

## Transmission engagement process

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DD topic 27-90014	Complaint: <b>Double Engagement When Engaging Drive And Starting Off From A Standstill</b>	All
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### Cause/Remedy:

Drain five liters of fluid from the automatic transmission and add one five liter container of the special transmission fluid listed in **Parts Information** below.

### Caution:

This ATF oil must only be used to remedy transmission harsh engagement complaint. Transmissions filled with this oil must be refilled with the same ATF oil when the oil is changed. Affix a notice to this effect on the transmission dipstick tube.



- ▶ Do not exceed either five liters or 70% fill ratio of this special fluid to regular approved transmission fluid.
- ▶ The benefits of this fluid are not immediate. Evaluate any improvement to engagement complaint after vehicle has been driven approx. 500 miles.
- ▶ This fluid is intended for transmissions that have mileage accumulation. This fluid is not to be added to new transmissions.

### Parts Information

Part Number	Part Name	Application	Quantity
001 989 23 03 11	Transmission fluid, 5 liter container	Transmissions 722.3, 722.4, 722.5	1

### Note:

If the engagement quality remains unsatisfactory after changing the fluid and 500 mile evaluation, proceed as follows:

1. Harsh engagement in "D": verify correct Band 2 release clearance or replace Band 2.
2. Only replace outer disc carrier K2 if the profile is worn or if the outer disc carrier K2 is depressed in the middle.

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Complaint: <b>Harsh Engagement Or Double Engagement When Position "D" Or "R" Is Selected</b>	All
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### Cause/remedy:

This complaint is a subjective matter. A slight engagement jerk is normal.

When shifting quickly from "R" - "D" - "R" several times a hard engagement process is normal.

1. Check idling speed and emission levels according to specifications.
2. Check play of B2.
3. Check freedom of movement of Accumulator switching on (53) and Control valve accumulator switching on (58) in shift valve body (for illustration see chapter "Location of components").


TRANSMISSION 722.3 in MODEL 107, 124, 126, 129, 140, 201, 210

TRANSMISSION 722.4 in MODEL 124, 126, 129, 140, 201, 202, 210

TRANSMISSION 722.5 in MODEL 124, 129, 140, 210

## Revisions

26.8.98	Validity updated		
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Damage code	Cause	Remedy	
27 282 35	Friction variations on brake band B2	1 Change oil in transmission  Drain 5 liters of oil only and add 5 liters of new oil. The percentage of new oil should only be approx. 70 %. Automatic transmission fluid with part no. 001 989 07 03/11 should no longer be used.	

## Service products for repair

Part no.	Designation	Quantity
001 989 23 03/11	AT fluid	