

Hondamatic

Troubleshooting

PROBLEM		REFER TO:
Engine runs but car does not move	7, 9, 10, 11, 12, 13, 14, 25	1. Damaged low gear
Car does not move in L (OK in ☆ and OD)	1, 2, 3	2. Faulty low clutch
Car does not move in ☆ (OK in L and OD)	3, 4, 13	a. Stuck clutch piston
Car does not move in R (OK in L , OD and ☆)	11, 13, 16	b. Damaged clutch O-ring
(Car does not move in OD (OK in ☆ and L)	5, 6, 13	c. Damaged clutch feed pipe or O-ring
Poor acceleration.		d. Foreign matter stuck in check valve
— Stall rpm high in L and ☆ , OD	7, 9, 10, 13	e. Worm or burnt clutch disc
— Stall rpm high in L	2, 13	3. Damaged 2nd gear
— Stall rpm high in ☆	4, 13	4. Faulty ☆ clutch
— Stall rpm high in OD	5, 6, 13	a. Stuck clutch piston
— Stall rpm OK	8, 18	b. Damaged clutch O-ring
— Stall rpm low	18, 19, 21	c. Damaged clutch feed pipe or O-ring
Engine races in shift from L → ☆ (Shift point OK)	4, 24	d. Foreign matter stuck in check valve
Engine races in shift from ☆ → OD (Shift point OK)	6, 24	e. Worm or burnt clutch disc
Car creeps forward in N (Shift cable adjusted correctly)	2, 4, 6, 8, 22, 23, 24	5. Damaged 3rd gear
Lock-up clutch does not engage.		6. Defective OD clutch
— In ☆ and OD	15, 17, 26, 27, 28, 29	a. Stuck clutch piston
— Only in ☆ (engages in OD)	26	b. Damaged clutch O-ring
— Only in OD (engages in ☆)	26	c. Foreign matter stuck in clutch check valve
Lock-up clutch does not disengage.		d. Damaged clutch feed pipe or O-ring
— In L	26, 27	e. Worm or burnt clutch disc
Harshness in lock-up mode.		7. ATF level too low
— When accelerator pedal is returned	15, 20, 28	8. ATF level too high
— When lock-up clutch is on	30	9. Faulty ATF pump
Vibration in lock-up mode		10. Stuck regulator valve or damage spring
— Vibration disappears when lock-up clutch is off	15, 17, 20, 30	11. Stuck servo shaft
Lock-up point too high in cruise: (Check if lock-up speed is normal by gradually accelerating on flat surface)	15, 20	12. Damaged mainshaft
Lock-up clutch does not disengage.		13. Manual shift out of adjustment (broken cable, loose end pin)
— When accelerator pedal is returned (Disengaged in L).	15, 20	14. Damaged final gear
		15. Improperly adjusted throttle control cable at transmission
		16. Damaged reverse gear
		17. Faulty governor valve
		18. Burnt or seized torque converter one-way clutch
		19. Improperly adjusted throttle cable at carburetor
		20. Defective throttle valve
		21. Lack of engine power
		22. Burnt needle bearing
		23. Burnt thrust washer
		24. Improper clutch clearance
		25. Broken or warped drive plate, torque converter not fully seated
		26. Foreign matter stuck in lock-up timing valve
		27. Foreign matter stuck in lock-up shift valve
		28. Foreign matter stuck in governor cut-off valve
		29. Foreign matter stuck in torque converter check valve
		30. Foreign matter stuck in lock-up control valve