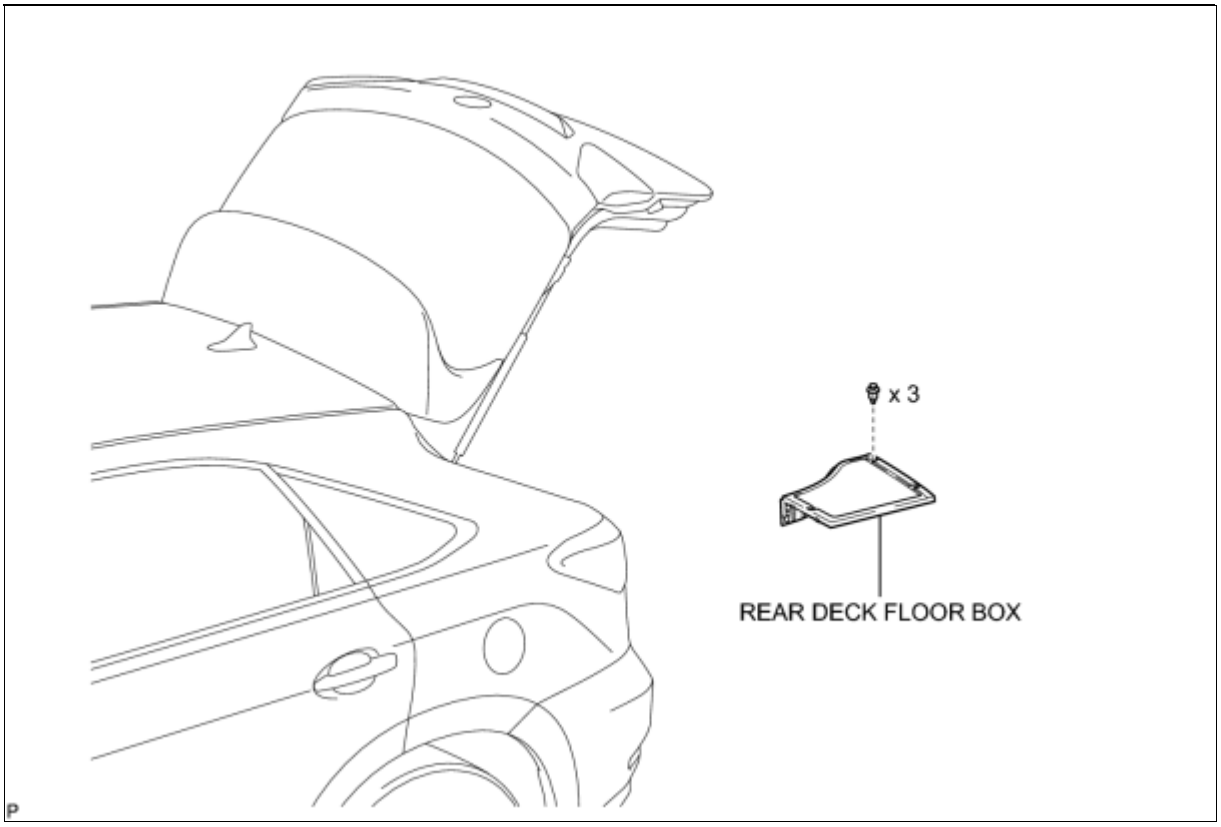
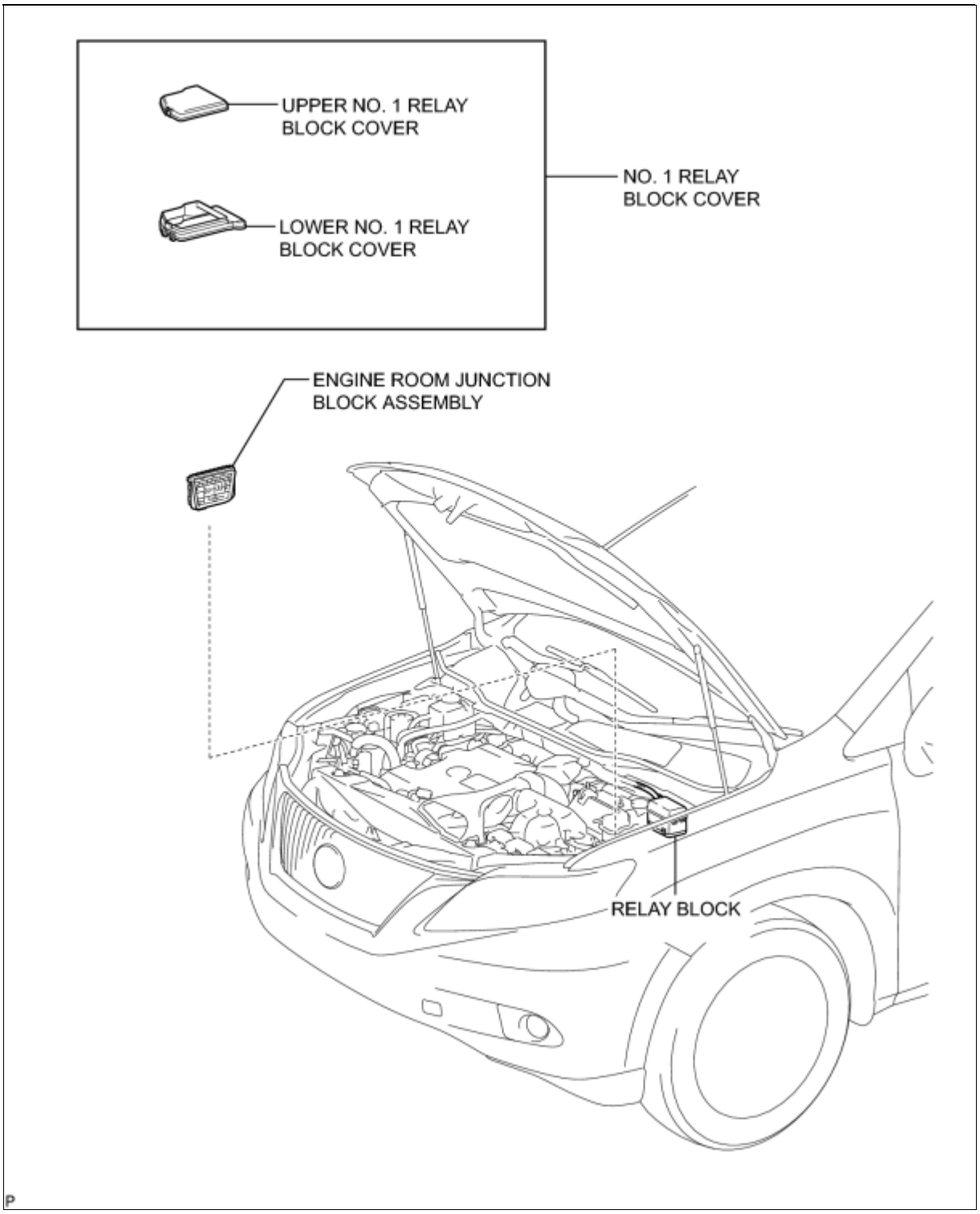
Last Modified: 9-27-2013	6.4 K	Doc ID: RM000003WBT002X
Model Year: 2010	Model: RX450H	Prod Date Range: [03/2009 -]
Title: POWER DISTRIBUTION: INTEGRATION RELAY: COMPONENTS; 2010 MY RX450H [03/2009 -]		

COMPONENTS

ILLUSTRATION



ILLUSTRATION


UPPER NO. 1 RELAY
BLOCK COVER
LOWER NO. 1 RELAY
BLOCK COVER
NO. 1 RELAY
BLOCK COVER
ENGINE ROOM JUNCTION
BLOCK ASSEMBLY
RELAY BLOCK

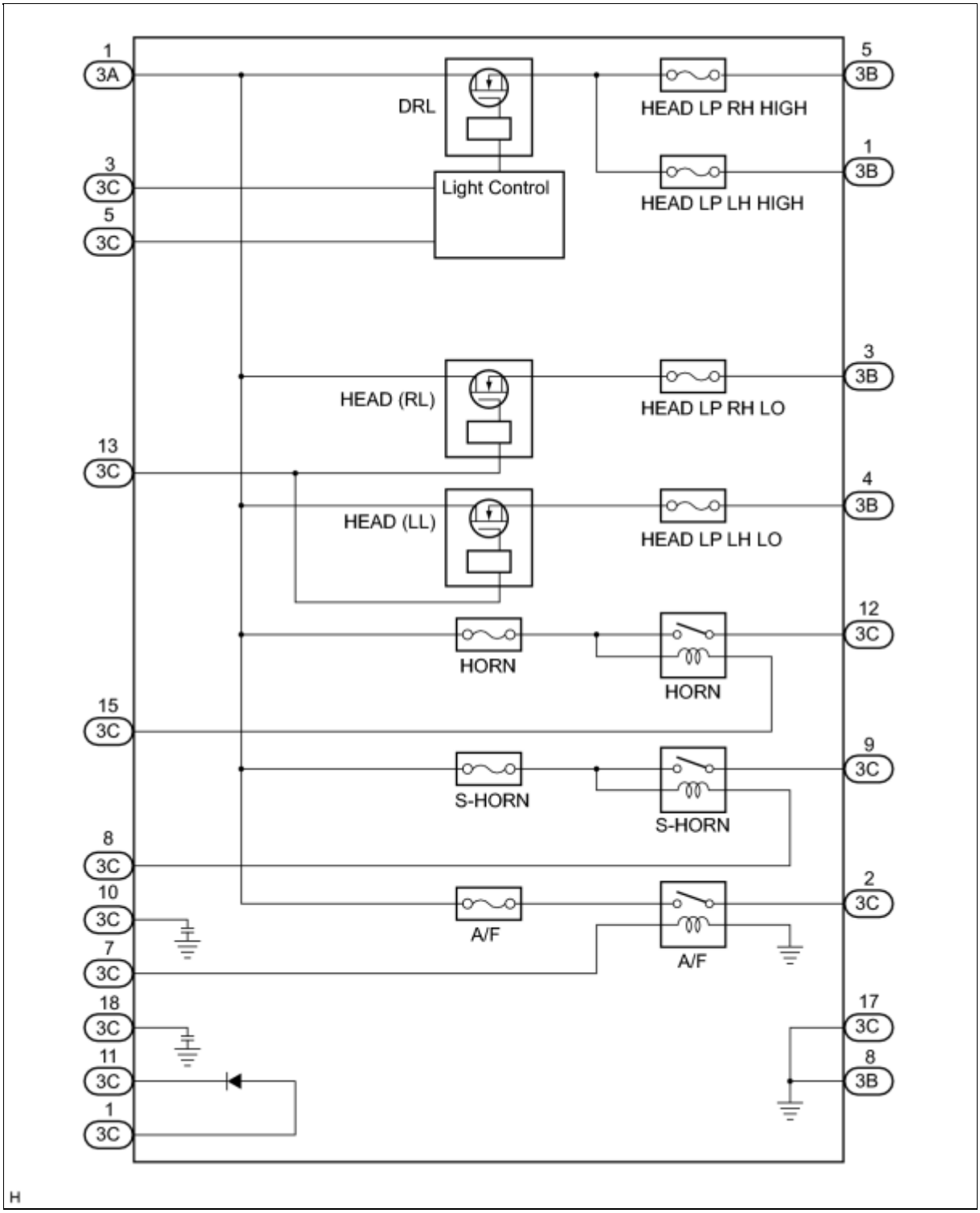
P

Last Modified: 9-27-2013	6.4 G	Doc ID: RM000002WUL023X
Model Year: 2010	Model: RX450H	Prod Date Range: [03/2009 -]
Title: POWER DISTRIBUTION: INTEGRATION RELAY: INSPECTION; 2010 MY RX450H [03/2009 -]		

INSPECTION

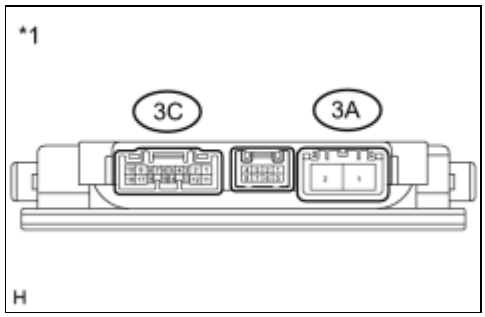
1. INSPECT INTEGRATION RELAY

(a) Inner circuit (for Halogen Headlight)



(1) for A/F relay

1. **Measure the resistance according to the value(s) in the table below.**



Standard Resistance :

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
3A-1 - 3C-2	Always	10 kΩ or higher
3A-1 - 3C-2	Battery positive (+) - 3A-1 Battery negative (-) - 3C-17	Below 1 Ω

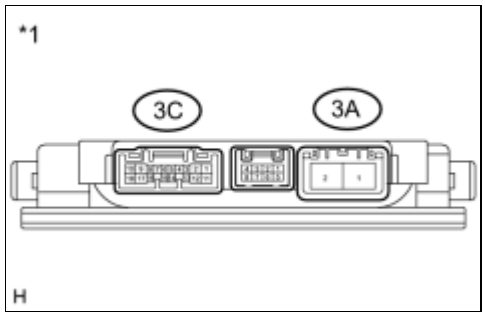
Text in Illustration

*1	Component without harness connected (Integration Relay)

If the result is not as specified, replace the integration relay.

(2) for S-HORN relay

1. **Measure the resistance according to the value(s) in the table below.**



Standard Resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
3A-1 - 3C-9	Always	10 kΩ or higher
3A-1 - 3C-9	Battery positive (+) - 3A-1 Battery negative (-) - 3C-8	Below 1 Ω

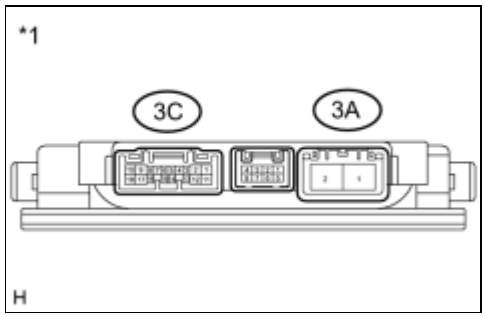
Text in Illustration

*1	Component without harness connected (Integration Relay)

If the result is not as specified, replace the integration relay.

(3) for HORN relay

1. **Measure the resistance according to the value(s) in the table below.**



Standard Resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
3A-1 - 3C-12	Always	10 kΩ or higher
3A-1 - 3C-12	Battery positive (+) - 3A-1 Battery negative (-) - 3C-15	Below 1 Ω

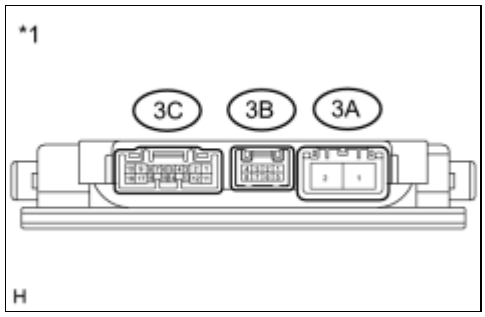
Text in Illustration

*1	Component without harness connected (Integration Relay)

If the result is not as specified, replace the integration relay.

(4) for HEAD (RL) relay

1. **Measure the resistance according to the value(s) in the table below.**



Standard Resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
3A-1 - 3B-3	Always	10 kΩ or higher
3A-1 - 3B-3	Battery positive (+) - 3A-1 Battery negative (-) - 3C-13	Below 1 Ω

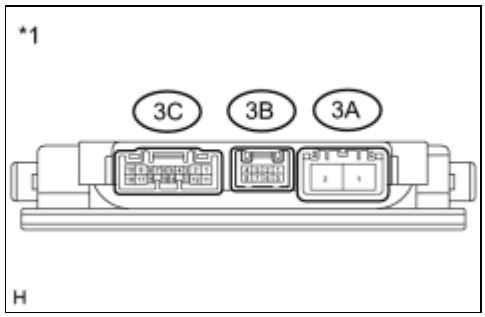
Text in Illustration

*1	Component without harness connected (Integration Relay)

If the result is not as specified, replace the integration relay.

(5) for HEAD (LL) relay

1. **Measure the resistance according to the value(s) in the table below.**



Standard Resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
3A-1 - 3B-4	Always	10 kΩ or higher
3A-1 - 3B-4	Battery positive (+) - 3A-1 Battery negative (-) - 3C-13	Below 1 Ω

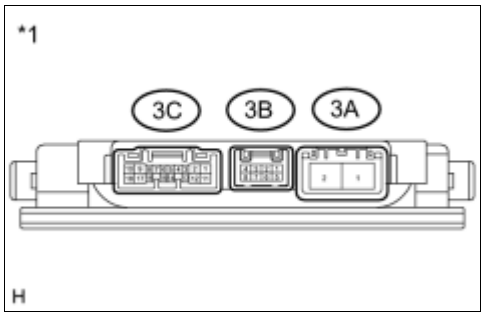
Text in Illustration

*1	Component without harness connected (Integration Relay)

If the result is not as specified, replace the integration relay.

(6) for DRL relay

1. **Measure the voltage and check for pulses according to the value(s) in the table below.**



Standard Voltage:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
3B-1 - Body ground	Battery positive (+) - 3A-1 Battery negative (-) - 3C-17	Below 1 V
3B-1 - Body ground	Battery positive (+) - 3A-1 Battery negative (-) - 3C-17 Battery negative (-) - 3C-3	Pulse generation
3B-5 - Body ground	Battery positive (+) - 3A-1 Battery negative (-) - 3C-17	Below 1 V
3B-5 - Body ground	Battery positive (+) - 3A-1 Battery negative (-) - 3C-17 Battery negative (-) - 3C-3	Pulse generation

2. Measure the resistance according to the value(s) in the table below.

Standard Resistance:

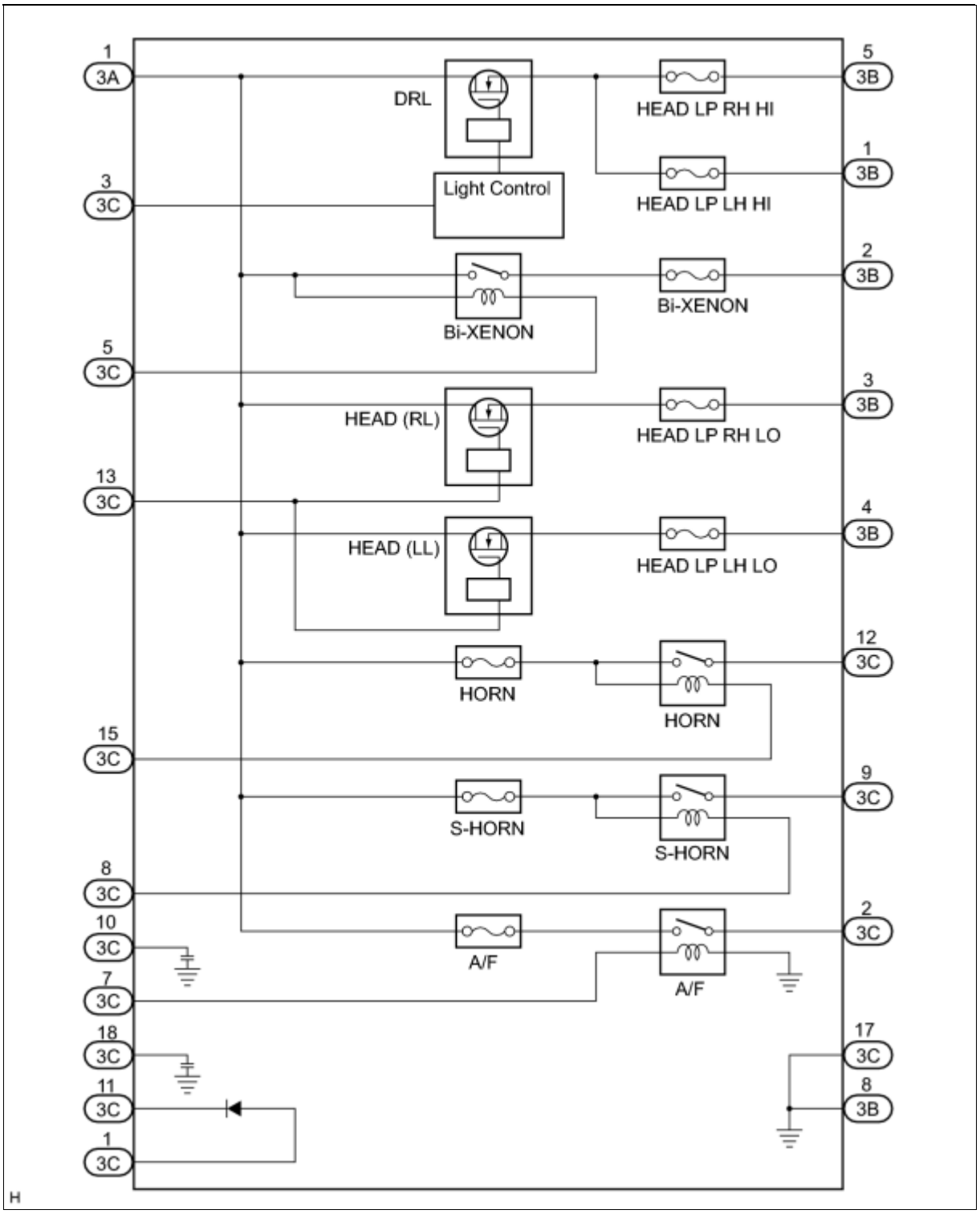
TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
3A-1 - 3B-1	Always	10 kΩ or higher
3A-1 - 3B-5	Always	10 kΩ or higher

Text in Illustration

*1	Component without harness connected (Integration Relay)

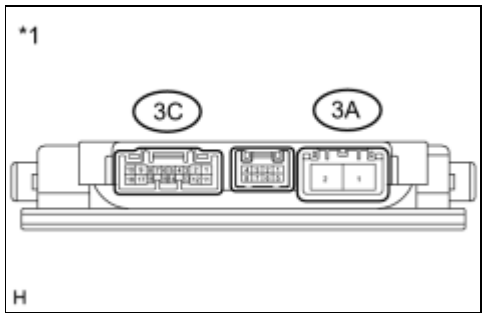
If the result is not as specified, replace the integration relay.

(b) Inner circuit (w/ Automatic Type Headlight Beam Level Control)



(1) for A/F relay

1. **Measure the resistance according to the value(s) in the table below.**



Standard Resistance :

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
3A-1 - 3C-2	Always	10 kΩ or higher
3A-1 - 3C-2	Battery positive (+) - 3A-1 Battery negative (-) - 3C-17	Below 1 Ω

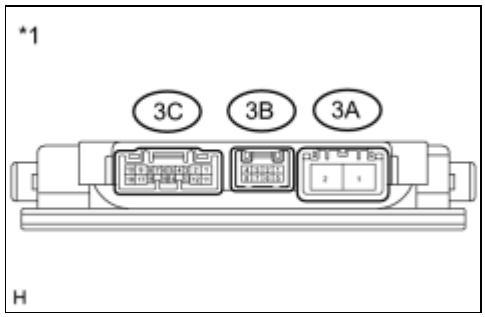
Text in Illustration

*1	Component without harness connected (Integration Relay)

If the result is not as specified, replace the integration relay.

(2) for Bi-XENON relay

1. **Measure the resistance according to the value(s) in the table below.**



Standard Resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
3A-1 - 3B-2	Always	10 kΩ or higher
3A-1 - 3B-2	Battery positive (+) - 3A-1 Battery negative (-) - 3C-5	Below 1 Ω

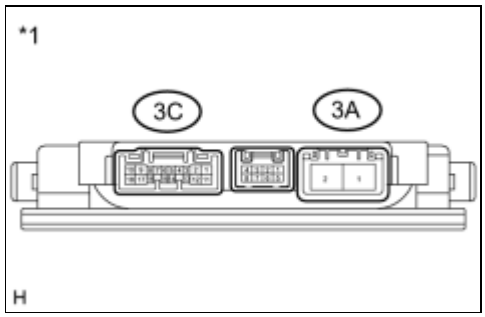
Text in Illustration

*1	Component without harness connected (Integration Relay)

If the result is not as specified, replace the integration relay.

(3) for S-HORN relay

1. **Measure the resistance according to the value(s) in the table below.**



Standard Resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
3A-1 - 3C-9	Always	10 kΩ or higher
3A-1 - 3C-9	Battery positive (+) - 3A-1 Battery negative (-) - 3C-8	Below 1 Ω

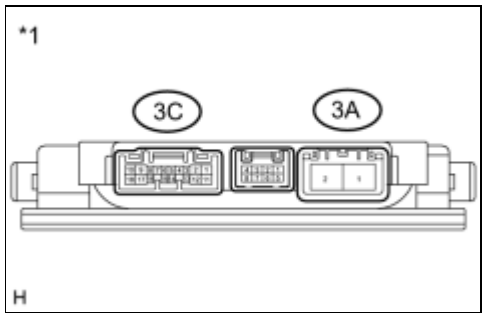
Text in Illustration

*1	Component without harness connected (Integration Relay)

If the result is not as specified, replace the integration relay.

(4) for HORN relay

1. **Measure the resistance according to the value(s) in the table below.**



Standard Resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
3A-1 - 3C-12	Always	10 kΩ or higher
3A-1 - 3C-12	Battery positive (+) - 3A-1 Battery negative (-) - 3C-15	Below 1 Ω

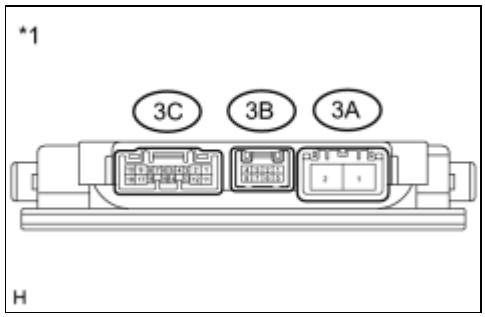
Text in Illustration

*1	Component without harness connected (Integration Relay)

If the result is not as specified, replace the integration relay.

(5) for HEAD (RL) relay

1. **Measure the resistance according to the value(s) in the table below.**



Standard Resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
3A-1 - 3B-3	Always	10 kΩ or higher
3A-1 - 3B-3	Battery positive (+) - 3A-1 Battery negative (-) - 3C-13	Below 1 Ω

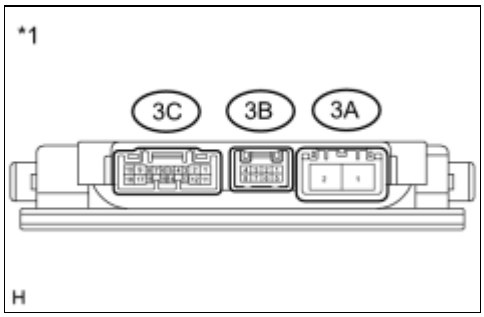
Text in Illustration

*1	Component without harness connected (Integration Relay)

If the result is not as specified, replace the integration relay.

(6) for HEAD (LL) relay

1. **Measure the resistance and check for pulses according to the value(s) in the table below.**



Standard Resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
3A-1 - 3B-4	Always	10 kΩ or higher
3A-1 - 3B-4	Battery positive (+) - 3A-1 Battery negative (-) - 3C-13	Below 1 Ω

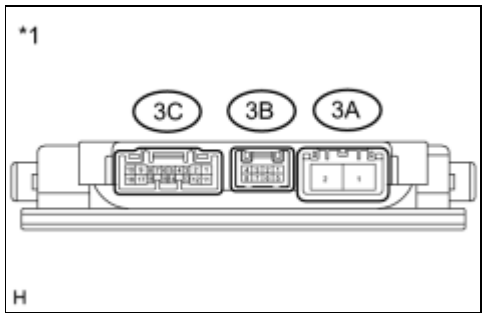
Text in Illustration

*1	Component without harness connected (Integration Relay)

If the result is not as specified, replace the integration relay.

(7) for DRL relay

1. **Measure the voltage according to the value(s) in the table below.**



Standard Voltage:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
3B-1 - Body ground	Battery positive (+) - 3A-1 Battery negative (-) - 3C-17	Below 1 V
3B-1 - Body ground	Battery positive (+) - 3A-1 Battery negative (-) - 3C-17 Battery negative (-) - 3C-3	Pulse generation
3B-5 - Body ground	Battery positive (+) - 3A-1 Battery negative (-) - 3C-17	Below 1 V
3B-5 - Body ground	Battery positive (+) - 3A-1 Battery negative (-) - 3C-17 Battery negative (-) - 3C-3	Pulse generation

2. **Measure the resistance according to the value(s) in the table below.**

Standard Resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
3A-1 - 3B-1	Always	10 kΩ or higher
3A-1 - 3B-5	Always	10 kΩ or higher

Text in Illustration

*1	Component without harness connected (Integration Relay)

If the result is not as specified, replace the integration relay.