

**Contents (Cont'd)**

**Diagnostic Procedure 32** ..... EF & EC-498  
 INJECTOR.....

**Diagnostic Procedure 33** ..... EF & EC-500  
 FUEL PUMP.....

**Diagnostic Procedure 34** ..... EF & EC-504  
 AIR REGULATOR.....

**Diagnostic Procedure 35** ..... EF & EC-506  
 A.A.C. VALVE.....

**Diagnostic Procedure 36** ..... EF & EC-510  
 RADIATOR FAN CONTROL.....

**Diagnostic Procedure 37** ..... EF & EC-514  
 POWER STEERING OIL PRESSURE SWITCH.....

**Diagnostic Procedure 38** ..... EF & EC-518  
 NEUTRAL SWITCH.....

**SR20DET**

**Basic Inspection** ..... EF & EC-521

**Diagnostic Procedure 1 — High Idling after Warm-up** ..... EF & EC-524

**Diagnostic Procedure 2 — Hunting** ..... EF & EC-525

**Diagnostic Procedure 3 — Unstable Idle** ..... EF & EC-527

**Diagnostic Procedure 4 — Hard to Start or Impossible to Start when the Engine is Cold** ..... EF & EC-530

**Diagnostic Procedure 5 — Hard to Start or Impossible to Start when the Engine is Hot** ..... EF & EC-532

**Diagnostic Procedure 6 — Hard to Start or Impossible to Start under Normal Conditions** ..... EF & EC-534

**Diagnostic Procedure 7 — Hesitation when the Engine is Hot** ..... EF & EC-536

**Diagnostic Procedure 8 — Hesitation when the Engine is Cold** ..... EF & EC-537

**Diagnostic Procedure 9 — Hesitation under Normal Conditions** ..... EF & EC-538

**Diagnostic Procedure 10 — Engine Stalls when turning** ..... EF & EC-539

**Diagnostic Procedure 11 — Engine Stalls when the Engine is Hot** ..... EF & EC-541

**Diagnostic Procedure 12 — Engine Stalls when the Engine is Cold** ..... EF & EC-543

**Diagnostic Procedure 13 — Engine Stalls when Stepping on the Accelerator Momentarily** ..... EF & EC-545

**Diagnostic Procedure 14 — Engine Stalls after Decelerating** ..... EF & EC-547

**Diagnostic Procedure 15 — Engine Stalls when Accelerating or when Driving at Constant Speed** ..... EF & EC-551

**Diagnostic Procedure 16 — Engine Stalls when the Electrical Load is Heavy** ..... EF & EC-553

**Diagnostic Procedure 17 — Lack of Power and Stumble** ..... EF & EC-555

**Diagnostic Procedure 18 — Detonation** ..... EF & EC-556

**Diagnostic Procedure 19 — Surge** ..... EF & EC-557

**Diagnostic Procedure 20 — Backfire through the Intake** ..... EF & EC-558

**Diagnostic Procedure 21 — Backfire through the Exhaust** ..... EF & EC-558

**Diagnostic Procedure 22** ..... EF & EC-560  
 MAIN POWER SUPPLY AND GROUND CIRCUIT.....

**Diagnostic Procedure 23** ..... EF & EC-564  
 CRANK ANGLE SENSOR.....

**Diagnostic Procedure 24** ..... EF & EC-568  
 AIR FLOW METER.....

**Diagnostic Procedure 25** ..... EF & EC-572  
 ENGINE TEMPERATURE SENSOR.....

**Diagnostic Procedure 26** ..... EF & EC-576  
 IGNITION SIGNAL.....

**Diagnostic Procedure 27** ..... EF & EC-580  
 DETONATION SENSOR.....

**Diagnostic Procedure 28** ..... EF & EC-582  
 THROTTLE SENSOR.....

**Contents (Cont'd)**

|                                               |                        |
|-----------------------------------------------|------------------------|
| <b>Diagnostic Procedure 29</b>                |                        |
| VEHICLE SPEED SENSOR .....                    | EF & EC-586            |
| <b>Diagnostic Procedure 30</b>                |                        |
| START SIGNAL .....                            | EF & EC-588            |
| <b>Diagnostic Procedure 31</b>                |                        |
| EXHAUST GAS SENSOR .....                      | EF & EC-590            |
| <b>Diagnostic Procedure 32</b>                |                        |
| INJECTOR .....                                | EF & EC-594            |
| <b>Diagnostic Procedure 33</b>                |                        |
| FUEL PUMP .....                               | EF & EC-596            |
| <b>Diagnostic Procedure 34</b>                |                        |
| AIR REGULATOR .....                           | EF & EC-600            |
| <b>Diagnostic Procedure 35</b>                |                        |
| WASTEGATE VALVE CONTROL .....                 | EF & EC-602            |
| <b>Diagnostic Procedure 36</b>                |                        |
| A.A.C. VALVE .....                            | EF & EC-606            |
| <b>Diagnostic Procedure 37</b>                |                        |
| RADIATOR FAN CONTROL .....                    | EF & EC-610            |
| <b>Diagnostic Procedure 38</b>                |                        |
| POWER STEERING OIL PRESSURE SWITCH .....      | EF & EC-614            |
| <b>Diagnostic Procedure 39</b>                |                        |
| NEUTRAL SWITCH .....                          | EF & EC-618            |
| <hr/>                                         |                        |
|                                               | <b>SR</b>              |
| <b>Electrical Components Inspection .....</b> | <b>EF &amp; EC-621</b> |