

14-47. RESTRAINT SYSTEM.

a. Inspections.

1. Shoulder Harness:

- (a) Inspect ends and attachment points for condition and security.
- (b) Inspect harness web material for condition and wear over its entire length. Particularly look for wear and fraying where harness web passes in and out of inertial reel. If excessively worn, replace.
- (c) Check inertia reel mechanism by pulling sharply on strap. Verify reel will lock in place under sudden stress.

2. Lap Belt:

- (a) Inspect ends and attachment points for condition and security.
- (b) Inspect harness web material for condition and wear over its entire length. Particularly look for wear and fraying where harness web passes in and out of adjustable buckle end. If excessively worn, replace.
- (c) Inspect shoulder harness keeper nylon bushing. If excessively worn or missing, replacement of that half of the lap belt is required.

b. Inertial Reel Adjustment.

The inertial reel locking feature prevents the shoulder strap from extending and holds occupant in place. For normal movement strap will extend and retract as required. If required, adjust inertial reel as follows:

1. Allow harness to wind up on reel as much as possible.
2. On end of reel, pry off plastic cover over spring. Make sure spring does not come out of plastic cover. Set aside plastic cover.
3. Unwind the harness completely. Measure and mark the harness 24 inches from the reel center.
4. Wind harness onto reel until the 24-inch mark is reached. Hold reel and place cap with spring over reel shaft end.
5. Align slot in shaft with spring tang. Wind spring 6 1/2 turns and snap plastic cover into holes in reel end shaft.
6. Release harness and allow harness to wind up. Extend harness several times to check reel for smooth operation.
7. Hold inertia reel with reel completely wound and inertia mechanism end up. Pry off plastic cover over mechanism and set reel aside.
8. Install nut in plastic cover so that stud in cover is flush with nut surface. Position cover over reel and snap cover into place. Extend harness several times to ensure reel operates smoothly.

14-48. OVERHEAD VENT BLOWER.

14-49. DESCRIPTION. The blower is mounted in the aft section of the fuselage and is connected to the overhead vent system. The blower draws air in from the dorsal fin and forces it through the ducting, whenever desired. The four position blower switch on the instrument panel controls the three speed blower.

14-50. REMOVAL OF BLOWER ASSEMBLY.

- a. Remove the access door from the aft wall of the baggage area.
- b. With the master switch off, disconnect the plug assemblies at the blower assembly.