

AF28.19-U-6000A	Transmission in limp-home mode, diagnostic trouble code P1831	17.8.99
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**MODEL 163.136 /154 /172 #A up to 073780**

Damage code	Cause	Remedy	
28 164 74	Position sensor failure in transfer case shift motor (A55)	1 Replace transfer case shift motor	<a href="#">AR28.19-P-1004GH</a>
	<b>i</b> Fault code <b>P1831</b> in transfer case control module (N78).	2.1 Verify installation of updated transfer case control module (N78)	<a href="#">AF28.19-U-2430A</a>
	Fault code <b>P0700</b> (Read ETC memory) may be present in ME- control module (N3/10), and in addition fault code <b>041</b> and/or <b>137</b> (CAN fault with instrument cluster) in ETC.6- control module (N15/3).	<b>i</b> All models up to VIN A027490.	
	Codes must be cleared from the ECM and the TCM separately	3 Clear all fault codes with HHT and check for proper operation of transfer case shift functions	

**Parts ordering notes**

Part no.	Designation	Quantity
163 540 04 88	Transfer case shift motor	1