



HYUNDAI Technical Service Bulletin

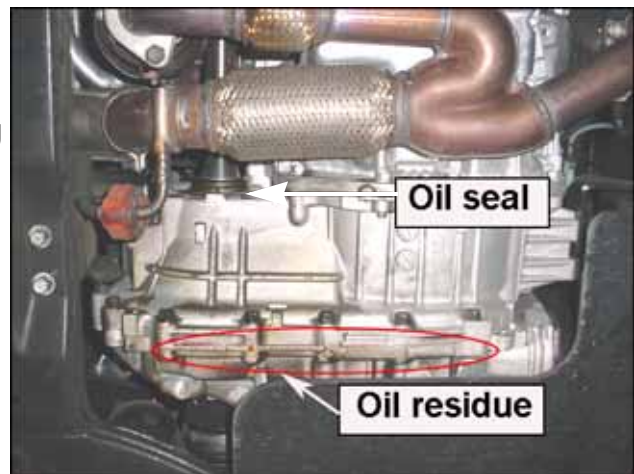
Group	TRANSAXLE
Number	06-40-012
Date	JULY, 2006
Model	ALL

Subject
OIL LEAK FROM DIFFERENTIAL OIL SEALS

CIRCULATE TO:	<input type="checkbox"/> GENERAL MANAGER	<input checked="" type="checkbox"/> PARTS MANAGER	<input checked="" type="checkbox"/> TECHNICIAN
<input checked="" type="checkbox"/> SERVICE ADVISOR	<input checked="" type="checkbox"/> SERVICE MANAGER	<input checked="" type="checkbox"/> WARRANTY MGR	<input type="checkbox"/> SALES MANAGER

DESCRIPTION:

An oil leak from the differential oil seals or other sources may collect on the underside of the automatic transaxle near the joint between the torque converter housing and case housing. The oil residue may give the appearance of an oil leak at the joint.



NOTE: Follow the repair procedure below before making a repair decision.

REPAIR PROCEDURE:

1. Use a shop rag and solvent to remove the oil residue from the bottom of the transaxle.
2. Using a shop light, carefully check for oil leakage from the differential oil seals and other locations on the transaxle.
3. If the source of the oil leak is not conclusive, add a tracer dye to the automatic transaxle fluid and allow the engine to run at idle in Park for 10-20 minutes. Use a black light to check for oil leakage from the differential oil seals and other locations on the transaxle. The dye and black light are available from parts stores or SPX (800-336-6687):
 - SPX Universal black light, #J-28428-100A or equivalent
 - SPX Tracer dye, #J28431-6 or equivalent
4. Refer to the appropriate shop manual and repair the oil leak. Test drive the vehicle and confirm no oil leaks occur.

PARTS INFORMATION:

VEHICLE	PART NUMBER	DESCRIPTION
1999~ Sonata	43119-39011	Differential oil seal
2001~ Elantra		
2001~ Santa Fe		
2001~ XG300/350		
2003~ Tiburon		
2005~ Tucson		
2006~ Azera		
2007~ Entourage		

VEHICLE	PROD. DATE	PART NUMBER	DESCRIPTION
2000~ Accent	07/18/1994~08/07/2004	43119-28002	Oil seal (rubber)
	08/07/2004~	43119-28003	Oil seal (steel-back)

WARRANTY INFORMATION:

MODEL	OPERATION CODE	OPERATION	OP. TIME	OP. QTY	CAUSAL P/N	NATURE CODE	CAUSE CODE
1999~ Sonata 2001~ Elantra 2001~ Santa Fe 2001~ XG 2003 Tiburon 2005~ Tucson	45611R00	Oil seal (LH)	0.7	1	43119-39011	*N87	**C38
	45611R0B	Oil seal (both)	1.0	2			
	45611R0R	Oil seal (RH)	0.7	1			

MODEL	OPERATION CODE	OPERATION	OP. TIME	OP. QTY	CAUSAL P/N	NATURE CODE	CAUSE CODE
1995~ Accent	45611R00	Oil seal (LH)	0.6	1	43119-23003	*N87	**C38
	45611R0B	Oil seal (both)	1.0	2			
	45611R0R	Oil seal (RH)	0.6	1			

*N87: Oil leak, entering

**C38: Improper sealing