

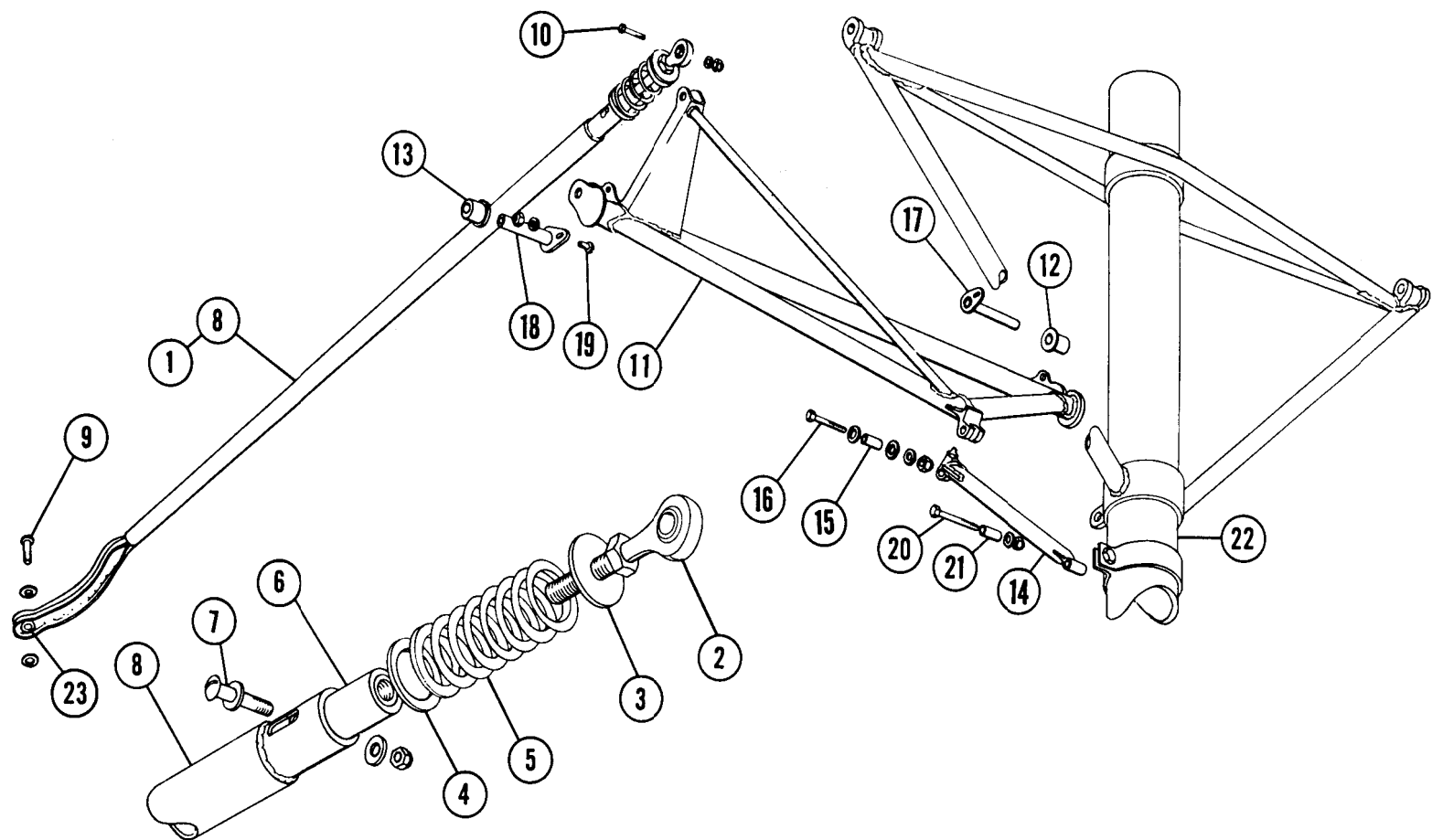


Figure 42. Landing Gear Retract Mechanism

MODEL 35 THRU G35 PARTS CATALOG

| FIG. &<br>INDEX<br>NO. | PART<br>NO.   | DESCRIPTION                                   | UNITS<br>PER<br>ASSY | USABLE<br>ON<br>CODE |
|------------------------|---------------|-----------------------------------------------|----------------------|----------------------|
|                        |               | 1 2 3 4 5 6 7                                 |                      |                      |
| 42 - 1                 | 35-815125-2   | ROD ASSY,LH RETRACT . . . . .                 | 1                    |                      |
|                        | 35-815125-4   | ROD ASSY,RH RETRACT . . . . .                 | 1                    |                      |
| - 2                    | HM-6          | . END,ROD RETRACT . . . . .                   | 1                    |                      |
|                        | AN316-6R      | . NUT,ROD END LOCK. . . . .                   | 1                    |                      |
| - 3                    | 100951S063YU  | . WASHER,SPRING RETAINING . . . . .           | 1                    |                      |
| - 4                    | 100951S063ZP  | . WASHER,SPRING RETAINING . . . . .           | AR                   |                      |
| - 5                    | 45-815091     | . SPRING,RETRACT ROD SHOCK. . . . .           | 1                    |                      |
| - 6                    | 35-815131     | . PLUNGER ASSY,RETRACT ROD. . . . .           | 1                    |                      |
| - 7                    | AN394-33      | . PIN,SHOCK SPRING ADJUSTING. . . . .         | 1                    |                      |
|                        | AN960D416L    | . WASHER,SHOCK SPRING ADJUSTING . . . . .     | 1                    |                      |
|                        | AN380-2-2     | . PIN,SHOCK SPRING ADJUSTING. . . . .         | 1                    |                      |
| - 8                    | 35-815125-12  | . SECTION,LH GEAR RETRACT ROD . . . . .       | 1                    |                      |
|                        | 35-815125-14  | . SECTION,RH GEAR RETRACT ROD . . . . .       | 1                    |                      |
|                        | LS-6          | . BEARING . . . . .                           | 1                    |                      |
| - 9                    | AN26-22       | BOLT,ACTUATOR ROD ATTACHING . . . . .         | 1                    | AB                   |
|                        | AN26-23       | BOLT,ACTUATOR ROD ATTACHING . . . . .         | 1                    | CDEFG                |
|                        | AN960-616     | WASHER. . . . .                               | 1                    | AB                   |
|                        | AN960-616     | WASHER. . . . .                               | 2                    | CDEFG                |
|                        | AN960-616L    | WASHER. . . . .                               | 1                    | AB                   |
|                        | AN310-6       | NUT . . . . .                                 | 1                    |                      |
| - 10                   | AN6-11A       | BOLT,ACTUATOR ROD ATTACHING . . . . .         | 1                    |                      |
|                        | AN960-616     | WASHER,ACTUATOR ROD ATTACHING . . . . .       | 1                    |                      |
|                        | AN365-624     | NUT,ACTUATOR ROD ATTACHING. . . . .           | 1                    |                      |
|                        | 35-815155 SA2 | BRACE ASSY,MAIN GEAR LH . . . . .             | 1                    |                      |
|                        | 35-815155 SA3 | BRACE ASSY,MAIN GEAR RH . . . . .             | 1                    |                      |
| - 11                   | 35-815102     | . BRACE ASSY,LH MAIN GEAR . . . . .           | NP                   |                      |
|                        |               | /SOLD WITH INDEX 14 IN MATCHED SETS/          |                      |                      |
|                        | 35-815102-1   | . BRACE ASSY,RH MAIN GEAR . . . . .           | NP                   |                      |
|                        |               | /SOLD WITH INDEX 14 IN MATCHED SETS/          |                      |                      |
| - 12                   | 35-115062     | . BUSHING,RETRACT LEG . . . . .               | 1                    |                      |
| - 13                   | 35-115184     | . BUSHING,RETRACT LEG . . . . .               | 1                    |                      |
| - 14                   | 35-815129     | . LEG ASSY,LOWER LIFT . . . . .               | NP                   |                      |
|                        |               | /SOLD WITH INDEX 11 IN MATCHED SETS/          |                      |                      |
|                        | 1646          | . . FITTING,ALEMITE . . . . .                 | 2                    |                      |
|                        | AT-5          | . ROLLER,UPLOCK . . . . .                     | 2                    |                      |
| - 15                   | 35-810122     | . BUSHING,LIFT LEG. . . . .                   | 1                    |                      |
| - 16                   | NAS55-17      | . BOLT,LIFT LEG HINGE . . . . .               | 1                    |                      |
|                        | AN960-516     | . WASHER,LIFT LEG HINGE . . . . .             | 1                    |                      |
|                        | AN960-716     | . WASHER,LIFT LEG HINGE . . . . .             | 2                    |                      |
|                        | AN310-5       | . NUT,LIFT LEG HINGE. . . . .                 | 1                    |                      |
| - 17                   | 35-815120     | PIN,REAR LANDING GEAR HINGE . . . . .         | 1                    |                      |
| - 18                   | 35-815123     | PIN,FRONT LANDING GEAR HINGE. . . . .         | 1                    |                      |
| - 19                   | AN515-8-8     | SCREW,HINGE PIN LOCK. . . . .                 | 2                    |                      |
|                        | AN960-8       | WASHER,HINGE PIN LOCK . . . . .               | 2                    |                      |
|                        | AN365-832     | NUT,HINGE PIN LOCK. . . . .                   | 2                    |                      |
| - 20                   | AN5-22        | BOLT,LIFT LEG HINGE . . . . .                 | 1                    |                      |
|                        | AN960-516     | WASHER,LIFT LEG HINGE . . . . .               | 1                    |                      |
|                        | AN310-5       | NUT,LIFT LEG HINGE. . . . .                   | 1                    |                      |
| - 21                   | 35-815124     | BUSHING,LIFT LEG. . . . .                     | 1                    |                      |
| - 22                   | 35-815080-602 | ABSORBER ASSY,LH LANDING GEAR SHOCK . . . . . | 1                    | AB                   |
|                        | 35-815080-603 | ABSORBER ASSY,RH LANDING GEAR SHOCK . . . . . | 1                    |                      |
| - 23                   | LS-6          | BEARING . . . . .                             | 1                    |                      |