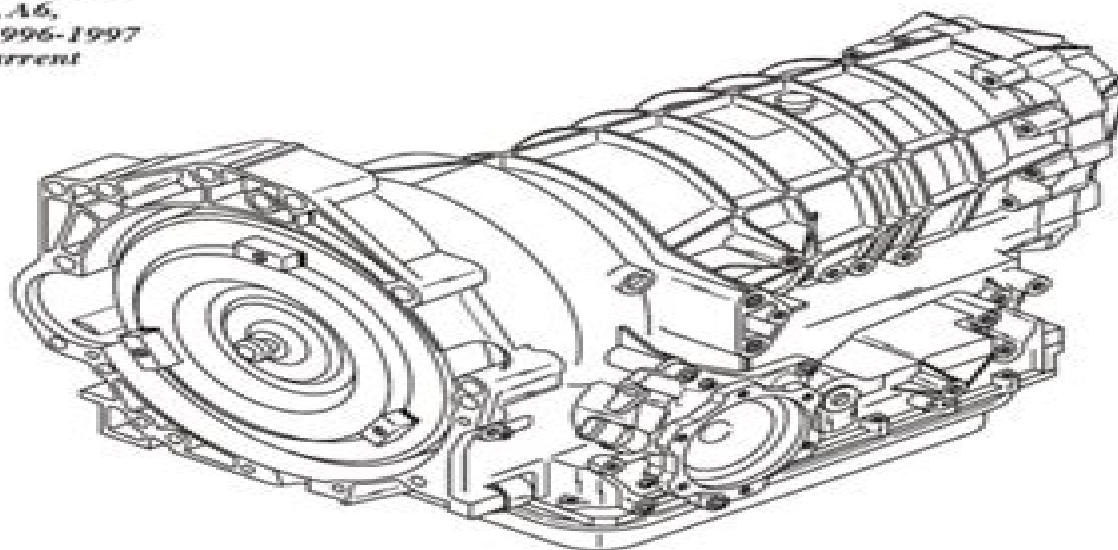


## BMW ZF-5HP-19FL PRELIMINARY INFORMATION

### *FOUND IN:*

*BMW 97-Current, 3 Series E46, 5 Series E39, 7 Series E38,  
Audi 95-Current, A4, A8,  
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Porsche Boxster 1996-1997  
VW Passat 96-Current*



This transmission is manufactured in Germany by ZF and carries the designation ZF-5HP-19..

The ZF-5HP-19 Series is an electronically controlled, five speed automatic transmission with a lock-up clutch type torque converter. Two planetary gear sets, one Ravigneaux gear set and one standard planetary gear set on the output side, four rotating multiple disc clutches, three multiple disc brake clutches, and one sprag clutch (Freewheel) are used to provide the five forward speeds and reverse.

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# Atsg Zf5hp19fl Service Guide

**Rachel S Tattersall**



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## Enjoying the Beat of Term: An Emotional Symphony within **Atsg Zf5hp19fl Service Guide**

In some sort of taken by displays and the ceaseless chatter of fast interaction, the melodic elegance and mental symphony created by the written term often disappear in to the background, eclipsed by the constant sound and interruptions that permeate our lives. However, set within the pages of **Atsg Zf5hp19fl Service Guide** an enchanting literary treasure overflowing with raw thoughts, lies an immersive symphony waiting to be embraced. Constructed by an outstanding musician of language, this captivating masterpiece conducts readers on a mental journey, well unraveling the concealed songs and profound affect resonating within each carefully constructed phrase. Within the depths of this touching assessment, we shall examine the book's main harmonies, analyze their enthralling publishing fashion, and submit ourselves to the profound resonance that echoes in the depths of readers' souls.

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