Installation Guide

Oil Pan 24 15 2 333 907 PRM for ZF GA6HP19/21 Transmission

STEP 1

Drain and remove old pan per **ZF Oil Change Service** instructions. **Check pan for metal shavings**, which indicate internal transmission damage. Repair all damage prior to oil change.

STEP 2

Clean sealing area on underside of transmission. Verify that new pan is completely clean on the inside, and new gasket is properly positioned on pan flange.

STEP 3

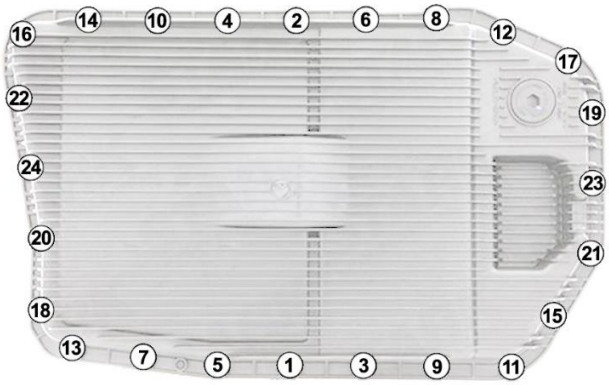
Lubricate o-ring on suction tube with a dab of silicone grease (or drop of fresh transmission fluid).

STEP 4

Guide suction tube into transmission bore and hold pan in position. Using new fasteners, thread bolts until finger-tight. Check perimeter of flange gasket to verify that it is in proper position.

STEP 5

Gradually tighten bolts in criss-cross pattern, crosswise from center outward, per the below tightening pattern. After completing the torque pattern to approximately 2 Nm, perform a final torque to **4 Nm + 45°**, per ZF recommendation for aluminum transmission pans.



STEP 6

Fill and top-off transmission fluid in exact accordance with **ZF Lubrication List TEML 11** and **ZF 6HP 19/21 Oil Change Service** procedure, which can be found online. Not following official ZF procedure, or using any fluid other than the correct ZF-brand lubricant, will result in **Diagnostic Trouble Codes** (DTC's) and **failure to shift between gears,** and voids pan warranty.

STEP 7

Resetting **transmission adaptations** per ZF procedure using INPA or ISTA software is **REQUIRED**. Not resetting adaptations will result in **trouble codes** and **failure to shift**.

Installation by a professional technician is recommended. Refer to the factory repair manual for vehicle-specific service procedures for this part. Tighten all hardware to factory torque specifications and observe all repair manual cautions and warnings. Use safety stands whenever beneath a vehicle and always wear protective eyewear.