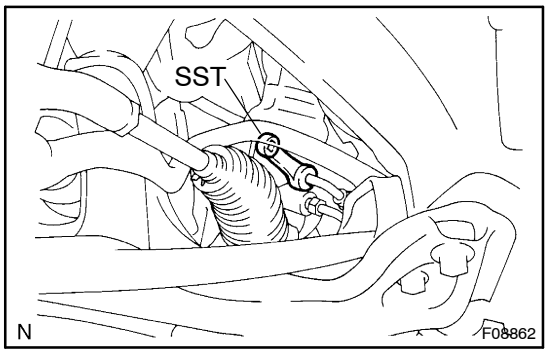
SR0YR–02

REMOVAL

NOTICE:

Remove the steering wheel assembly before the steering gear removal, because there is possibility of breaking of the spiral cable.

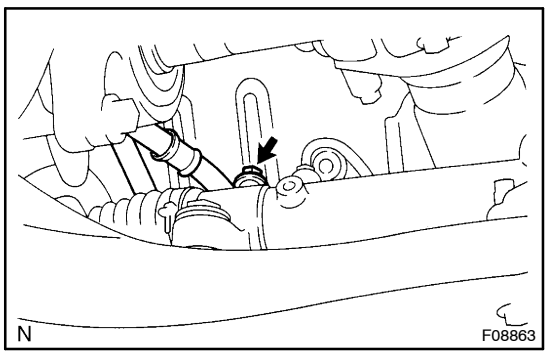
1. **PLACE FRONT WHEELS FACING STRAIGHT AHEAD**
2. **REMOVE STEERING WHEEL PAD (See page SR–11)**
3. **REMOVE STEERING WHEEL (See page SR–11)**
4. **REMOVE RH, CENTER AND LH ENGINE UNDER COVERS**
5. **DISCONNECT RH AND LH TIE ROD ENDS (See page SA–12)**
6. **DISCONNECT NO. 2 INTERMEDIATE SHAFT ASSEMBLY (See page SR–11)**



7. **DISCONNECT PRESSURE FEED AND RETURN TUBES**

Using SST, disconnect the pressure feed and return tubes.

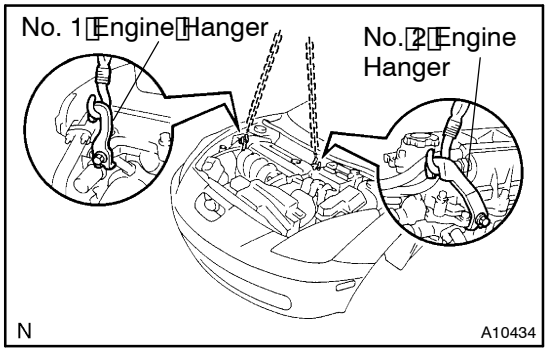
SST 09631–22020



8. **LHD:**
   DISCONNECT TUBE CLAMP

Remove the bolt and disconnect the tube clamp.

9. **DISCONNECT COLUMN HOLE COVER SUB–ASSEMBLY**
10. **REMOVE ENGINE HOOD (See page BO–9)**



11. ATTACH ENGINE SLING DEVICE TO ENGINE HANGERS

(a) Remove the 4 bolts and No. 2 cylinder head cover.

(b) Disconnect the PCV hoses from the cylinder head cover.

(c) Install the No. 1 and No. 2 engine hangers in the correct direction.

1ZZ–FE Engine:
Part No.:
No. 1 engine hanger: 12281–22021
No. 2 engine hanger: 12281–15040 or 12281–15050
Bolt: 91512–B1016
Torque: 38 N·m (388 kgf·cm, 28 ft·lbf)
2ZZ–GE Engine:
Part No.:
No. 1 engine hanger: 12281–88600
No. 2 engine hanger: 12282–88600
Bolt: 91512–61020
Torque: 38 N·m (388 kgf·cm, 28 ft·lbf)

(d) Attach the engine sling device to the engine hangers.

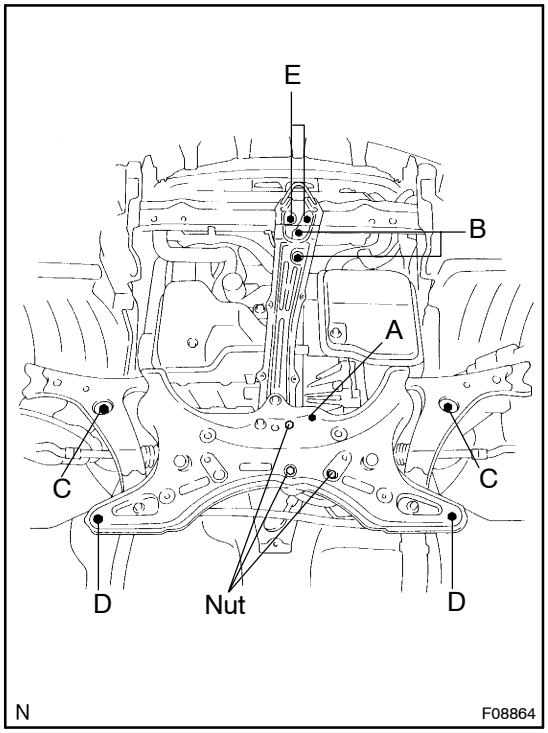
CAUTION:
Do not attempt to hang the engine by hooking the chain to any other part.

12. DISCONNECT LOWER BALL JOINT FROM LOWER SUSPENSION ARM (See page SA–38)

13. DISCONNECT STABILIZER BAR

(a) Remove the nut and disconnect the stabilizer bar.

(b) Employ the same manner described above to the other side.



14. DISCONNECT ENGINE REAR MOUNT INSULATOR AND FRONT SUSPENSION MEMBER

Remove the bolt (bolt A) and 3 nuts, and disconnect the engine rear mount insulator and front suspension member.

15. DISCONNECT ENGINE FRONT MOUNT INSULATOR AND FRONT SUSPENSION MEMBER

Remove the 2 bolts (bolt B) and disconnect the engine front mount insulator and front suspension member.

16. SUPPORT FRONT SUSPENSION MEMBER WITH LOWER SUSPENSION ARM

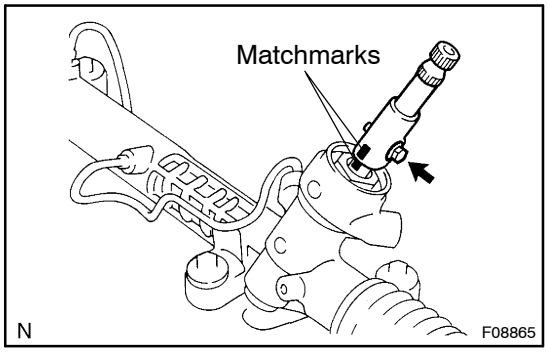
Using a transmission jack, support the front suspension member with lower suspension arm.

17. REMOVE FRONT SUSPENSION MEMBER WITH LOWER SUSPENSION ARM AND PS GEAR ASSEMBLY

Remove the 6 bolts (bolt C, D and E) and front suspension member with lower suspension arm and PS gear assembly.

18. REMOVE PS GEAR ASSEMBLY

(a) Remove the 4 bolts and PS gear assembly from the front suspension member.



(b) Place matchmarks on the intermediate extension and control valve shaft.
(c) Remove the bolt and intermediate extension.

19. REMOVE ENGINE REAR MOUNT INSULATOR AND ENGINE REAR MOUNT BRACKET

(a) Remove the through bolt and engine rear mount insulator.
(b) Remove the 3 bolts and engine rear mount bracket.