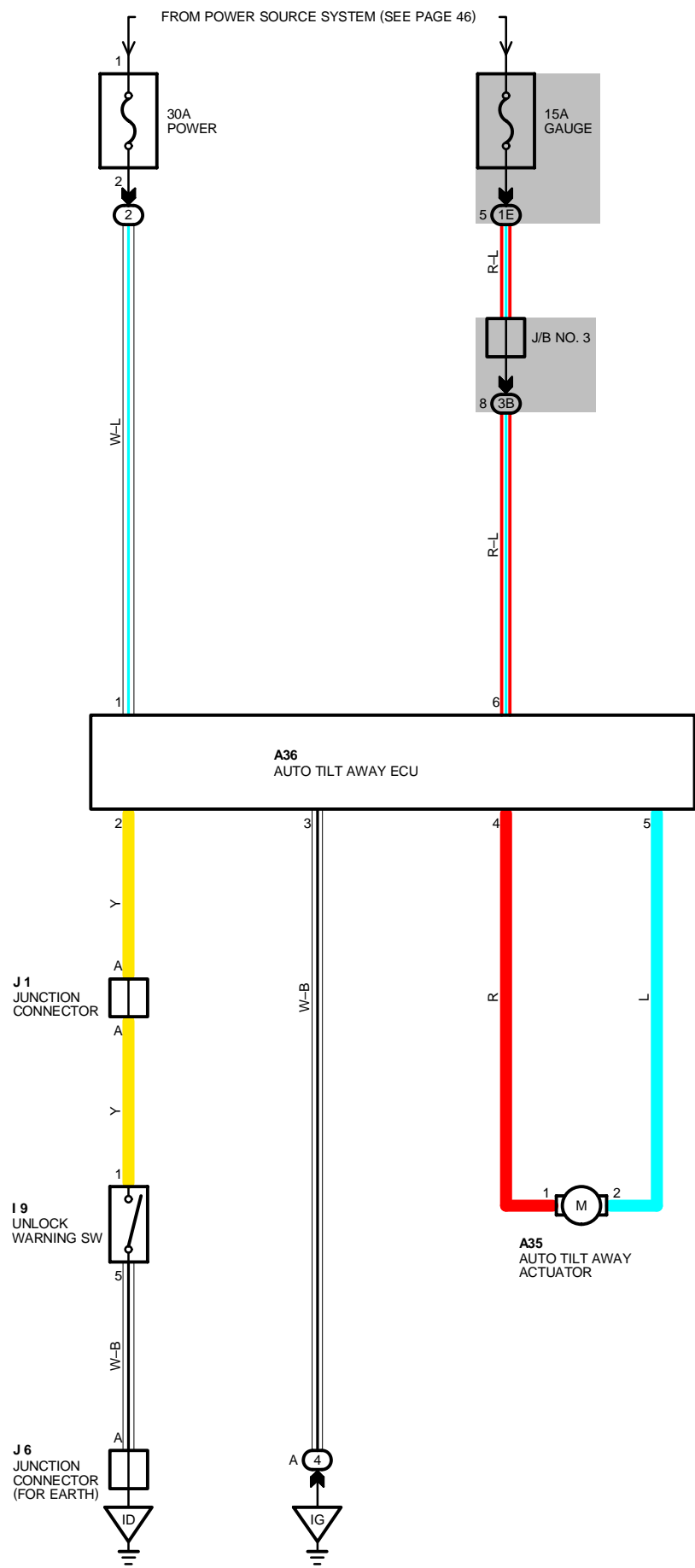


AUTO TILT AWAY STEERING



SYSTEM OUTLINE

THIS SYSTEM ALLOWS EASIER ENTRY AND EXIT BY THE DRIVER BY MOVING THE STEERING POSITION TO THE **UPPER** POSITION WHEN THE IGNITION KEY IS REMOVED.

CURRENT ALWAYS FLOWS FROM THE POWER FUSE TO **TERMINAL 1** OF AUTO TILT AWAY ECU. WHEN THE IGNITION SW IS TURNED ON, CURRENT FLOWS FROM THE GAUGE FUSE AS FAR AS **TERMINAL 6**.

1. TILT-UP OPERATION

WHEN IGNITION KEY IS REMOVED FROM THE IGNITION KEY CYLINDER (UNLOCK WARNING SW OFF), A WARNING SW OFF SIGNAL IS INPUT TO **TERMINAL 2** OF THE AUTO TILT AWAY ECU. AS A RESULT, THE AUTO TILT AWAY OPERATES AND CURRENT FLOWS FROM **TERMINAL 4** OF THE AUTO TILT AWAY ECU → **TERMINAL 1** OF THE AUTO TILT AWAY ACTUATOR → ACTUATOR → **TERMINAL 2** → **TERMINAL 5** OF THE AUTO TILT AWAY ECU, CAUSING THE ACTUATOR TO ROTATE AND RELEASE THE LOCK MECHANISM LOCKED AT THE **MEMORY** POSITION (THE POSITION SELECTED USING THE TILT ADJUSTMENT LEVER). THE STEERING WHEEL THE MOVES FROM THE **MEMORY** POSITION TO THE **UPPER** POSITION USING SPRING FORCE, THEN MECHANICAL LOCK OCCURS.

2. TILT RETURN OPERATION

WHEN THE IGNITION KEY IS INSERTED INTO THE IGNITION KEY CYLINDER (UNLOCK WARNING SW ON), A WARNING SW ON SIGNAL IS INPUT TO **TERMINAL 2** OF THE AUTO TILT AWAY ECU. AS A RESULT, THE AUTO TILT AWAY ECU OPERATES AND CURRENT FLOWS FROM **TERMINAL 5** OF THE AUTO TILT AWAY ECU → **TERMINAL 2** OF THE AUTO TILT AWAY ACTUATOR → ACTUATOR → **TERMINAL 1** → **TERMINAL 4** OF THE AUTO TILT AWAY ECU, CAUSING THE ACTUATOR TO ROTATE AND RELEASE THE LOCK MECHANISM LOCKED AT THE **UPPER** POSITION. THE STEERING WHEEL CAN THEN BE RETURNED BY HAND TO THE **MEMORY** POSITION, WHERE MECHANICAL LOCK OCCURS.

SERVICE HINTS

A36 AUTO TILT AWAY ECU

- 1-GROUND : ALWAYS APPROX. 12 VOLTS
- 6-GROUND : APPROX. 12 VOLTS WITH IGNITION SW AT **ON** POSITION
- 5-GROUND : CONTINUITY WITH IGNITION KEY IN CYLINDER
- 3-GROUND : ALWAYS CONTINUITY

○ : PARTS LOCATION

CODE	SEE PAGE	CODE	SEE PAGE	CODE	SEE PAGE
A35	26	I 9	26	J 6	26
A36	26	J 1	26		

○ : RELAY BLOCKS

CODE	SEE PAGE	RELAY BLOCKS (RELAY BLOCK LOCATION)
2	23	R/B NO. 2 (LEFT KICK PANEL)
4	24	R/B NO. 4 (RIGHT KICK PANEL)

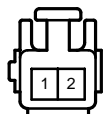
○ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

CODE	SEE PAGE	JUNCTION BLOCK AND WIRE HARNESS (CONNECTOR LOCATION)
1E	18	COWL WIRE AND J/B NO. 1 (LEFT KICK PANEL)
3B	22	COWL WIRE J/B NO. 3 (BEHIND COMBINATION METER)

▽ : GROUND POINTS

CODE	SEE PAGE	GROUND POINTS LOCATION
ID	30	LEFT KICK PANEL
IG	30	R/B NO. 4 SET BOLT

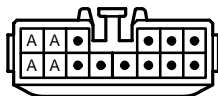
A35



A36

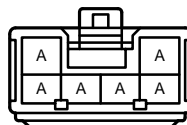


J 1



(HINT : SEE PAGE 7)

J 6



(HINT : SEE PAGE 7)

I 9 BLACK

