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Below are some examples of current bio-manufacturing processes in production.

FORD PIONEERS PATENT-PENDING USE OF ECO-FRIENDLY SOY OIL IN RUBBER AUTOMOTIVE PARTS (from Media.Ford.Com. Ford's researchers find that using renewable soy oil as a 25 percent replacement for petroleum oil more than doubles rubber's stretchability and reduces its environmental impact:

- Ford's biomaterial researchers are applying for a patent for soy oil-based rubber that can be used in automotive parts such as deflector shields and baffles, radiator deflector shields, cupholder inserts and floor mats
- Ford previously pioneered the use of soy oil in foam for seat cushions, seatbacks and vehicle headliners; there are more than 2 million Ford, Lincoln and Mercury vehicles on the road today with bio-based foam content.
- **Sustainable solutions**
Ford is a pioneer in the use of biomaterials in vehicles. Ford was the first automaker to demonstrate that soy-based foams could be formulated to pass stringent requirements for automotive applications, starting with seats for the 2008 Ford Mustang and headliners for the 2010 Ford Escape and Mercury Mariner. The new 2011 Ford Explorer will become the 23rd model to feature soy foam.
- With bio foam on more than 2 million vehicles, Ford has annually reduced its petroleum oil usage by more than 3 million pounds and its carbon dioxide emissions by 11 million pounds.

As to corn ... A Mazda exhibit in Japan recently featured interior parts made from high-strength, heat-resistant bioplastic, which contains 88 percent corn-based polylactic acid. (Information available on Ontario BioAuto Council Website)