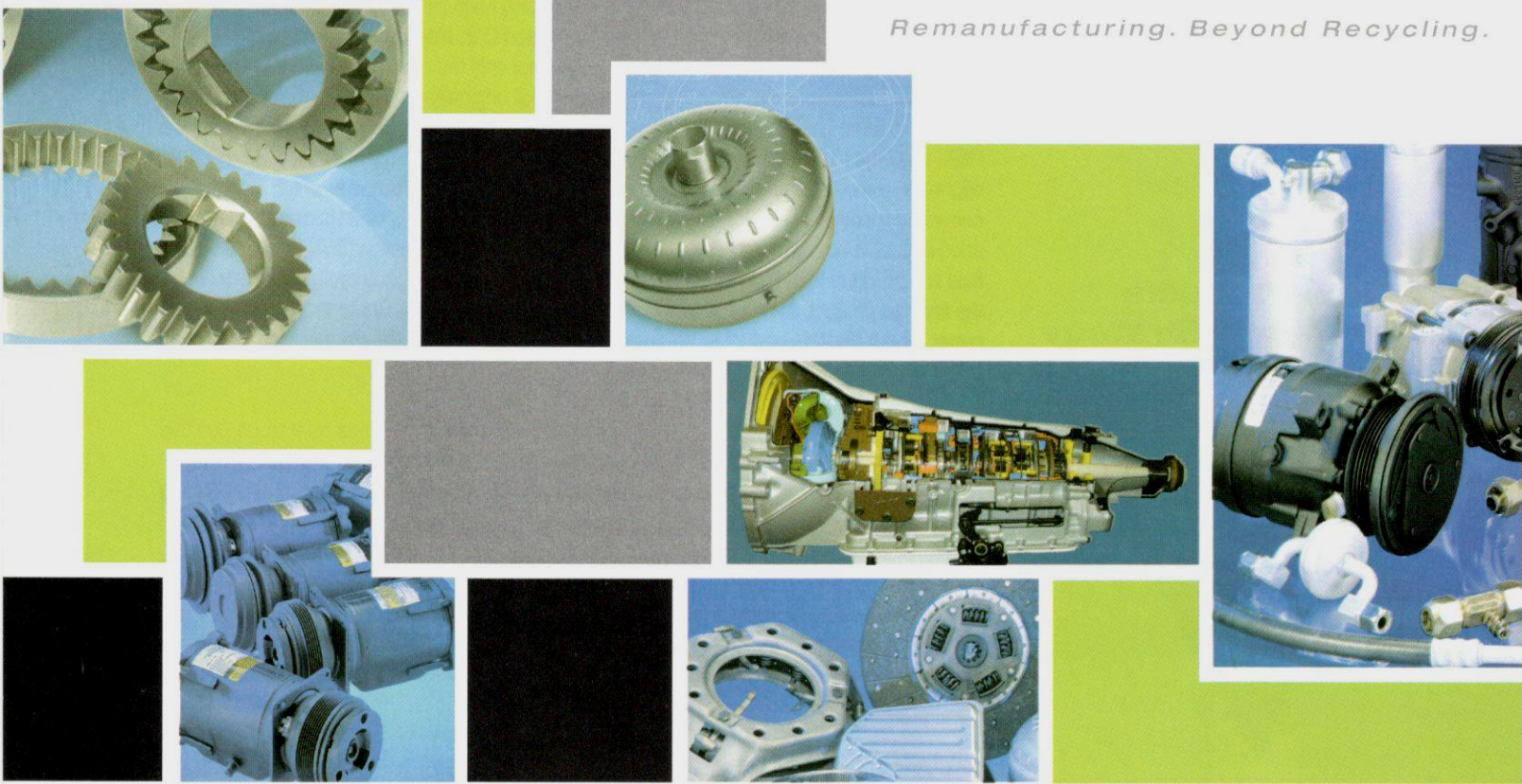


ALMA PRODUCTS

Remanufacturing. Beyond Recycling.



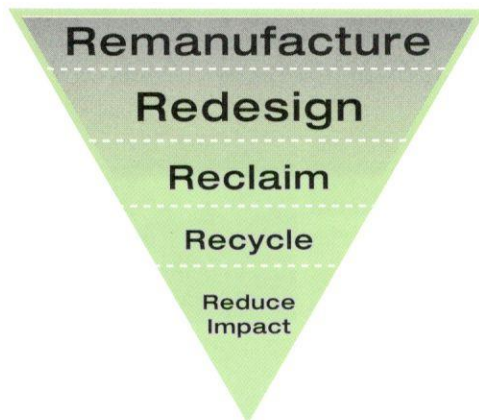
Alma Products was founded in Alma, Michigan in 1944 as an authorized remanufacturer and distributor of automotive powertrain parts for The Ford Motor Company. With over 60 years history, Alma has earned the highest reputation for both environmental stewardship and quality remanufacturing by U.S. automotive companies such as Ford, General Motors and Chrysler and industrial companies such as Caterpillar, John Deere, Komatsu and Case New Holland. Alma's trusted reputation is evident as the majority of its remanufactured products are used for O.E. warranty replacements. In addition, Alma Products prides itself on being a TS-16949, ISO 14001 and Q1 certified remanufacturer. Alma Products believes that there is one world and one environment to protect.

Remanufacturing. Beyond recycling.

A big difference to the environment



Alma Products Environmental Strategy



Why remanufacturing? The remanufacturing process makes the most effective use of the original resources expended to manufacture a product and is thus vastly superior to recycling. While recycling recovers only the raw material used in the original manufacturing of the product (which is typically less than the original total cost and requires additional resources and energy to accomplish), the remanufacturing process fully disassembles a product into major components, individually cleaning, testing, requalifying and repairing each individual component. The requalified components are then reassembled, to meet or exceed O.E. standards. Remanufacturing is the most environmentally responsible process, where not only the material is saved, but all of the other resources such as energy, labor and engineering skill originally employed to make the part are fully recovered. Alma has developed many proprietary remanufacturing processes and works closely with OEM engineers to design components that can be successfully remanufactured. Some components cannot be remanufactured and these may then be reclaimed, a process in which material is converted for other uses. For example, used automatic transmission fluid is collected, filtered and used as fuel to heat water for the remanufacturing process. One gallon (3.79 L) of used transmission fluid is equivalent to 140,000 BTUs of heat. The final alternative is to recycle any material not used in the finished product. Alma Products works with local material recyclers to recycle all steel, aluminum, paper, wood, plastics, and other products that are not used. The ultimate goal is to find the best use of the product and minimize landfill waste.

Remanufacturing is Ecological. Remanufacturing has numerous positive environmental benefits and can help customers achieve their environmental initiatives. Approximately 85% of the energy expended in the manufacture of the original product is preserved in the remanufactured product. Remanufacturing does not require advanced or unproven technology and is, therefore, available today. With more than 60 years of environmental stewardship, Alma Products has remanufactured over 1,000,000,000 kg of automotive sub-systems and recycled over 250,000,000 kg of steel and aluminum. That equals 22,600 railway cars filled to their maximum, occupying 260 Km in length or the distance from Nagoya to Tokyo. Alma has also reclaimed over 20,000,000 liters of waste oil into heat.

Remanufactured parts are OEM quality or better. Alma works directly with OEM engineers to ensure that all critical characteristics are established and repair criteria developed, so that quality meets or exceeds O.E. specifications. In addition, upgrades to the component latest design level are often made, thus providing a remanufactured product that is superior to the originally installed component.

Remanufacturing is cost effective. Customers can significantly reduce warranty cost and improve service parts profitability with remanufactured products. Alma's remanufactured components are typically 30 to 50 percent less expensive than out-of-service new production parts. Most importantly, the start up cost to remanufacture products is minimal compared to the cost of making new product, or the cost that the environment would otherwise pay.

Remanufacturing helps O.E. operations run efficiently. Our customers often use Alma-supplied remanufactured products for low volume service and past model applications. This helps to free valuable floor space and factory resources for new applications by reducing inventory, equipment and tooling upkeep.

Remanufacturing creates brand value. Remanufacturing ensures part availability for customers who retain their vehicles. Alma remanufacturing supports customers by providing superior components that help maintain residual and brand value. Alma provides service parts with the highest quality at the lowest cost, giving the customer confidence for the life of the vehicle.

