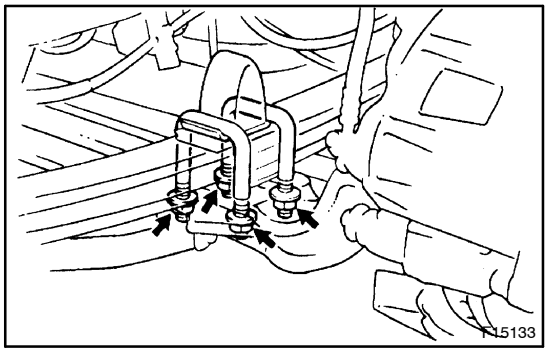
260D5–01

OVERHAUL

1. REMOVE FRONT WHEEL LH

2. REMOVE FRONT SHOCK ABSORBER

3. REMOVE FRONT STABILIZER BAR (W/ STABILIZER)

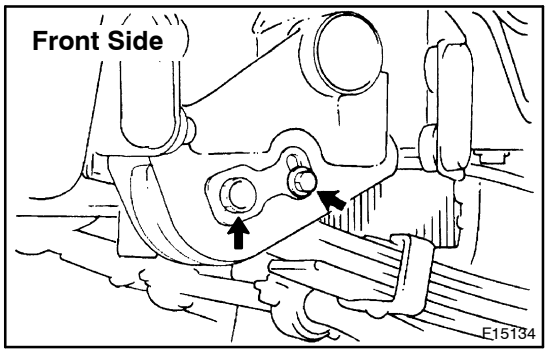


4. REMOVE U–BOLT

(a) Standard cab (w/o Stabilizer):
Remove the 4 nuts, 2 U–bolts and spring bumper.

(b) Standard cab (w/o Stabilizer):
Remove the 4 nuts, stabilizer end bracket, 2 U–bolts and spring bumper.

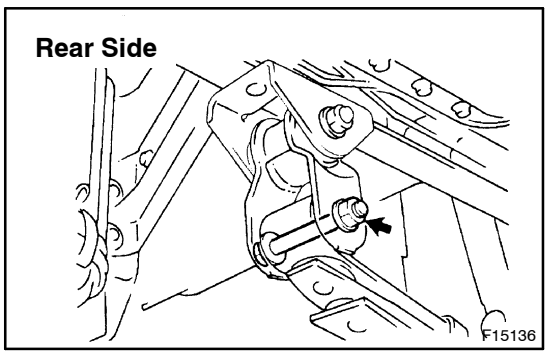
(c) Wide cab:
Remove the 4 nuts, shock absorber lower bracket, 2 U–bolts and spring bumper.



5. REMOVE FRONT SPRING ASSY LH

(a) Remove the bolt and lock plate.

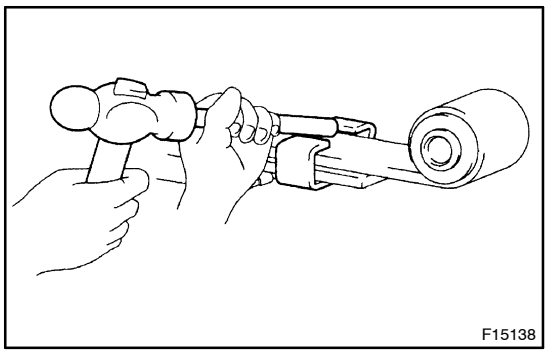
(b) Remove the nut, washer and through bolt on the front end.



(c) Remove the nut, washer, through bolt and spring on the rear end.

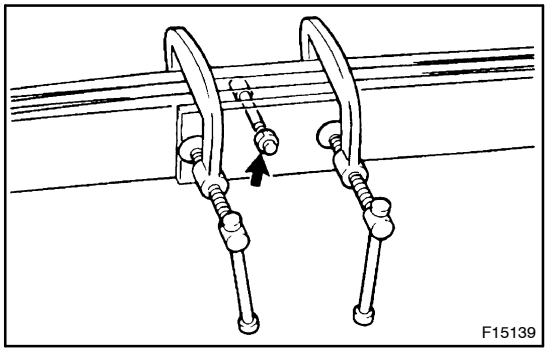
6. REMOVE FRONT SPRING SHACKLE SUB–ASSY NO.1

(a) Remove the nut, washer, through bolt and spring shackle.

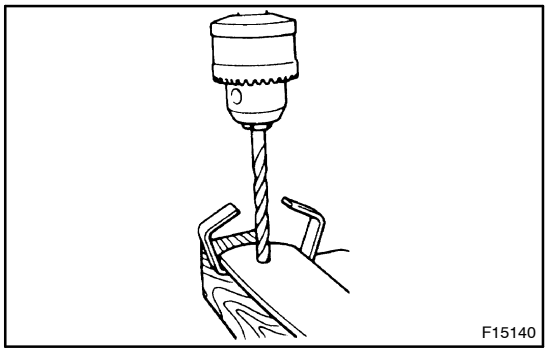


7. DISASSEMBLE FRONT SPRING ASSY LH

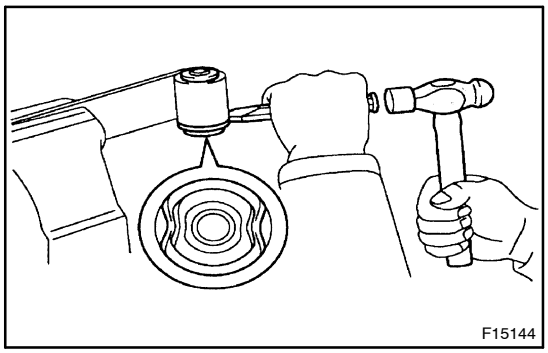
(a) Using a hammer and brass bar, tap out the 2 spring clips.



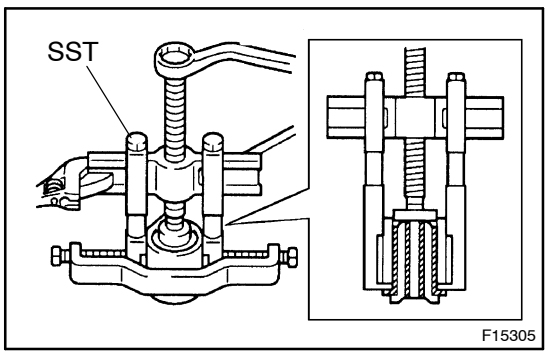
(b) Fix the spring with a vise, as shown in the illustration.
(c) Remove the nut, center bolt and spacers, inter leafs and springs.



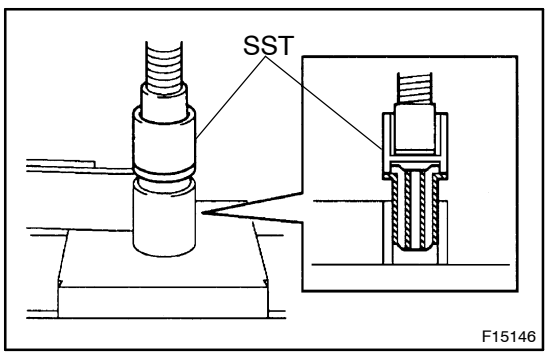
(d) Using a drill, remove the revet and spring clip.



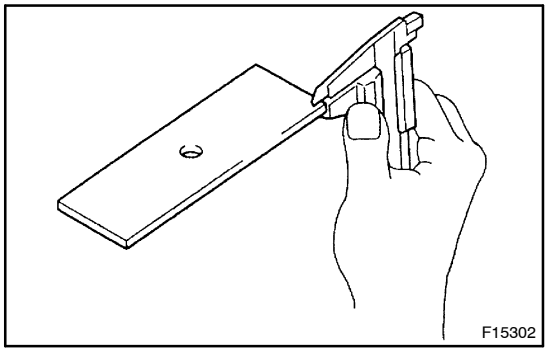
8. REPLACE BUSH
(a) Fix the spring with a vise.
(b) Using a chisel and hammer, bend the bush rib in 2 places.



(c) Using SST, remove the bush.
SST 09950–40011 (09951–04010, 09952–04010, 09953–04020, 09954–04010, 09955–04051, 09957–04010, 09958–04011), 09950–60010 (09951–00300)



(d) Using SST and a press, press in a new bush.
SST 09726–27012 (09726–02041)

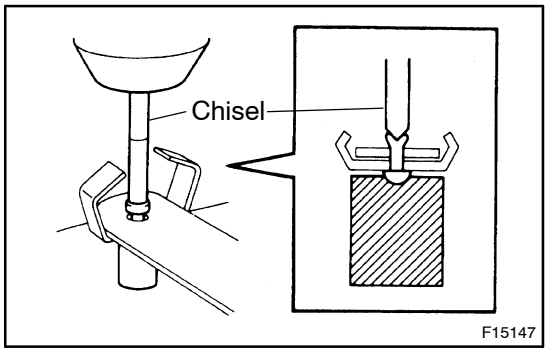


9. INSPECT FRONT SPRING ASSY LH

(a) Using vernier calipers, measure the inter leaf thickness.
Thickness:

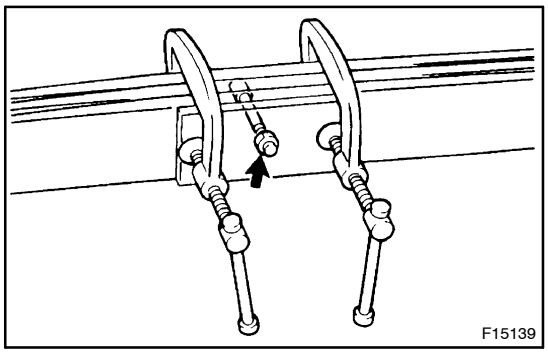
Standard	1.0 mm (0.04 in.)
Minimum	0.5 mm (0.02 in.)

If the thickness is less than the minimum, replace the inter leaf.

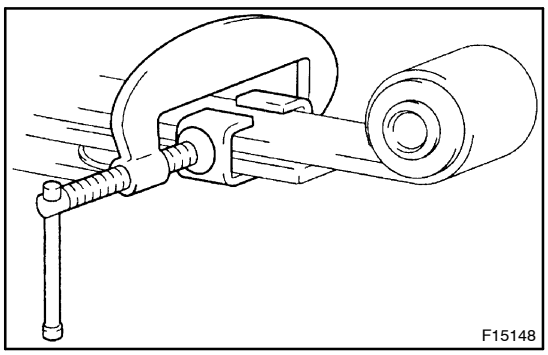


10. ASSEMBLE FRONT SPRING ASSY LH

(a) Install the spring clip with a new rivet.
(b) Using a chisel and press, caulk the rivet.
(c) Check that the spring clip is not loose.
(d) Install the spacers and inter leafs between the springs.



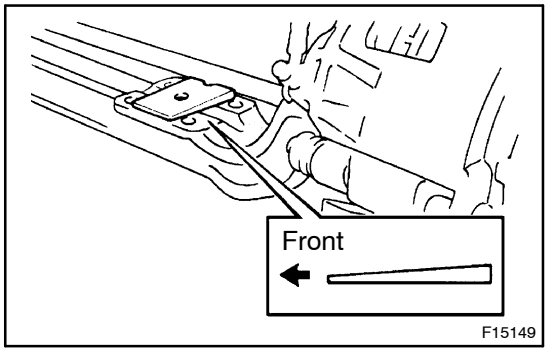
(e) Fix the springs with a vise and install the center bolt and nut.
Torque: 44 N·m (450 kgf·cm, 32 ft·lbf)



(f) Using a vise, caulk the 2 spring clips.
(g) Check that there is no gap between the spring clip and spring side.

11. INSTALL FRONT SPRING SHACKLE SUB–ASSY NO.1

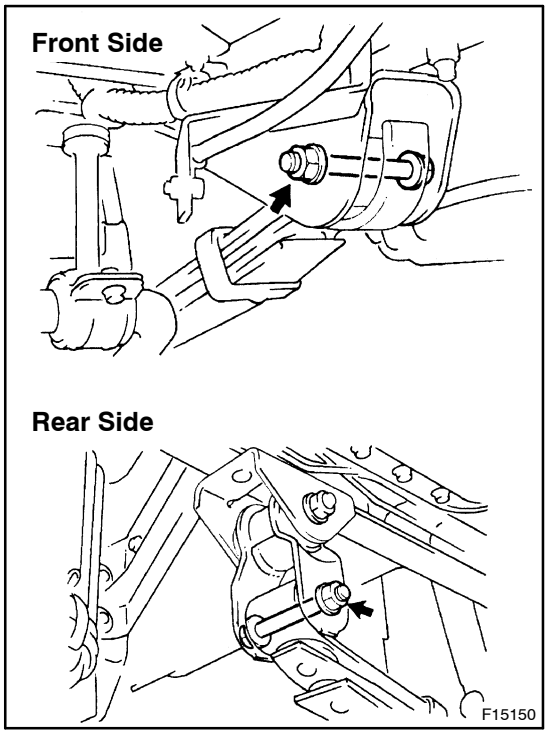
(a) Install the spring shackle with the through bolt, washer and nut.



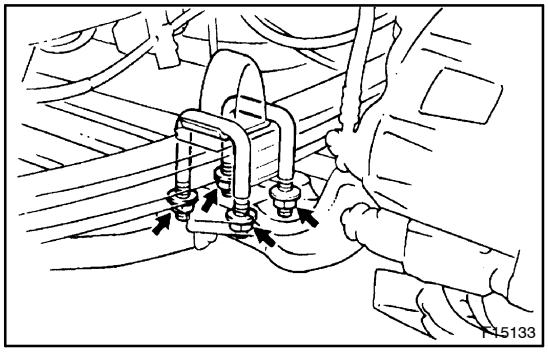
12. INSTALL FRONT SPRING ASSY LH

(a) Install the caster wedge to the I–beam.

(b) Place the spring on the caster wedge.



(c) Install the spring with the 2 through bolts, 2 washers and 2 nuts.



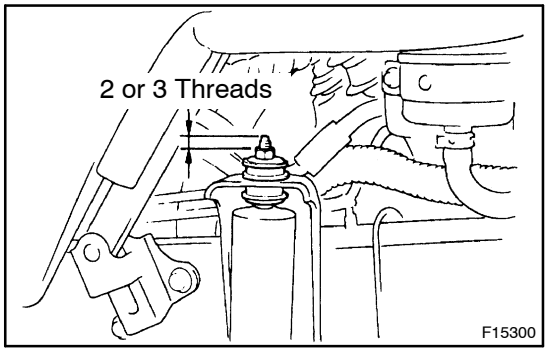
13. INSTALL U–BOLT

(a) w/o Stabilizer:
Install the spring bumper and 2 U–bolts with the 4 nuts.
Torque: 195 N·m (2,000 kgf·cm, 144 ft·lbf)

(b) w/o Stabilizer:
Install the spring bumper, 2 U–bolts and stabilizer end bracket with the 4 nuts.
Torque: 195 N·m (2,000 kgf·cm, 144 ft·lbf)

(c) Wide cab:
Install the spring bumper, 2 U–bolts and shock absorber lower bracket with the 4 nuts.
Torque: 195 N·m (2,000 kgf·cm, 144 ft·lbf)

14. INSTALL FRONT STABILIZER BAR (W/ STABILIZER)



15. INSTALL FRONT SHOCK ABSORBER

(a) Install the nut so that the projecting length of the bolt corresponds to the specified value.

Projecting length:

Standard cab models	7 – 9 mm (0.276 – 0.354 in.)
Wide cab models	2 – 3 threads

16. INSTALL FRONT WHEEL LH

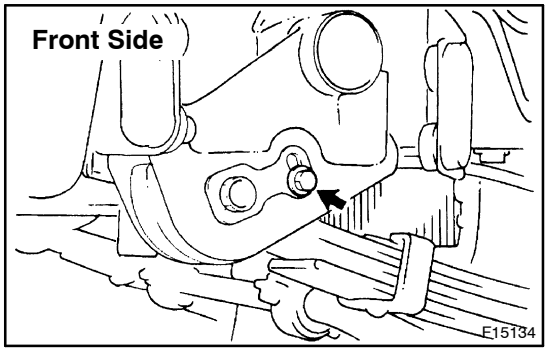
17. TIGHTEN SUSPENSION PART

(a) Rock the vehicle several times up and down to settle the front suspension in unloaded condition.

(b) Tighten the nuts and bolts of the front suspension parts.

Torque:

Part Tightened	N·m	kgf·cm	ft·lbf
Front spring shackle x Frame	220	2,250	162
Front spring assy LH x Front spring shackle	220	2,250	162
Front spring assy LH x Frame	220	2,250	162
Front shock absorber x Shock absorbar pin (Standard cab models)	68	690	50
Front shock absorber x Shock absorbar lower bracket (Wide cab models)	76	780	56
Stabilizer link x Stabilizer bracket (w/ stabilizer)	17.5	180	13



(c) Install the lock plate with the bolt.

Torque: 11.5 N·m (117 kgf·cm, 8 ft·lbf)

18. ADJUST FRONT WHEEL ALIGNMENT (See page 26–2)