines (i.e. Bodysides, Framing, Respot, Underbody, Block, Head, Crank, etc.) previously accepted by Ford for new product programs the building trades crafts will perform the initial installation work as described herein or as directed or delegated by the Ford designated NMAPC liaison.

### Sign-Off

Once the installing contractor site representative, the tooling vendor site representative, and the owner's site representative agree that the tooling/kitting work in question performed by the installing contractor is complete, a sign-off tag will be attached to the tooling/kit and the tooling/kitting will be considered conditionally bought off. The tooling system is now the responsibility of the owner/vendor and any subsequent work is to be performed as directed by the owner/vendor as described herein.

Tooling related warranty work may be performed prior to Sign-Off when the work is required for immediate safety or to ensure scheduled production start-up. In these rare circumstances, the work must be authorized by the Ford designated NMAPC liaison.

### Startup-Debug

When the new tool or the newly kitted tool has been completely installed and is ready for initial start-up, the tool supplier will provide technical support to assure equipment is installed to the intent of design. They will start the new tools. Corrections to the contractor's installations identified during startup, such as piping leaks, incorrect rotation, misalignment, and the like, will be handled by building trades crafts to the tool supplier's and Ford's satisfaction.

The tooling supplier will provide qualified technicians to debug the system and assure readiness for production. This will include any unforeseen minor modifications required to make tooling compatible with the overall system and any "Kitting" (see Kits above) required for warranty repairs or product engineering changes. Tool suppliers will perform kit installation work within the area occupied by the existing tooling and equipment. This area is defined as inside machine guarding, on the base plate of tooling, or on related tooling structure of the machine or automation. This includes valve manifolds, junction boxes, and control centers, which support the current tooling, either inside or outside of guarding. It shall not be a violation of this section of the agreement should the tool supplier

elect to utilize building trades crafts in lieu of vendor technicians for all or any portion of the work described above, as conditions dictate.

### Acceptance

When the tool supplier has demonstrated the specified performance, Ford Motor Company will accept the tool. Modifications to the tooling after acceptance will be the responsibility of Ford Motor Company unless "Kitting" is required to correct a warranty item, upgrade tooling to contain engineering changes, or any other condition which makes the work the tooling supplier's responsibility to Ford Motor Company.

### Favored Nations Clause

Should the NMAPC agree to extend to any other Owner within the automotive industry covered by this agreement, terms or conditions which are more favorable to said Owner than the terms and conditions set forth in this agreement, then such terms and conditions shall automatically be extended to all Owners, party to this agreement.

**This document constitutes the entire “Ford Tooling & Kitting Memorandum of Understanding”. All prior letters, flowcharts, ledgers, etc. are not part of this agreement and not relevant in its application.**