HYUNDAI

ATM DIAGNOSIS WORKSHEET

SERVICE ADVISOR'S SECTION

V.I.N. ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐ Mileage ☐☐☐☐☐☐

R.O. ☐☐☐☐☐☐ Repair Date ☐☐/☐☐/☐☐ Dealer Code ☐☐☐☐☐

SYMPTOM

What is the specific condition/concerns? _____

How long has it been happening? _____

How often does it occur: ❒ Always ❒ Sometimes ❒ Intermittent When: ❒ Hot ❒ Cold

Has the car been in for this condition before: ❒ Yes ❒ No

Can you duplicate the condition: ❒ Yes ❒ No How: _____

Test Drive Results: _____

TECHNICIAN'S DIAGNOSIS SECTION

What is the specific condition code? ☐☐☐ **MUST BE ENTERED TO RECEIVE CREDIT** (Refer to ATM Condition Codes chart)

A.T. FLUID

Level _____ **(ATM in Park)**

Smell _____ Color _____

LEAKS: LOCATION

_____

GDS CODES

(From Engine & Trans Menu)

_____

_____

STALL TEST

D _____ RPM

L _____ RPM

R _____ RPM

STALL TEST WITH A/T TESTER OR AS PER 09-AT-008

	OK	SLIPS
1st Gear	☐	☐
2nd Gear	☐	☐
3rd Gear	☐	☐
4th Gear	☐	☐
5th Gear	☐	☐
6th Gear	☐	☐
TCC Lockup	☐	☐

*** Required for:**

- Abnormal shift, slipping
- No upshift or downshift
- Delayed engagement
- Incorrect lockup clutch operation

COMPLETE FOR DRIVEABILITY CONCERNS

DATA (From Trans Menu)

TPS (idle) _____ % / V

TPS (WOT) _____ % / V

OIL TEMPERATURE SENSOR:

ATF (Cold) _____

(Normal: Same as outside air)

ATF (Hot) _____

(Normal: 70°C [176° – 194°F])

SONATA HYBRID VEHICLE:

Electric oil pump operates in P: Yes ☐ No ☐

Movement in electric mode: Yes ☐ No ☐

Movement in gas engine mode: Yes ☐ No ☐

If this is the 1st transmission replacement for a 6-speed transmission or 2nd Reman Repair on the same VIN, ***STOP*** *and Contact Hyundai Technical Assistance Line (800-325-6604) for Case #* ***or*** *DPSM for Authorization #.*

Trans. Serial # (old): ☐☐☐☐☐ – ☐☐☐☐☐☐

Case # ☐☐☐☐☐☐☐

Authorization # ☐☐☐☐☐☐☐

Service Manager's Signature: _____

Technician Social Security Number (last 4 digits **ONLY**): ☐☐☐☐

Attach top copy of this form to Core Return Checklist, retain bottom copy of this form with the R.O.

SAVE COMPLETED FORM | PRINT COMPLETED FORM | RESET

HYUNDAI

ATM DIAGNOSIS WORKSHEET

ATM CONDITION CODES

CODE	DESCRIPTION
	SLIPS
100	Slips in Reverse
101	Slips in Drive
102	Slips in 1st gear
103	Slips in 2nd gear
104	Slips in 3rd gear
105	Slips in 4th gear
106	Slips in 5th gear
	SLIPS/FLARES BETWEEN GEARS
110	Slips/flares 1-2 shift
111	Slips/flares 2-3 shift
112	Slips/flares 3-4 shift
113	Slips/flares 4-5 shift
114	Slips/flares 5-4 downshift
115	Slips/flares 4-3 downshift
116	Slips/flares 3-2 downshift
117	Slips/flares 2-1 downshift
	SHIFT SHUDDER
120	Shudder into Drive
121	Shudder into Reverse
122	Shudder 1-2 shift
123	Shudder 2-3 shift
124	Shudder 3-4 shift
125	Shudder 4-5 shift
126	Shudder during acceleration from stop
127	Shudder - Other (Specify)
	SHIFTS ERRATIC/UP OR DOWN TOO OFTEN
130	Erratic upshift (specify)
131	Erratic downshift (specify)
132	Erratic shift - other (specify)
	CHECK ENGINE LIGHT ON
140	Check engine light on - “Engine” menu (specify DTC)
141	Check engine light on - “Trans” menu (specify DTC)
	LEAKS
150	Leaks at oil pump/bellhousing
151	Leaks at case (specify location)
152	Leaks at differential oil seal (specify left or right)
153	Leaks between transaxle and transfer case
154	Leaks between case halves
155	Leaks at rear cover
156	Oil leak due to crack in case (specify location)
157	Other leak (specify)

CODE	DESCRIPTION
	CASE BROKEN/CRACKED
160	Converter case broken/cracked (specify location)
161	Transaxle case broken/cracked (specify location)
	WILL NOT MOVE
170	Will not move in Reverse
171	Will not move in Drive/No forward gears
	SHIFTS HARSH or ROUGH/BANGS/JERKS
180	Harsh shift in Drive
181	Harsh shift into Reverse
182	Harsh 1-2 shift
183	Harsh 2-3 shift
184	Harsh 3-4 shift
185	Harsh 4-5 shift
186	Harsh downshift 5-4
187	Harsh downshift 4-3
188	Harsh downshift 3-2
189	Harsh downshift 2-1
	DELAYED SHIFT
190	Delayed shift into Drive
191	Delayed shift into Reverse
192	Delayed 1-2 shift
193	Delayed 2-3 shift
194	Delayed 3-4 shift
195	Delayed 4-5 shift
196	Delayed 5-4 shift
197	Delayed 4-3 shift
198	Delayed 3-2 shift
199	Delayed 2-1 shift
	WON’T SHIFT/STUCK IN GEAR
200	Won’t shift in Drive
201	Stuck in 1st gear
202	Stuck in 2nd gear (specify DTC)
203	Stuck in 3rd gear fail-safe (specify DTC)
204	Won’t shift - other (specify)
	NOISE
220	Noise in 1st gear
221	Noise in 2nd gear
222	Noise in 3rd gear
223	Noise in 4th gear
224	Noise in 5th gear
225	Noise in reverse
226	Noise during acceleration/deceleration
227	Whine noise (specify road speed)
228	Noise from differential (specify road speed)
229	Noise - other (specify)

Reorder Part Number NP150-07006 1/11
(Order quantity of 1 on DCS to receive 50 sets in a pad)