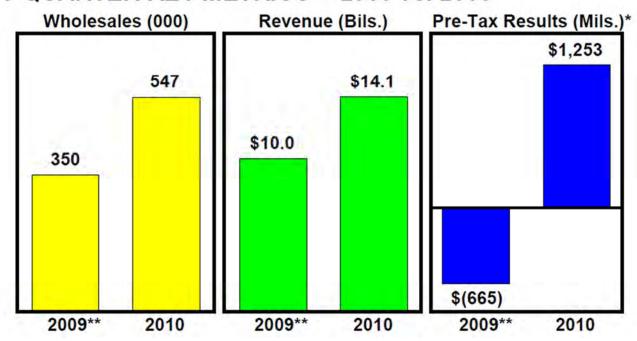


Close



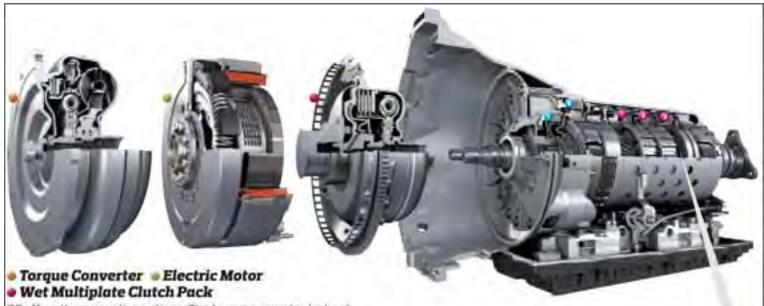
AUTOMOTIVE SECTOR -- FORD NORTH AMERICA FIRST QUARTER KEY METRICS -- 2010 vs. 2009



	-		-	
M	e	т	О	Ε

U.S. Ind. SAAR (Mils.)	9.8	11.2
U.S. Market Share	13.9%	16.6%
U.S. Dealer Inventories	(000)	
- First Quarter	410	405
- O / (U) Prior Quarter	(32)	23

Excludes special items, see Slide 9 and Appendix for reconciliation to GAAP
 Adjusted to reflect the new accounting standard on VIE consolidation, see Appendix for 2009 adjusted data



ZF offers three coupling options. The torque converter locks at 1200 rpm. Inserting an electric motor nets a 25-percent increase in fuel economy, and the wet-plate clutch pack minimizes shift times for performance cars. The transmission can handle a whopping 738 pound-feet, coincidentally the max torque of a Bentley V-B.

Planetary Gears Shifting Elements: Brakes Clutches

The four planetary sets [see yellow dots] are each made up of a sun gear at the center, the planetary gears orbiting that, and a ring gear on the perimeter. For each gear ratio, just two of the five shifting elements are disengaged.



HX-23



Tri Component provides a complete line of Mercedes converter clutch plates and Drive Plates for the 722 transmission series. Effective and trouble free rebuilding of Mercedes converters requires maintaining critical clutch pack clearances. This is now easily achieved by using Tri's selective HX-23-1A 'problem solver' pressure plate and the new 'selective' HX-23-9 friction plate. The HX-23-1A is slightly thicker (2.00 mm vs 1.78mm) than the original HX-23-1 and allows for completing the converter setup where overall greater thickness is required.





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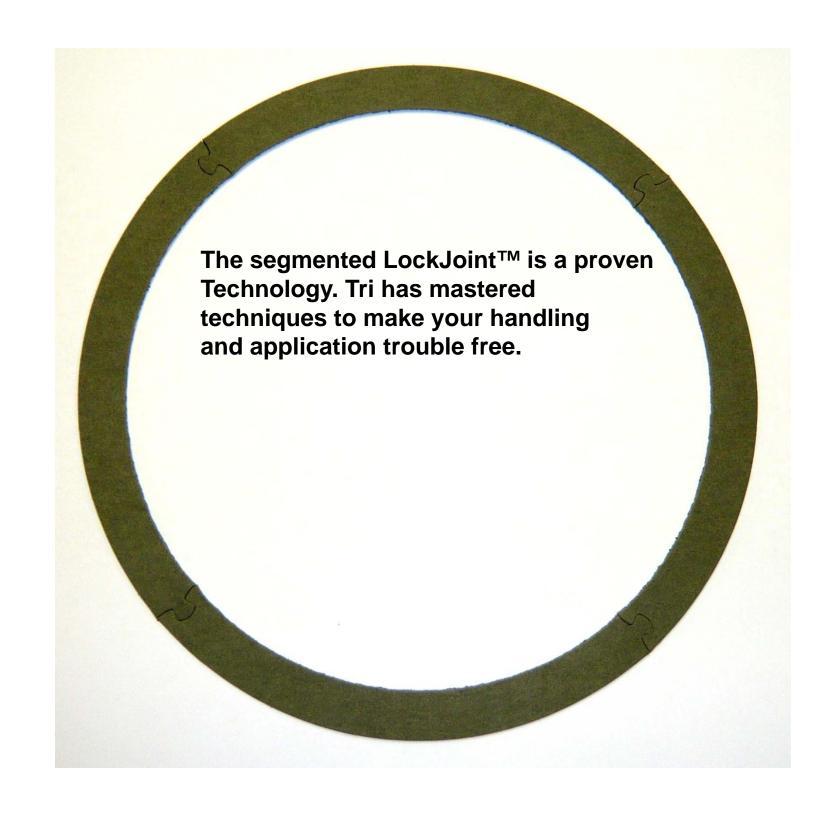
CHRYSLER



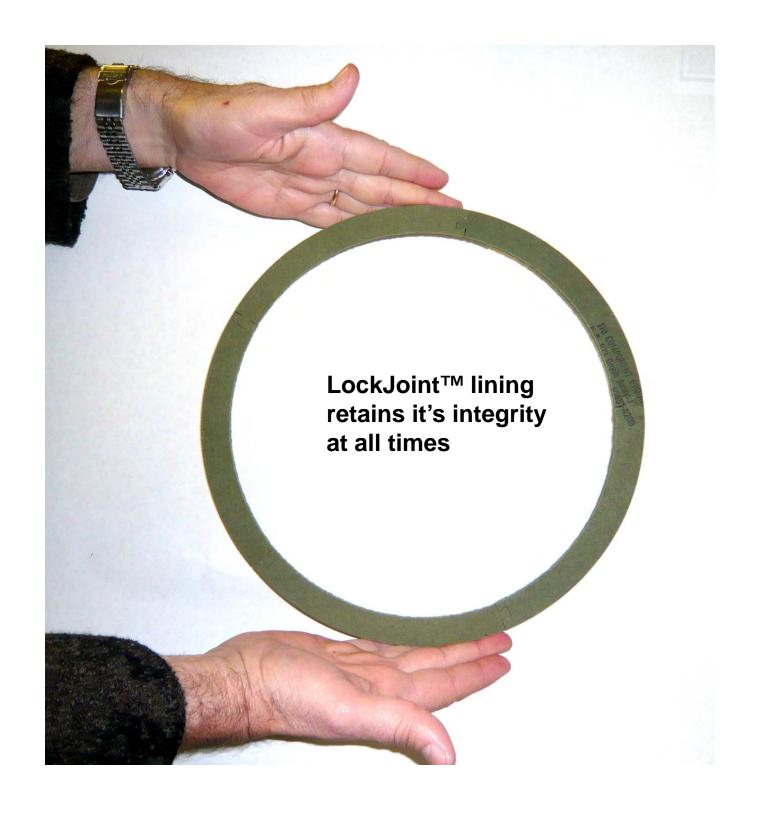
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