



### RG20444-UN: Injector Drive #1 Wiring Diagram

#### LEGEND:

- A5501 – 34 - Injector #1 Return
- A5501 – 6 - Injector #1 Supply
- A5501 – 23 - Injector #2 Return
- A5501 – 6 - Injector #2 Supply
- A5501 – 33 - Injector #3 Return
- A5501 – 6 - Injector #3 Supply

#### IMPORTANT:

Terminal damage occurs if anything other than the specified flex probe from [JDG10466 Flex Probe Kit](#) is used.

#### Flex probes:

##### Sensor

- [JDG10460](#) – Female – Yellow/Purple
- [JDG10461](#) – Male – Yellow/Purple

##### ECU

- [JDG10460](#) – Female – Yellow/Purple
- [JDG10461](#) – Male – Yellow/Purple

#### Tools:

- [JT07306](#) – Digital Multimeter

## 1 Read DTCs and Store Snapshot Information

### Action:

1. Connect Service ADVISOR, see [Connecting to Service ADVISOR](#) in Section 04, Group 160.

#### NOTE:

*When DTCs are cleared, Snapshot information for ALL DTCs is cleared.*

2. Ignition ON, Engine OFF.

3. If any DTCs have snapshot capture or snapshot recording information, save the information. For instructions on saving and using snapshot information, see [Snapshot Instructions](#) in Section 04, Group 160.

4. In Service ADVISOR, perform Control Unit Information and Overview test.

Control Unit Information

5. In Service ADVISOR, perform Harness Diagnostic Mode Test.

Harness Diagnostic Mode Test

6. Refresh codes.

Is DTC 000611.04 active?

**Record of Actual Results:**

**Result:**

**YES:**

[GO TO 2](#)

**NO:**

[GO TO 13](#)

## 2 Perform Terminal Test

**Action:**

1. Ignition OFF, Engine OFF.
2. Disconnect ECU connector A5501.
3. Perform [Terminal Test](#) on A5501 connector female sockets 6, 23, 33, and 34. And corresponding ECU male pins.

Were any problems found?

**Record of Actual Results:**

**Result:**

**YES:**

Repair problem. Perform [Verification Procedure](#) .

**NO:**

[GO TO 3](#)

## 3 Internal ECU Check

**Action:**

1. Ignition ON, Engine OFF