

General Troubleshooting

| Problem | Possible cause | Remedy | Page |
|---|---|---|---|
| Fluid discolored or smells burnt | Fluid contaminated Torque converter clutch faulty Transmission faulty | Replace fluid Replace torque converter clutch Disassemble and inspect transmission | AT-115 AT-162 ★ |
| Vehicle does not move in any forward position or reverse | Manual linkage out of adjustment Valve body or primary regulator faulty Parking lock pawl faulty Torque converter clutch faulty Converter drive plate broken Oil pump intake screen blocked Transmission faulty | Adjust linkage Inspect valve body Inspect parking lock pawl Replace torque converter clutch Replace drive plate Clean screen Disassemble and inspect transmission | AT-116 ★ AT-158 AT-162 AT-162 ★ ★ |
| Shift lever position incorrect | Manual linkage out of adjustment Manual valve and lever faulty Transmission faulty | Adjust linkage Inspect valve body Disassemble and inspect transmission | AT-116 ★ ★ |
| Harsh engagement into any drive position | Throttle cable out of adjustment Valve body or primary regulator faulty Accumulator pistons faulty Transmission faulty | Adjust throttle cable Inspect valve body Inspect accumulator pistons Disassemble and inspect transmission | AT-116 ★ ★ ★ |
| Delayed 1-2, 2-3 or 3-0/1) up-shift, or down-shifts from O/D-3 or 3-2 and shifts back to O/D or 3 | Electronic control faulty Valve body faulty Solenoid valve faulty | Inspect electronic control Inspect valve body Inspect solenoid valve | AT-120 ★ ★ |
| Slips on 1-2, 2-3 or 3-0/D up-shift, or slips or shudders on acceleration | Manual linkage out of adjustment Throttle cable out of adjustment Valve body faulty Solenoid valve faulty Transmission faulty | Adjust linkage Adjust throttle cable Inspect valve body Inspect solenoid valve Disassemble and inspect transmission | AT-116 AT-116 ★ ★ ★ |
| Drag, binding or tie-up on 1-2, 2-3 or 3-O/D up-shift | Manual linkage out of adjustment Valve body faulty Transmission faulty | Adjust linkage Inspect valve body Disassemble and inspect transmission | AT-116 ★ ★ |

Remark *: Refer to A340H Automatic Transmission Repair Manual. (Pub. No. RM271U)

General Troubleshooting (Cont'd)

| Problem | Possible cause | Remedy | Page |
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| No lock-up in 2nd, 3rd or O/D | Electronic control faulty Valve body faulty Solenoid valve faulty Transmission faulty | Inspect electronic control Inspect valve body Inspect solenoid valve Disassemble and inspect transmission | AT-120 ★ ★ ★ |
| Harsh down-shift | Throttle cable out of adjustment Throttle cable and cam faulty Accumulator pistons faulty Valve body faulty Transmission faulty | Adjust throttle cable Inspect throttle cable and cam Inspect accumulator pistons Inspect valve body Disassemble and inspect transmission | AT-116 AT-116 ★ ★ ★ |
| No down-shift when coasting | Valve body faulty Solenoid valve faulty Electronic control faulty | Inspect valve body Inspect solenoid valve Inspect electronic control | ★ ★ AT-120 |
| Down-shift occurs too quickly or too late while coasting | Throttle cable faulty Valve body faulty Transmission faulty Solenoid valve faulty Electronic control faulty | Inspect throttle cable Inspect valve body Disassemble and inspect transmission Inspect solenoid valve Inspect electronic control | AT-116 ★ ★ ★ AT-120 |
| No O/D-3, 3-2 or 2-1 kick-down | Solenoid valve faulty Electronic control faulty Valve body faulty | Inspect solenoid valve Inspect electronic control Inspect valve body | ★ AT-120 ★ |
| No engine braking in 2 or L position | Solenoid valve faulty Electronic control faulty Valve body faulty Transmission faulty | Inspect solenoid valve Inspect electronic control Inspect valve body Disassemble and inspect transmission | ★ AT-120 ★ ★ |
| Vehicle does not hold in P | Manual linkage out of adjustment Parking lock pawl cam and spring faulty | Adjust linkage Inspect cam and spring | AT-116 AT-158 |
| No H2-H4, H4-L4, L4-H4 or H4-H2 change gear position of transfer | Transfer linkage out of adjustment Electronic control faulty Transfer valve body faulty Transfer faulty | Adjust linkage Inspect electronic control Inspect valve body Disassemble and inspect transfer | AT-116 AT-120 ★ ★ |

Remark *: Refer to A340H Automatic Transmission Repair Manual. (Pub. No. RM271 U)