



**TOYOTA**  
**COROLLA 1100**  
**COROLLA 1200**  
**BODY GROUP**

*Repair Manual*

**SUPPLEMENT**

## SECTION INDEX

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## REAR BODY

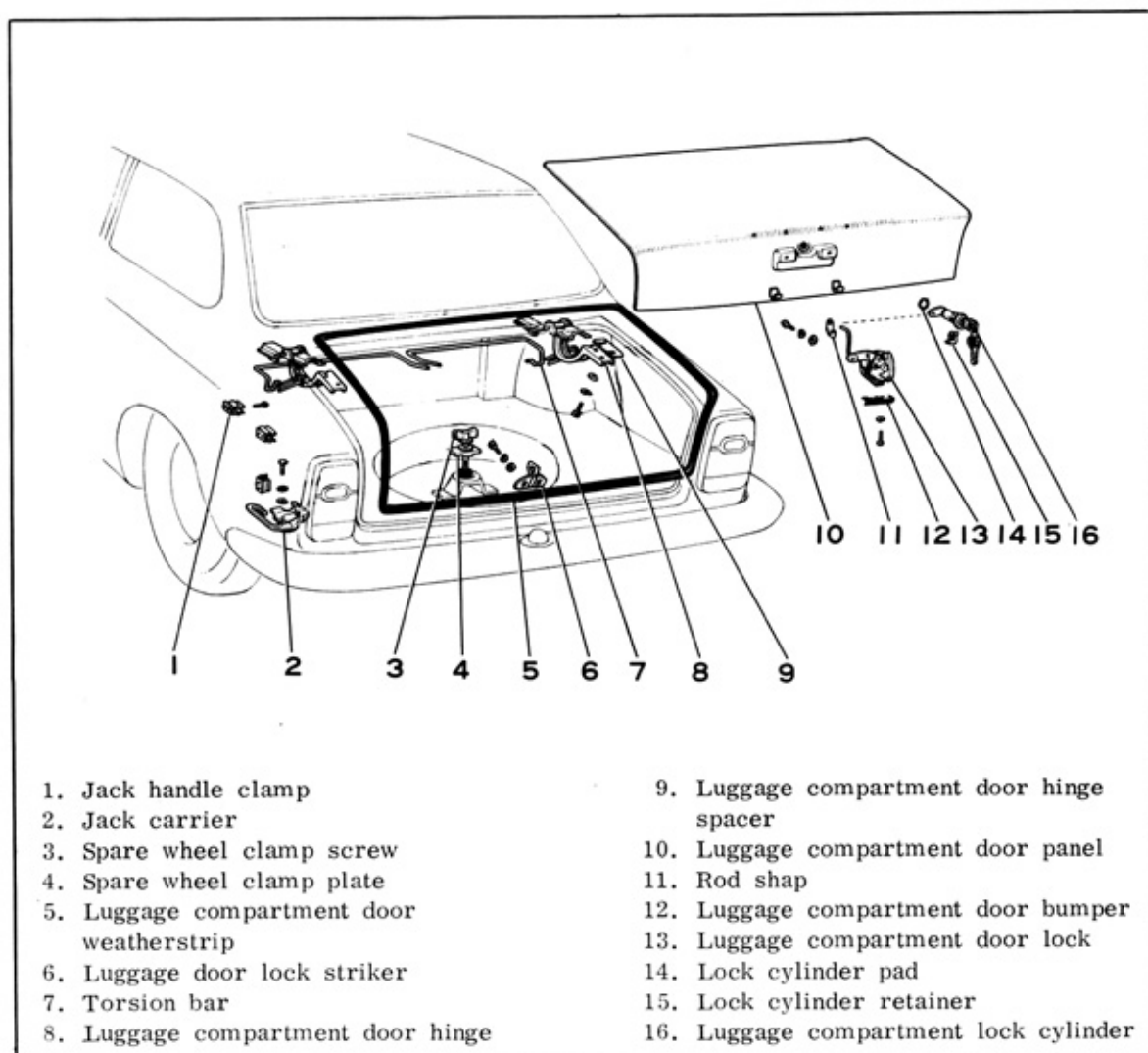


Fig. 1-1 Rear Body components

Y 7848

\* \* \* \* \*

## DOOR

On new cars, the window regulator handles are safety, low profile design type. The door handles are recessed.

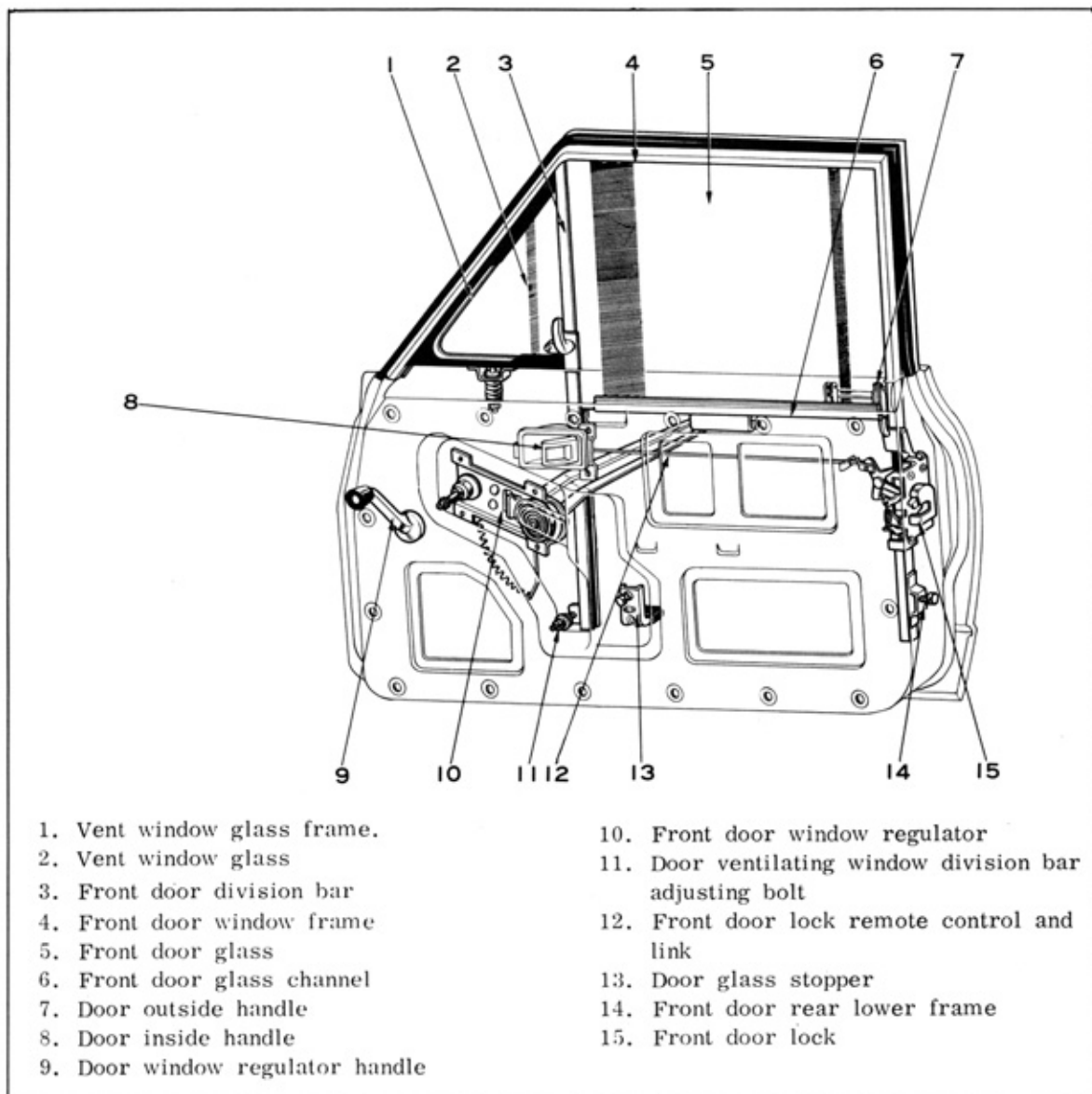


Fig. 1-2 Door Construction

Y 7849

\* \* \* \* \*

DOOR LOCK

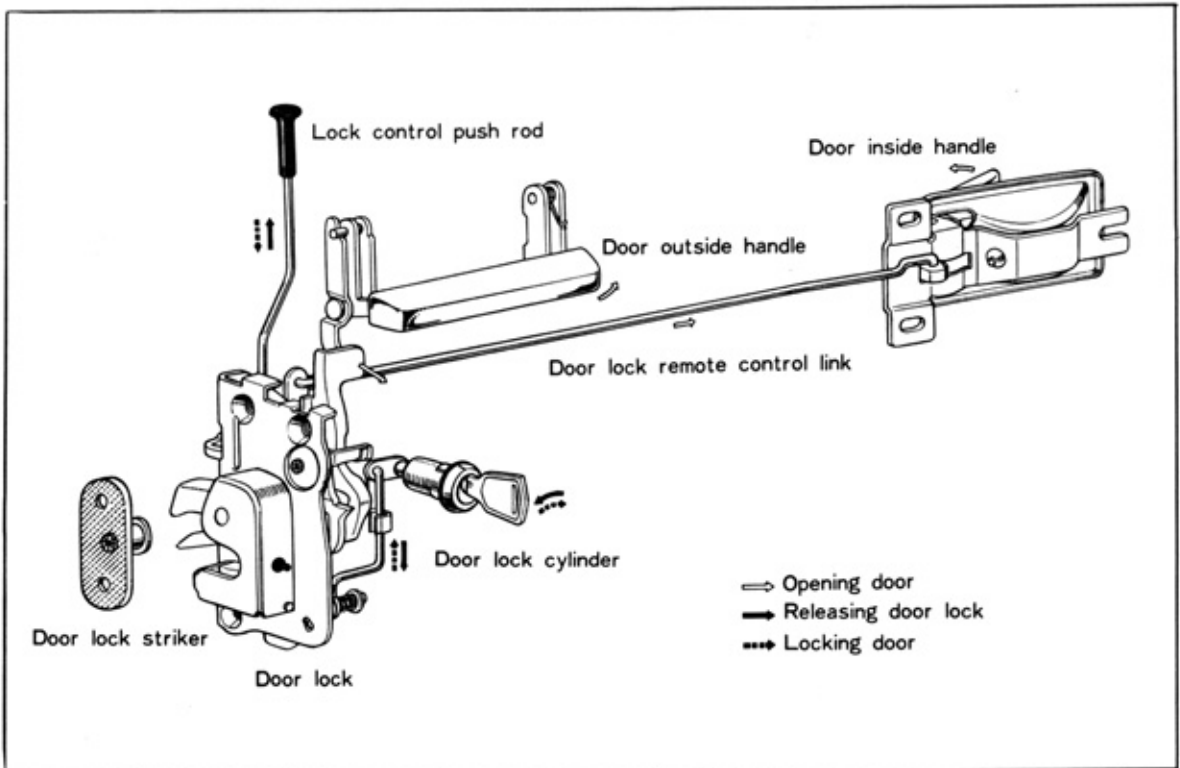


Fig. 1-3 Door Lock Components

Y 7653

Door Lock Operation

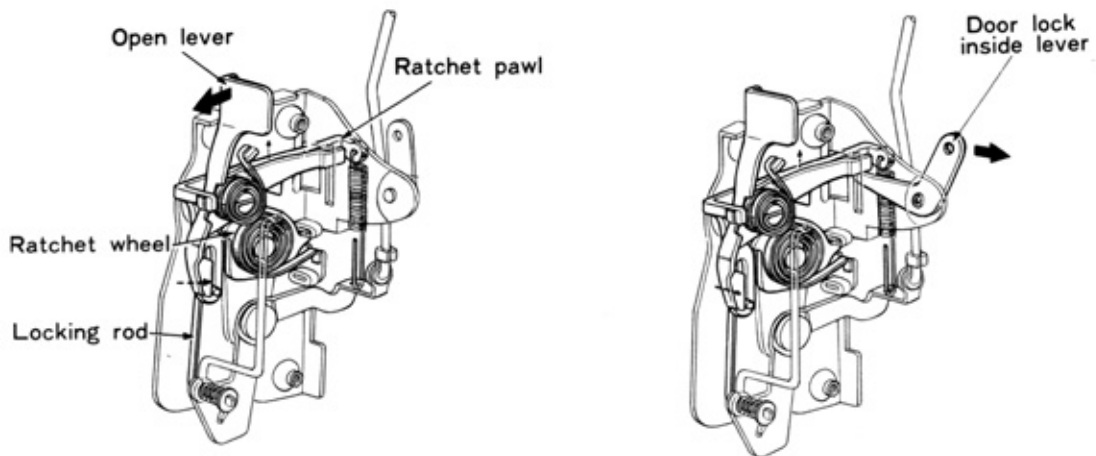


Fig. 1-4 Pulling Inside or Outside Handle

G 3777 G 3778

Pulling the outside handle makes the open lever to move in the direction of arrow and push the locking rod. This will release the ratchet pole from the ratchet wheel allowing the door to open.

When pulling the inside handle, the door lock inside lever will be pulled in the direction of arrow (Fig 1-4). Another end of inside lever will make the open lever operate as in pulling the outside handle.

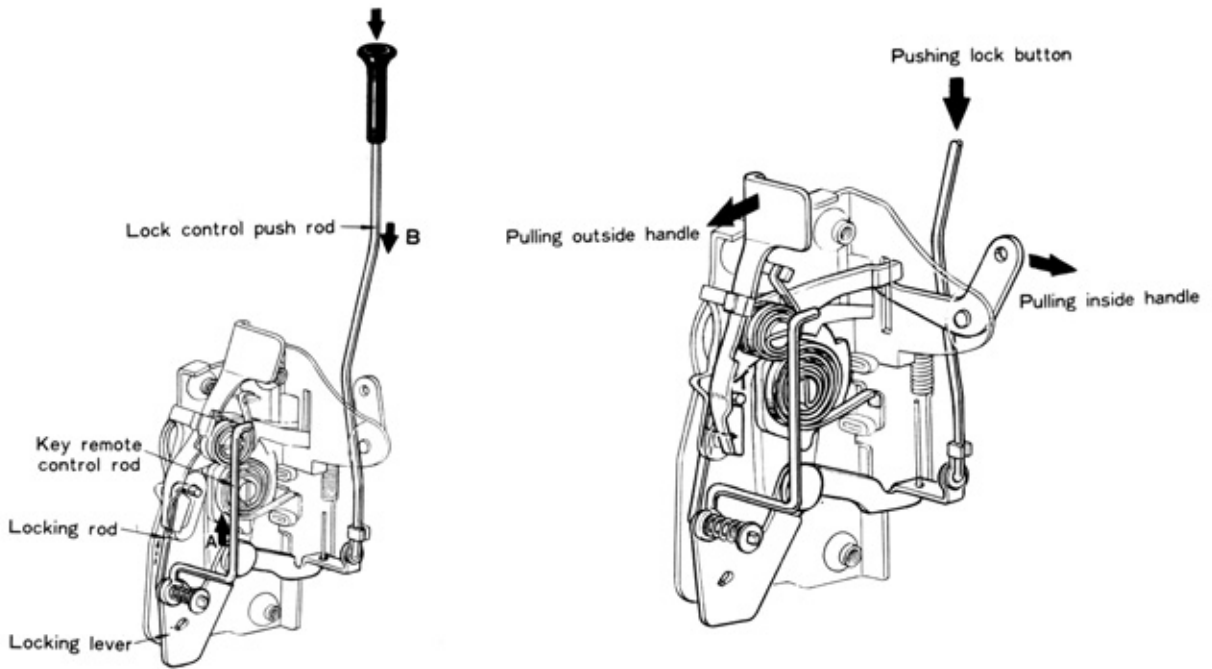


Fig. 1-5 Locking by Key and Locking Button

Y 7654 G 3779

As the door is locked by pushing the inside handle or by operating the key, the locking rod is raised, and then even if the outside handle is pulled, the door will not open as the locking rod is in the open lever slot and does not operate the ratchet pole.

Pushing the push button with the door opened, will push up the locking rod through the locking lever movement. If the door is closed with the door handle pulled in this condition, the door will be locked, as in this case the locking rod is supported in the raised position by the open lever.

- A. Pushing lock button
- B. Pulling outside handle

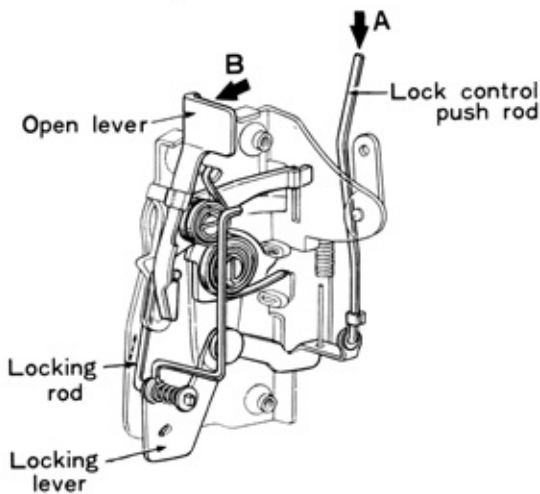


Fig. 1-6 Locking without using key G 3780

**DOOR LOCK REMOTE CONTROL**

Removal

1. Remove the door trim panel and service hole cover.
2. Loosen the inside handle attaching bolts and remove the inside handle together with the remote control link.

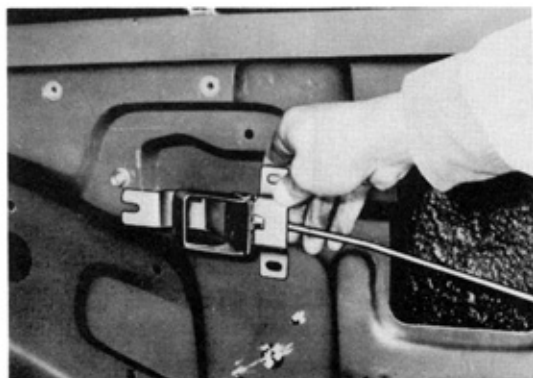


Fig. 1-7 Door Lock Remote Control Removal B 2372

Installation

Reverse the removal procedure.

**DOOR WINDOW REGULATOR**

Removal

1. Remove the door inside vessel and the door window regulator handle.

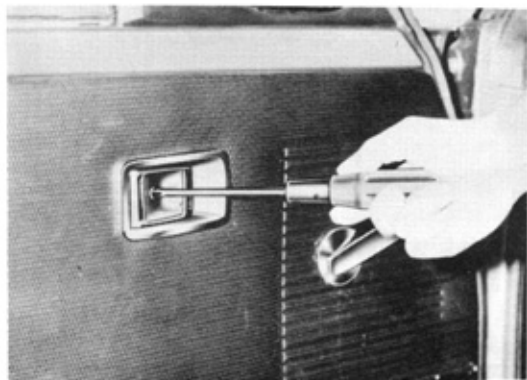


Fig. 1-8 Inside Handle Removal B 2367

2. Remove the door arm rest.
3. Remove the door trim panel with a screw driver. Then remove the service hole cover with care not to tear it.

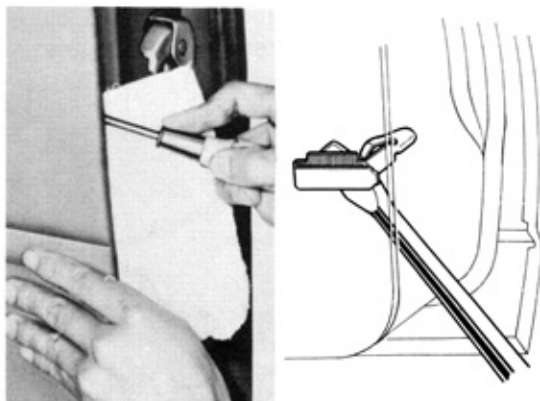


Fig. 1-9 Door Trim Panel Removal B 2370 G 4225

4. Remove the door inside handle together with the rod.
5. Remove the glass stopper.
6. Support the glass in the position illustrated in the Fig. 1-10 with a proper tool to prevent it from lowering.

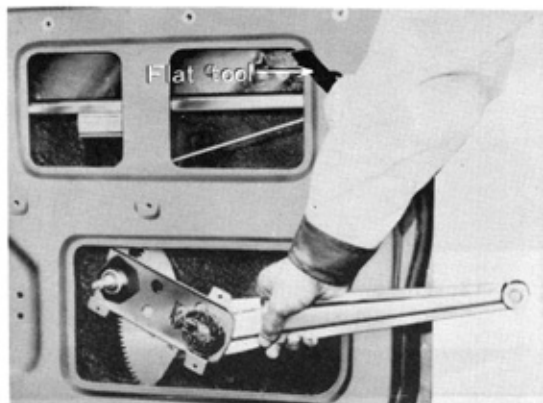


Fig. 1-10 Window Regulator Removal V 0398

7. Remove the regulator attaching bolts, and lower the regulator to disconnect the regulator roller from the glass channel, then remove the regulator assembly.

DOOR WINDOW GLASS & VENTILATING WINDOW GLASS

Installation

Procedures No. 1 ~ 9 remains unchanged, and perform the operations described on the page 1-13 with reference to the photos following.

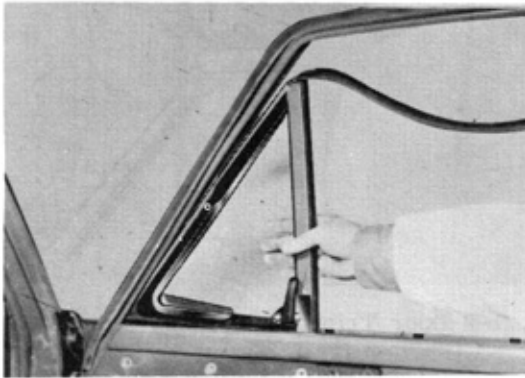


Fig. 1-11 Door Division Bar Installation B 2739

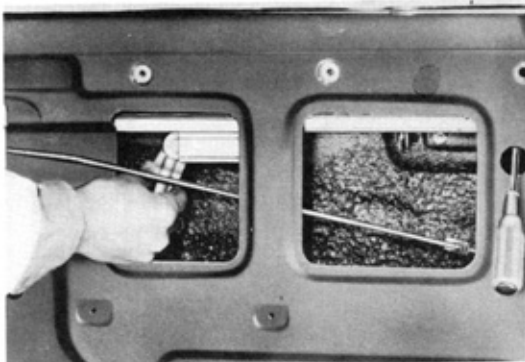


Fig. 1-12 Window regulator Installation (1) B 2366

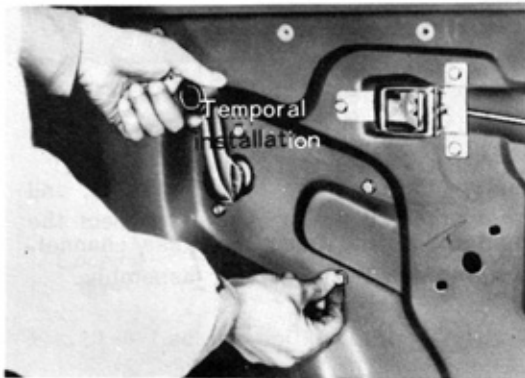


Fig. 1-13 Window regulator Installation (2) B 2369

10. Install the door inside handle.
11. Install the division bar adjusting bolt, and adjust the bar position to secure smooth movement and proper fit of the glass.

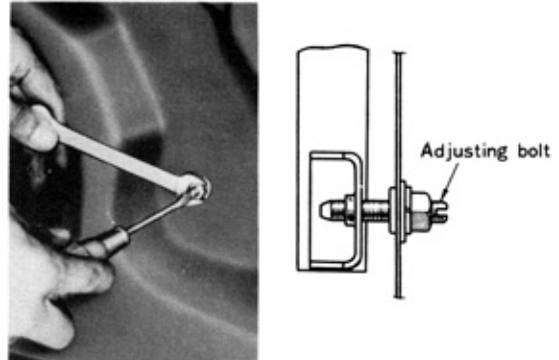


Fig. 1-14 Division Bar Adjustment B 2368 G 4226

12. Stick the service hole cover.
13. Install the door trim panel by aligning the trim retainers to the door panel hole and tapping on the trim panel by hand. Then install the door arm rest.
14. Install the door inside handle vessel and then the door window regulator handle so that it will be as illustrated in the Fig. 1-15 on closing the window glass all the way.

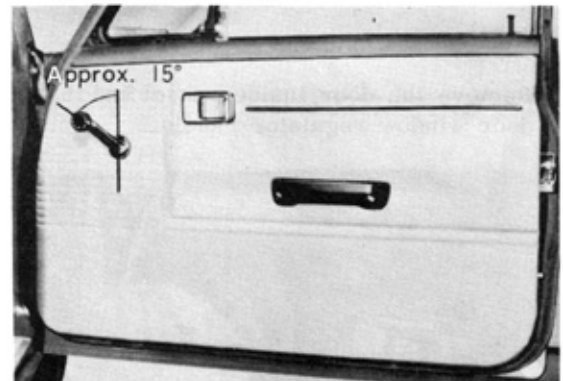


Fig. 1-15 Window Regulator Handle Positioning B 2364



BODY EXTERIOR

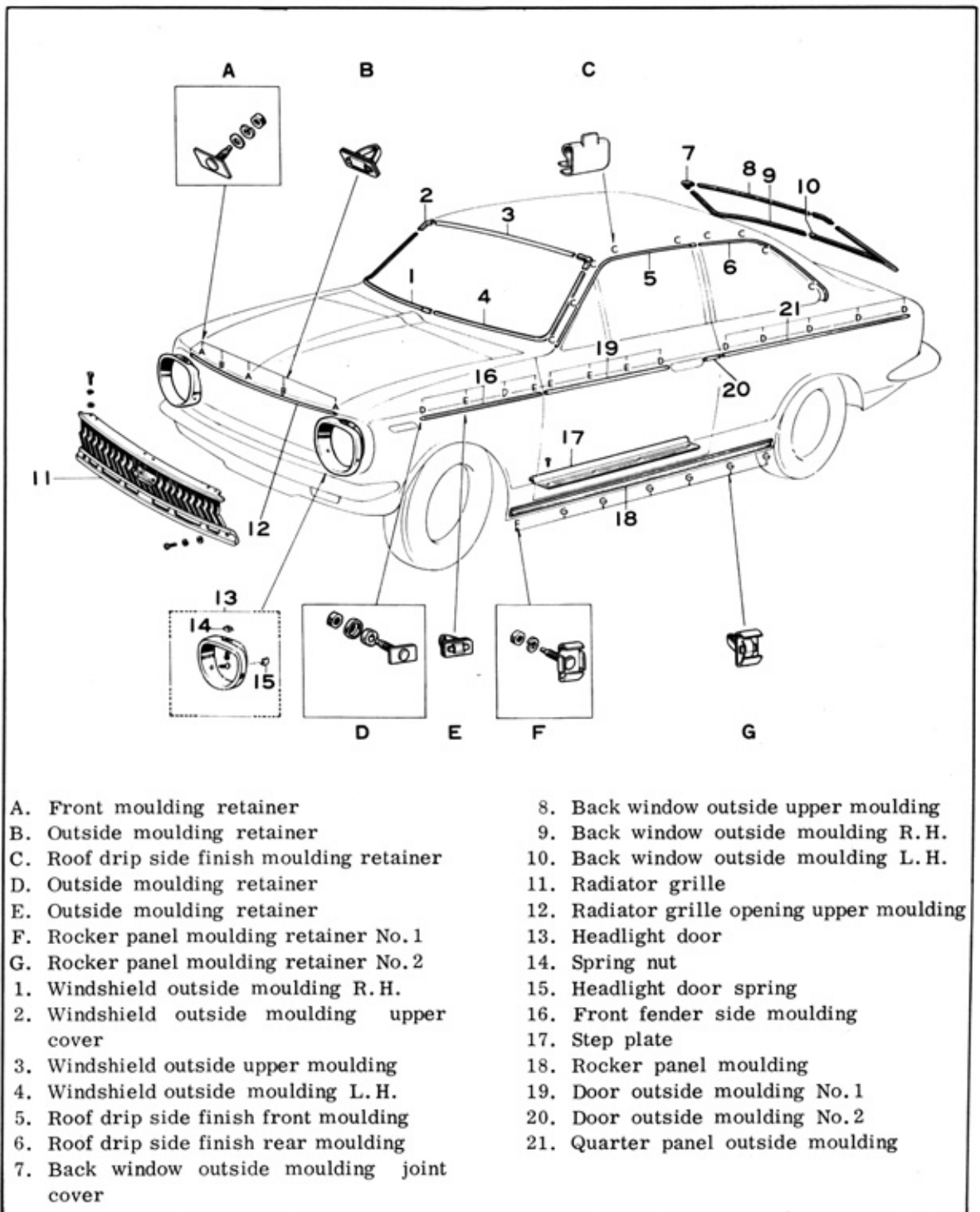


Fig. 1-16 Body Exterior Mouldings

Y 7773

## REAR DOOR WINDOW REGULATOR, REAR WINDOW GLASS (4DOOR SEDAN)

### Removal & Installation

Procedures are same except followings.  
Refer to pages 1-47, 48, 49, 50.

At first remove the inside handle vessel, and at the last operation of installation, install the door inside handle vessel, and the regulator handle so that it will be as illustrated in the Fig. 1-17 on closing the window glass all the way.

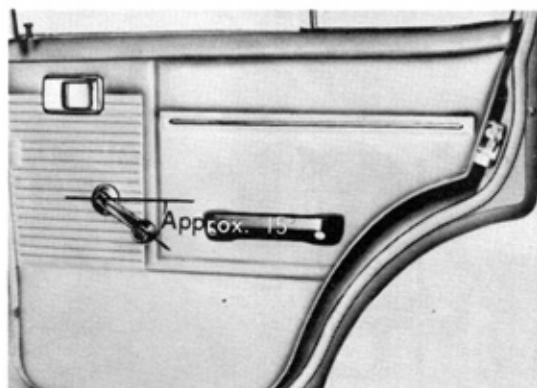


Fig. 1-17 Window regulator handle positioning B 2377

## REAR DOOR REMOTE CONTROL

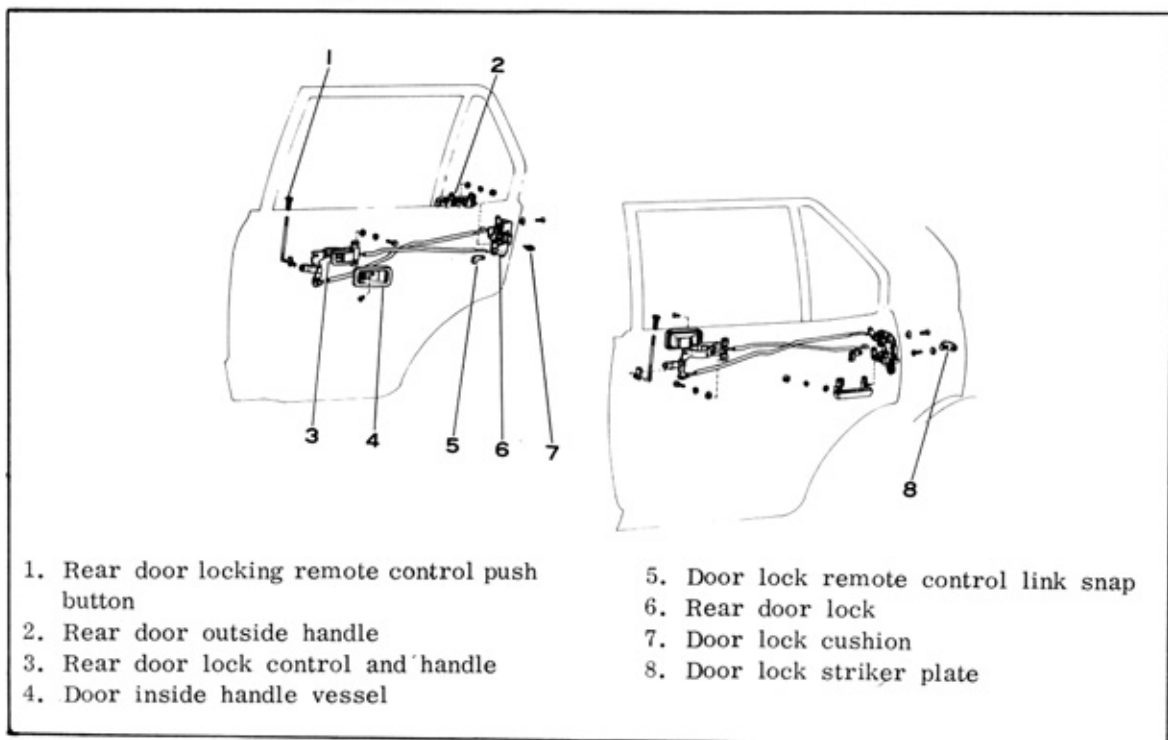


Fig. 1-18 Rear Door Lock Components

Y 7777

### Removal & Installation

To remove and install the control handle, screw or unscrew three rating bolts respectively.

COROLLA SPRINTER BODY

General Description

The body is designed basing on the two door sedan body. With the front and rear windows inclined further, and with the vehicle height further lowered, the streaming line of the fast back style 5

seater body builds up a nice sporty mood. This body differs from the two door sedan body only at the part upper the belt line and rearward from the center pillar.

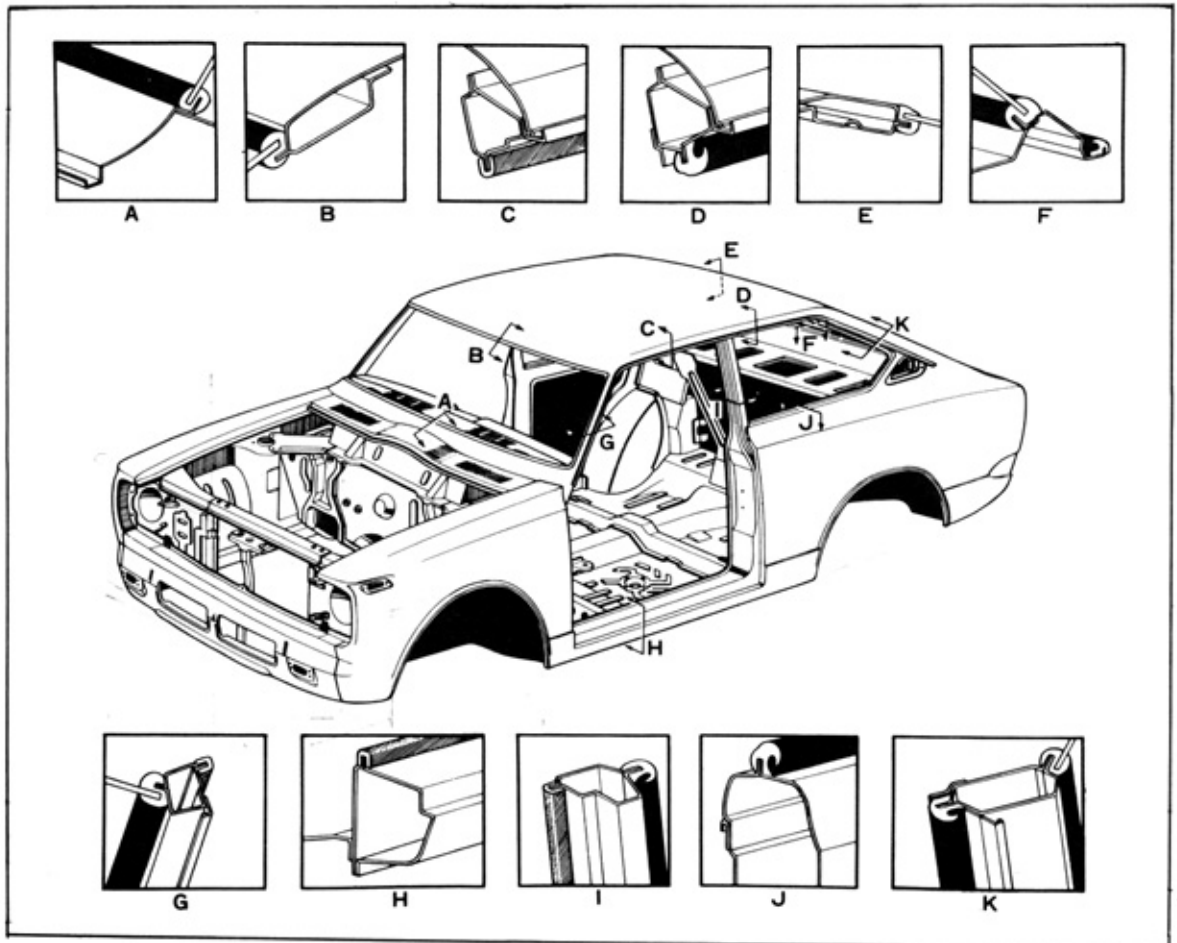


Fig. 1-19 Sprinter Body and Body Sections

Y 7677

ROOF SIDE VENT INNER DUCT  
(On Sprinter)

Removal

Remove the quarter window lock installing screws and the body pillar garnish then remove the roof side vent inner duct.

Installation

Reverse the removal procedures.

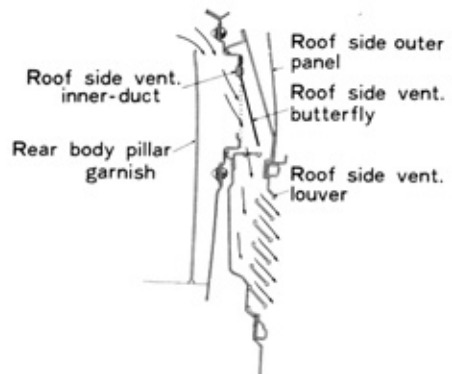


Fig. 1-20 Section of Roof Side Vent Duct

Y 7678

INSTRUMENT PANEL

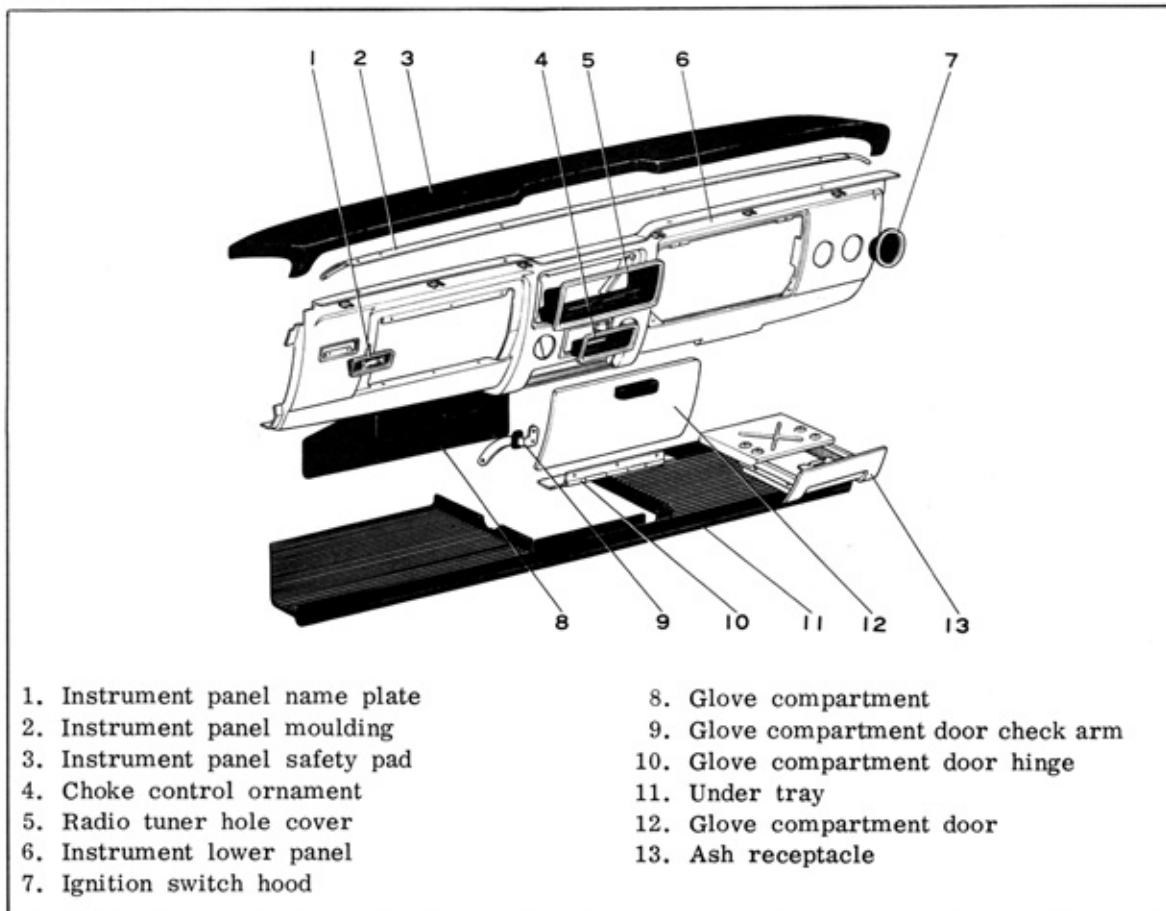


Fig. 2-1 Instrument Panel Components

Y 7655

INSTRUMENT PANEL SAFETY PAD  
& GLOVE COMPARTMENT

Removal and Installation

Same as described on the page 2-10, -11 of Corolla Body R/M.

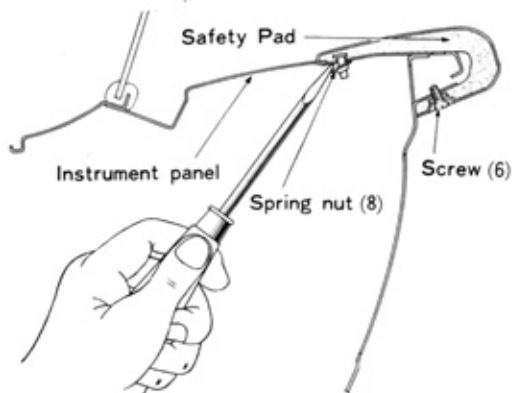


Fig. 2-2 Safety Pad Removal

G 4088

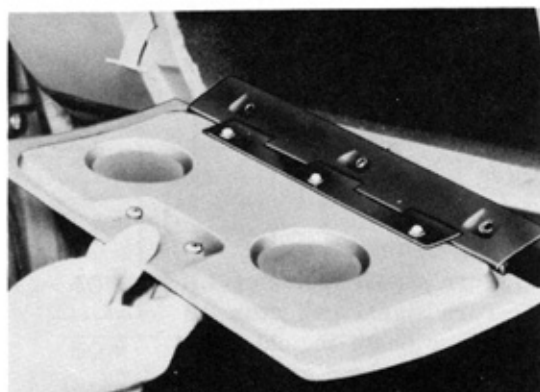


Fig. 2-3 Glove Compartment Removal

B 2382

COMBINATION METER

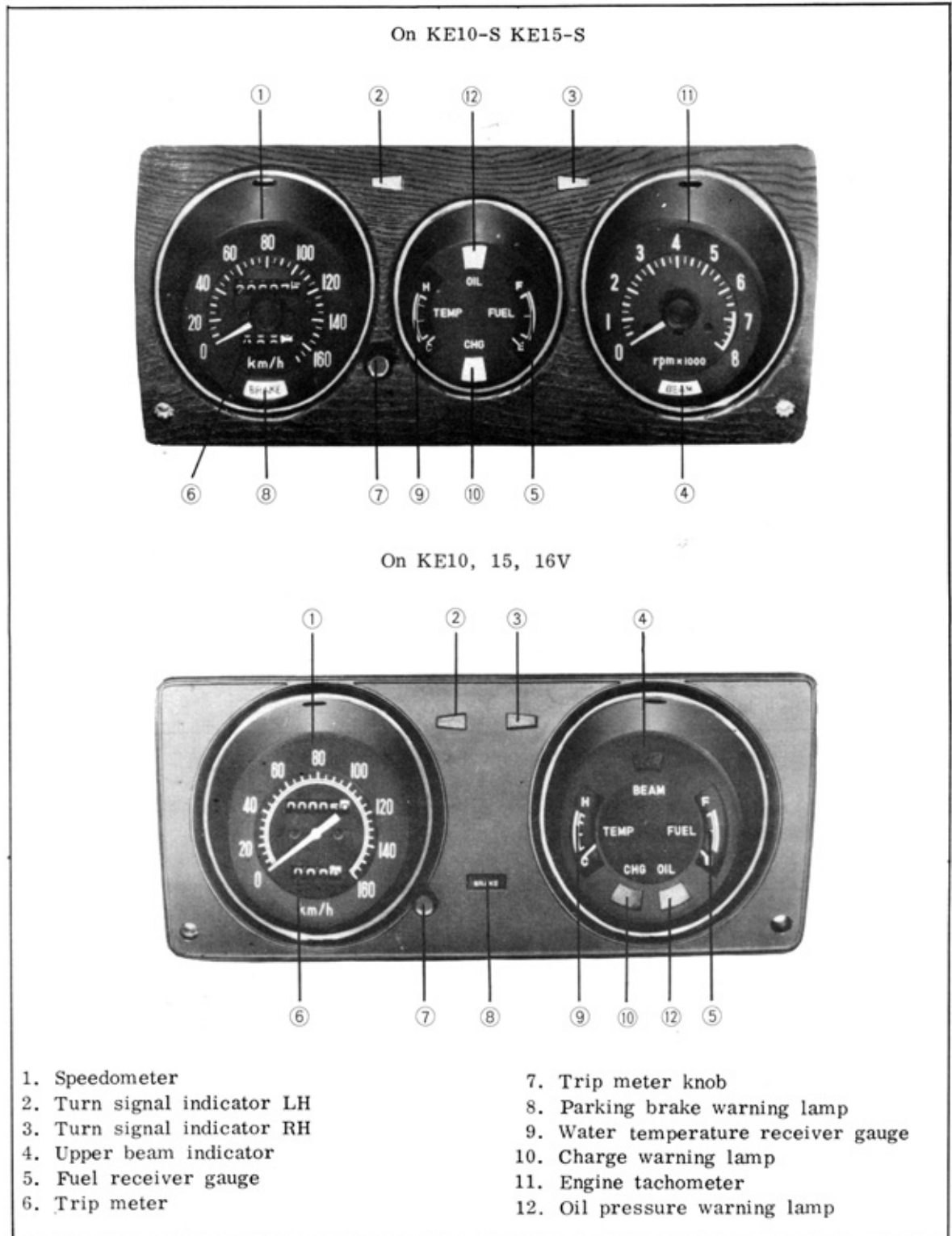


Fig. 2-4 Combination Meter

**BRAKE INDICATOR LIGHT**

The brake switch is retained with the parking brake lever installing bolt. The lamp is connected in series with the

switch, and will light up when the parking brake lever is pulled. It should go off when the lever is released fully.

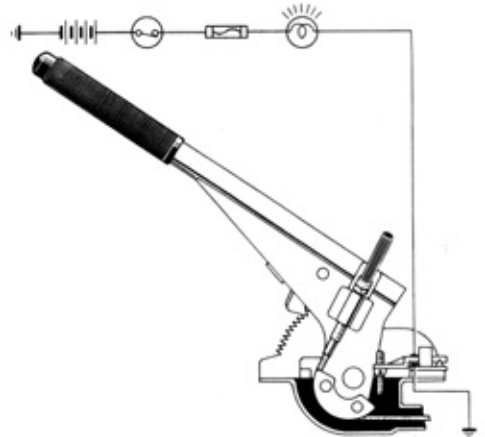
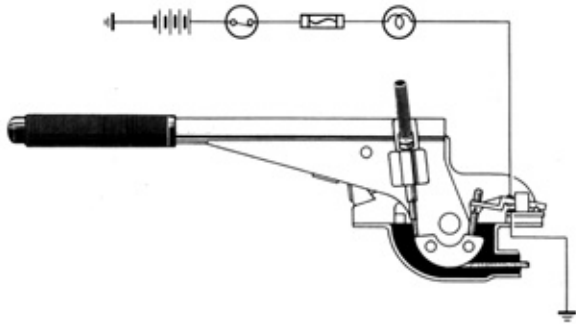


Fig. 2-5 Brake Indicator Light Switch Operation

G 3854, G 3855

On the model with "-A", this light has another function. Two brake line pressure switches are installed on the brake tandem master cylinder, one is for front wheel brakes and the other is for rear wheel brakes. If either the front or rear hydraulic brake system fails due to fluid leakage, the switch makes circuit, and the light glows red to indicate the malfunction. Wiring circuit is as shown left in Fig. 2-6

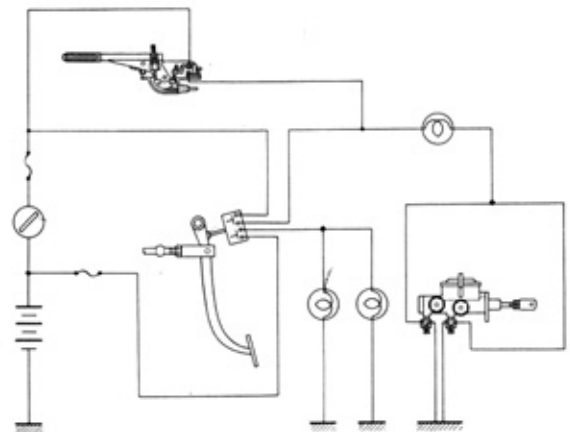


Fig. 2-6 Brake System Wiring Light Circuit

10001

**UPPER BEAM INDICATOR LIGHT**

Toyota corolla 1100 is equipped with sealed beam lamps of 50W/40W double filament type. This upper beam indicator light is connected in parallel with the 50W lamp circuit, and glows when the high beam is actuated by the headlight dimmer switch.

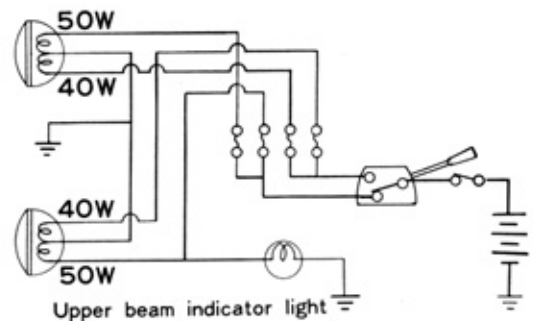


Fig. 2-7 Upper Beam Indicator Light Circuit

G 3856

## COMBINATION METER

Combination meter specifications

Following improvements are effected on the New KE series.

1. Trip meter is equipped on "-S" models.
2. Engine tachometer is equipped on "-S" models.
3. Parking brake indicator:  
Red light 12V 3W 1 pc.  
This light serves on "-A" models as the brake system warning light.

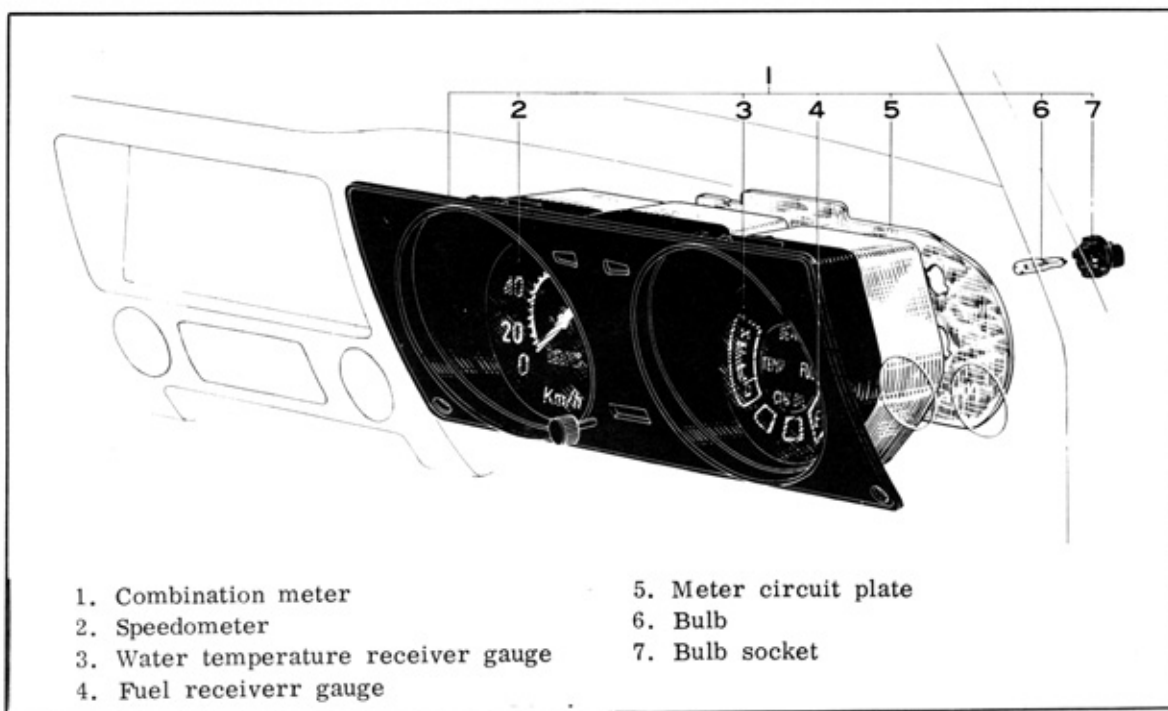


Fig. 2-8 Combination Meter Components

Y 7692

Removal

1. Disconnect the Battery cable at the battery + terminal.
2. Disconnect the speedometer drive cable from the speedometer.
3. Disconnect the wire harness connections.
4. Remove the four screws retaining the meter, then pull out the meter.

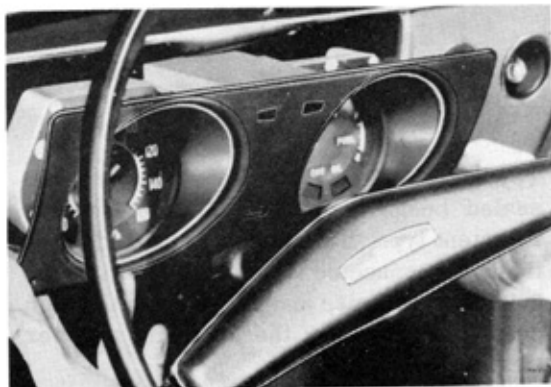


Fig. 2-9 Combination meter removal

B 2362

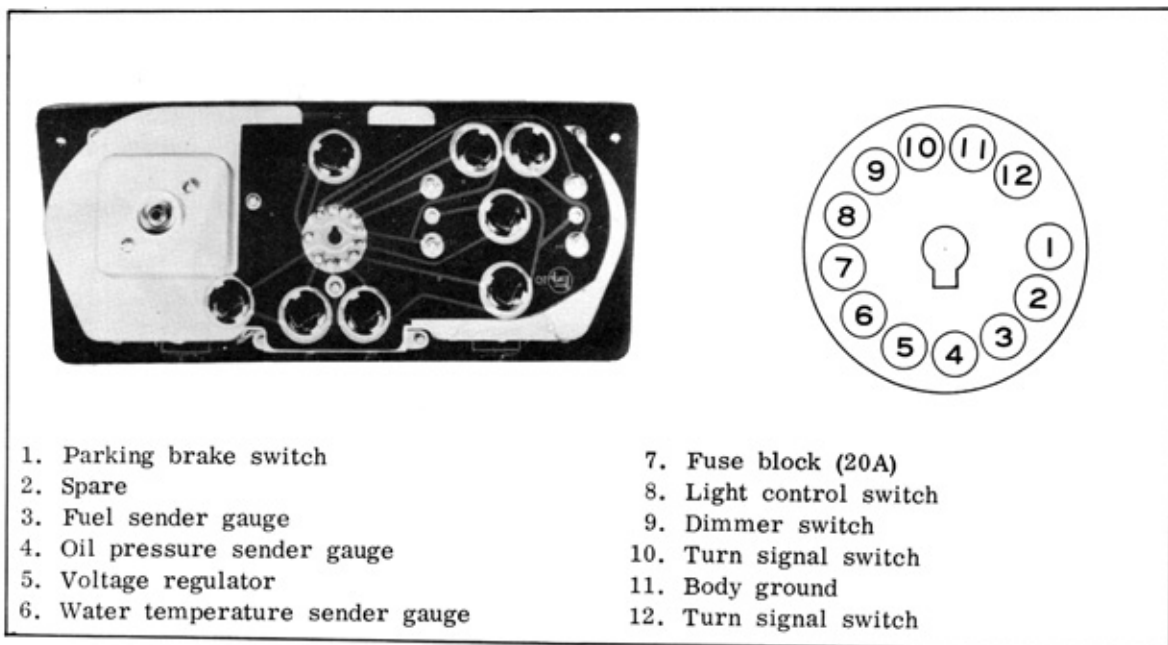


Fig. 2-10 Combination Meter Connections & Wiring  
(KE 10, 15, 16V Series)

V 5452 G3703

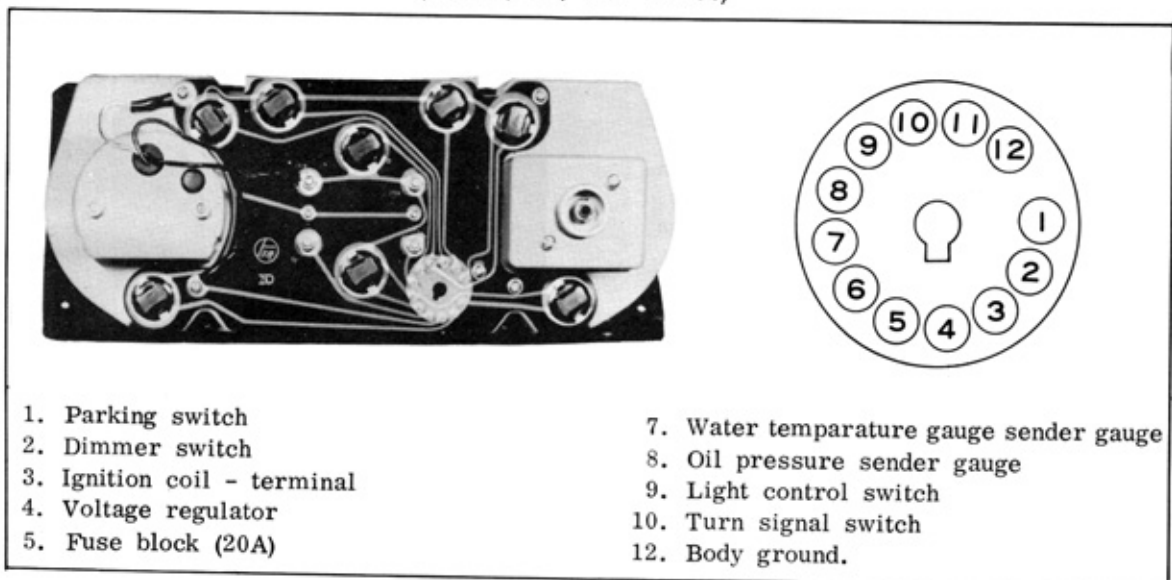


Fig. 2-11 Combination Meter Connections & Wiring  
('-S' Series)

V 5520 G3703



### SPEEDOMETER DISASSEMBLY

1. Turn the meter bulb socket counter-clockwise.
2. Pull out the bulbs.
3. Nip the trip meter resetting shaft with a long nose prier and turn the resetting knob counterclockwise to remove it.
4. Remove the tapping screws retaining the meter cover.
5. Unscrew the screws retaining the window case.
6. Remove from the meter case the fuel receiver gauge, water temperature receiver gauge and the speedometer.
7. Remove the meter circuit plate attaching screws, and remove the circuit plate.

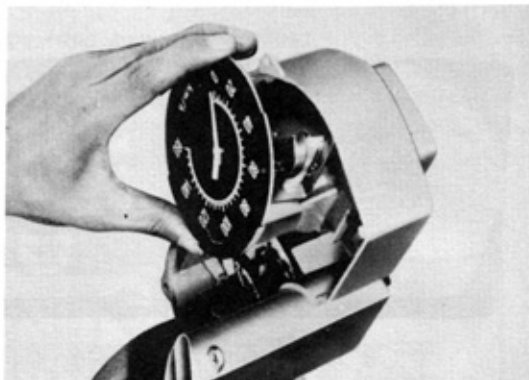


Fig. 2-12 Meter Disassembly B 2383

\* \* \* \* \*

### TURN SIGNAL & HEAD LIGHT FLASHER SWITCH

#### Removal

1. Disconnect the switch to horn wiring at the connector.
2. Remove the horn button by pulling it and then remove the compression spring.  
(On "-S" models, turn the horn button counterclockwise while pushing it.)

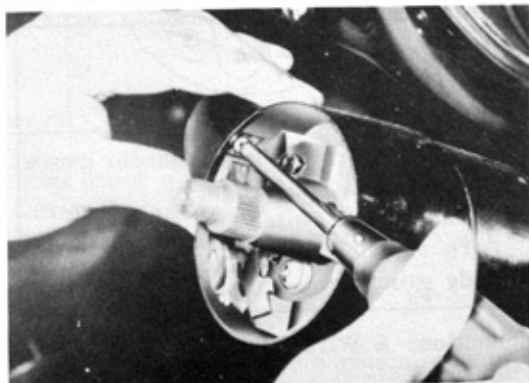


Fig. 3-1 Horn Button Removal B 2393

3. Remove the nut retaining the steering wheel.
4. Remove the steering wheel using the steering wheel puller (09609-20010).
5. On "-H" models, remove the control shaft upper bracket and then remove the bush and the E ring.

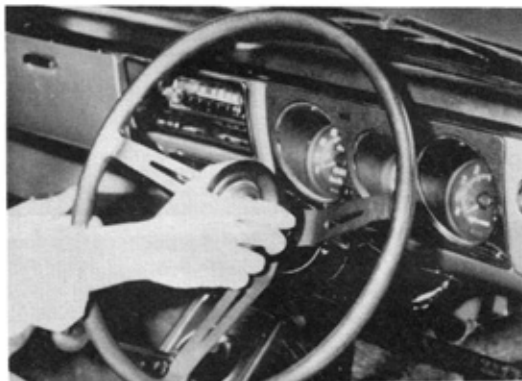


Fig. 3-2 Upper Bracket Cover Removal B 2394

6. Remove the turn signal switch set screws, then remove the switch.

**HEADLIGHT FLASHER OPERATION**

The headlight flasher system, if installed is integrally constructed in the turn signal flasher switch. When the switch lever is moved upward with the ignition switch in ON position, both the headlights will light

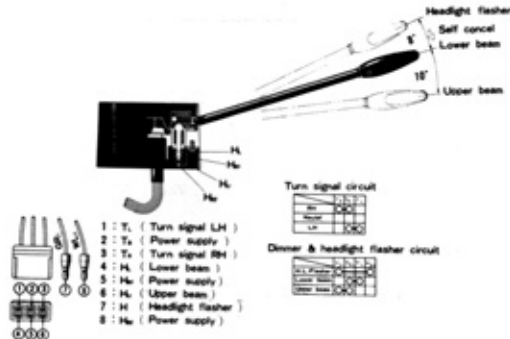


Fig. 3-A Headlight Flasher 10919

up simultaneously independent of the light switch, and the lever returns to the original position by releasing the lever from the switch lever.

The driver can turn the headlights on and off by flicking the lever up and down to attract attention of oncoming traffic.

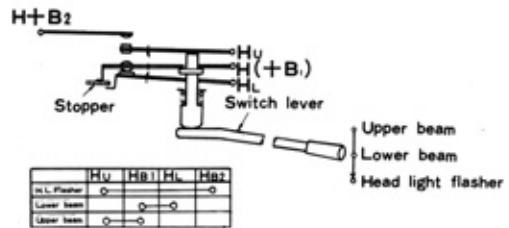


Fig. 3-B Point Circuit 10920

**FUSE BLOCK**

The number of fuses is increased to ten, and one fuse is installed in each headlight circuit for safety. Even if one circuit is shorted, the other lights will not go out.

Removal

1. Remove the fuse block from the fuse block bracket.
2. Remove the wirings from the fuse block.

Installation

Reverse the removal procedure.

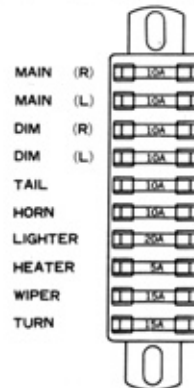


Fig. 3-3 Fuse Block Wiring Connections C 122

## WINDSHIELD WIPER

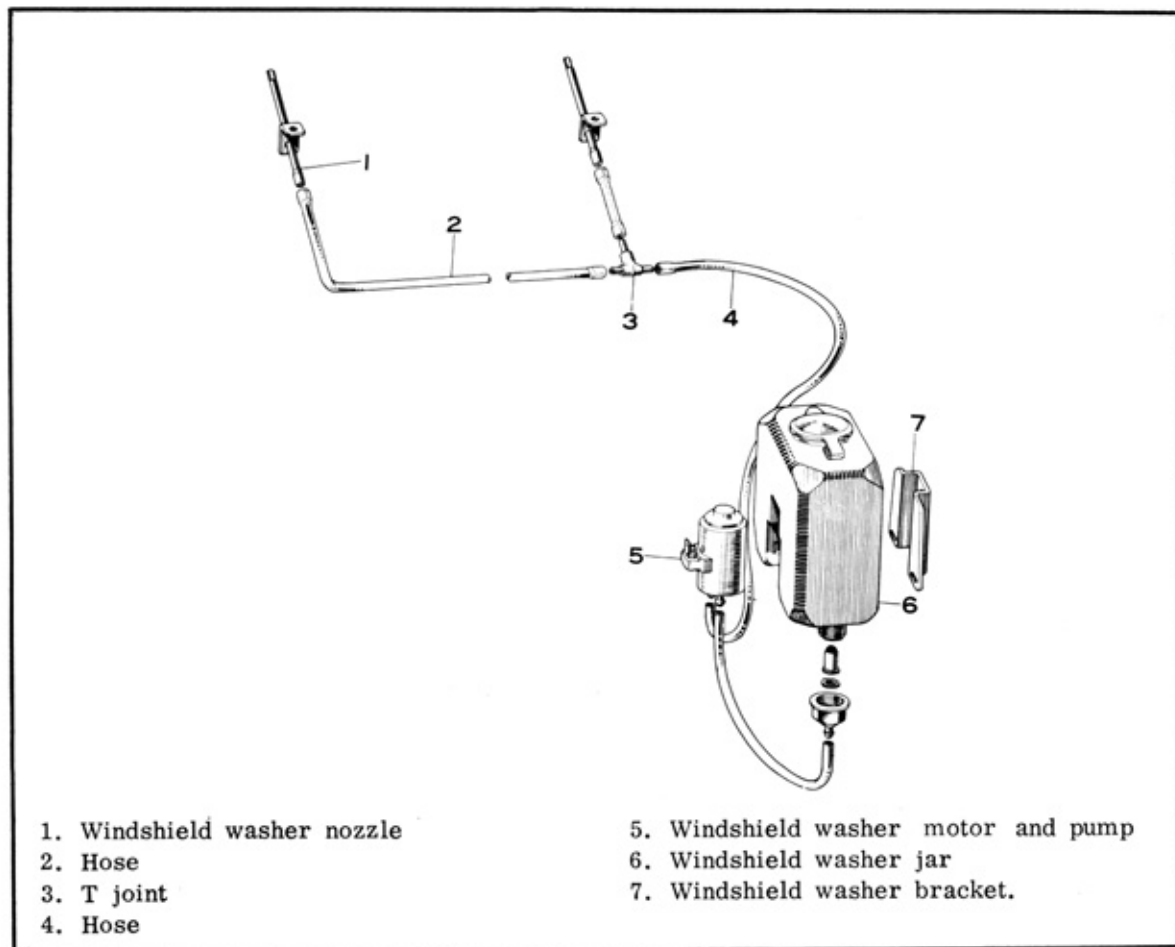
Specification

Blade shaft rotation  
with a load of 6cm-kg:  
40 ~ 48 rpm at low speed  
55 ~ 69 rpm at high speed

## WINDSHIELD WASHER

Specification

Delivery pressure : 0.5 kg/cm<sup>2</sup>  
(7.1 lb/in<sup>2</sup> )  
Tank capacity : approx. 1.1 liters  
(1.2 US qt, 1.0 Imp. qt)  
Weight : approx. 500 g (17.7 oz)



1. Windshield washer nozzle
2. Hose
3. T joint
4. Hose

5. Windshield washer motor and pump
6. Windshield washer jar
7. Windshield washer bracket.

Fig. 3-4 Windshield Washer Components

Y 7693

Removal

1. Remove the cowl ventilator.
2. Remove the nozzle and the hose.
3. Disconnect the wiring at the connector.
4. Remove the hose from the pump.
5. Remove the washer tank from the bracket.
6. Remove from the washer tank the motor and pump assembly.

Installation

Reverse the removal procedures. Do not misconnect the ⊕ and ⊖ wirings. Connect hoses securely without distortion.

LIGHT CONTROL SWITCH WIRING

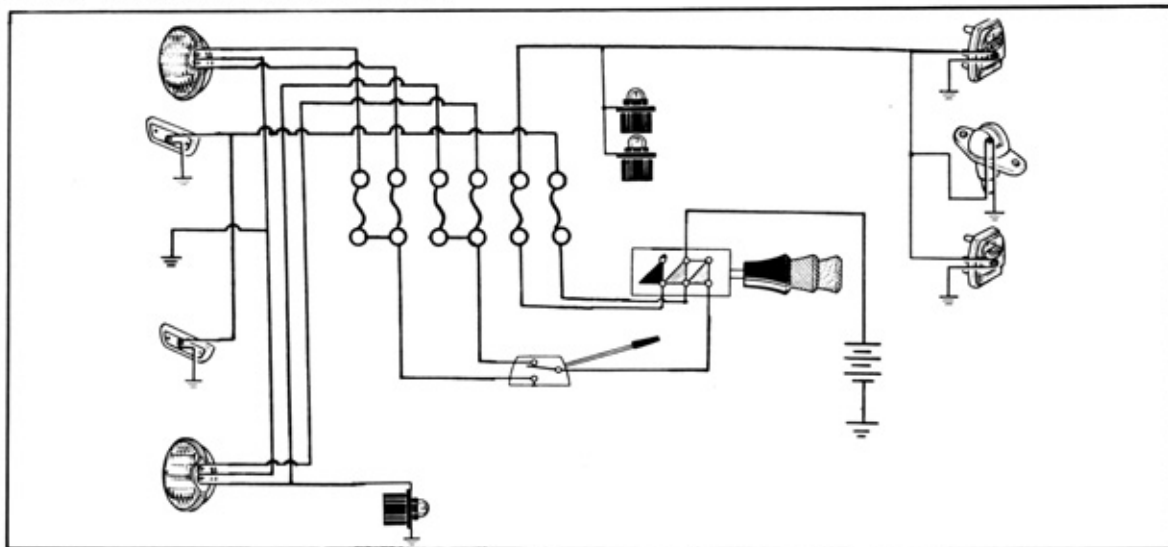


Fig. 3-5 Light Control Switch Wiring

G 3852

REAR COMBINATION LIGHT

(KE 15, 17 Series)

1. Rear combination lamp rim.
2. Rear combination lamp lens
3. Rear combination lamp shade No.2
4. Rear combination lamp shade No.1
5. Bulb 12 V 12W
6. Rear combination lamp lens gasket
7. Bulb 12V 25W
8. Bulb 12V 25/8W
9. Rear combination light body
10. Rear combination light bracket
11. Rear combination lamp body gasket
12. Rear combination lamp socket and wire

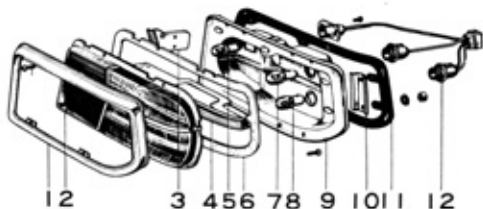


Fig. 3-6 KE 15, 17 Rear Combination Light Components Y 7702

Removal

1. Disconnect the wiring connector.
2. Remove six nuts retaining the lamp body and remove the body assembly.
3. Remove the screw retaining the lamp rim, and remove the rim.
4. Remove the screw retaining the lamp lens, and remove the lens.
5. To remove bulbs, push them lightly and turn counterclockwise.

Note : Bulb replacement can be made without removing the lens, but removing the bulb and socket only.

Installation

Reverse the removal procedure.

**REAR COMBINATION LAMP**  
(KE16V, 18V Sereis)

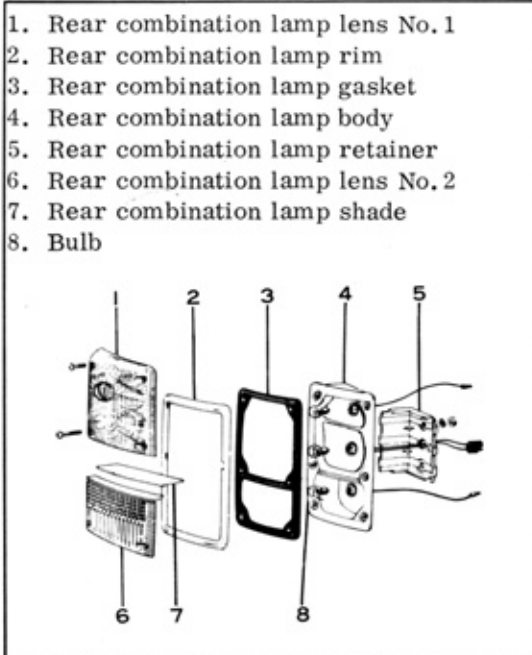


Fig. 3-7 KE16V Rear Combination Lamp Components G 3882

Removal

1. Remove the lamp lens and the lamp rim by removing the six retaining screws.
2. Remove the bulb.
3. Remove the quarter trim rear panel.
4. Disconnect the wiring at the connector.
5. Remove the nut retaining the lamp body then remove the lamp body and the retainers.

Installation

Reverse the removal procedure.

**ROOM LAMP**

Note : Inner rear view mirror on the new model is more safe type, as it will drop off when an impact of more than 40 kg ( 88 lbs) is applied breaking the stay support screws made of resin.

**LICENCE PLATE LIGHT (KE16V, 18V Sereis)**

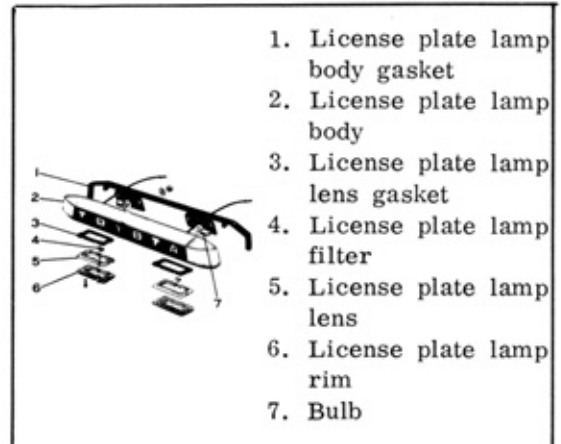


Fig. 3-8 License Plate Lamp Components (KE16V Series) G 3881

Removal

1. Remove the lamp rim and the lamp lens by unscrewing.
2. Remove the bulb.
3. Remove the back door trim board.
4. Disconnect the wiring at the connector
5. Remove four nuts retaining the license plate lamp body and then remove the body.

Installation

Reverse the removal procedure.

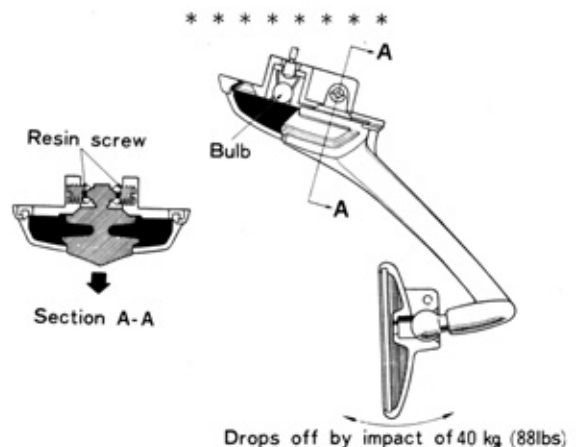


Fig. 3-9 Inner Rear View Mirror with Room Lamp G 3701

### LIGHT CONTROL SWITCH & WIPER SWITCH

On installation, mate the projections of the switch body and the switch hood with the slot in the instrument panel.

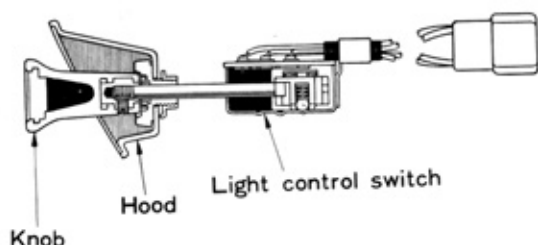


Fig. 3-10 Light Control Switch G 3704



Fig. 3-11 Light Control Switch Removal B 2384

### IGNITION SWITCH

On installation, mate the projections of the switch body and the switch hood with the slot in the instrument panel.



Fig. 3-12 Ignition Switch Removal B 2758

### PARKING BRAKE LAMP SWITCH

#### Removal

Unscrew the bolt retaining the parking brake lamp switch at parking brake lever installing position.

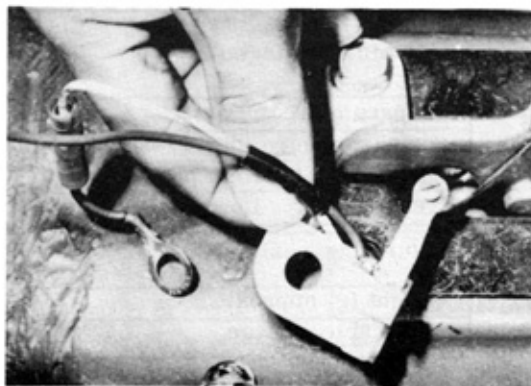


Fig. 3-13 Parking Brake Lamp Switch Removal B 2385

Installation

Reverse the removal procedure. After installation perform the switch adjustment. So that the light goes off when the lever is fully released.

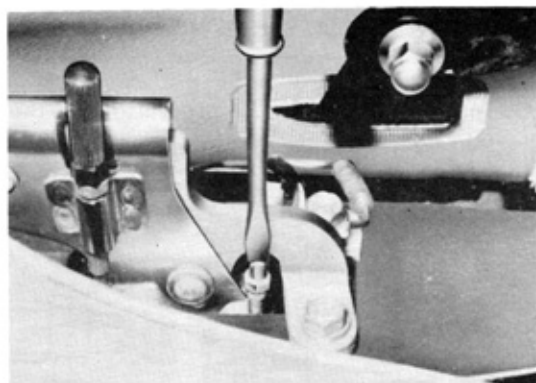


Fig. 3-14 Switch adjustment B 2345

**BULB CAPACITY**

The bulbs used have the following capacities from September 1969 production.

Headlight	50/40 W	Back-up light	23 W
Front turn signal light	23/ 8 W	License plate light	7.5 W
Side turn signal light	6 W	Room light	5 W
Rear turn signal light	23 W	Combination meter light	3 W
Stop & tail light	23/ 8 W	Illumination light for radio	3 W

**HORN**Specification

Terminal voltage (V)	Trumpet type		Vibrator type	
	Denso	Maruko	Denso	Maruko
	13	13	13	13
Ampere (A)	1.5 ~ 2.5	2.5max.	1.5 ~ 3	2.5 max.
Sound pressure (db)	100 ~ 110	100 ~ 110	103 ~ 113	105 ~ 110
Specified (c/s) frequency	High pitched horn	410 ~ 440	415 ~ 445	375 ~ 405
	Low pitched horn	325 ~ 355	343 ~ 373	310 ~ 340
Insulating resistance	More than 3 at normal temp. and with 500V. insulating resistance			
Weight (g) approx.	460	500	400	500
Applicable voltage	9 ~ 14.5	10 ~ 14	9.0 ~ 14.5	10 ~ 14

Horns are of Nippon Denso and Maruko Keigouki makes, and both utilize high pitched and low pitched horns to make an excellent sound of combined tones.

On "-S" models, a new type horn is equipped which produces a good straightforward and far-attainable sound. This horn uses instead of the trumpet a vibrator which changes the moving plate vibration so as to produces agreeable and far-attainable sound.

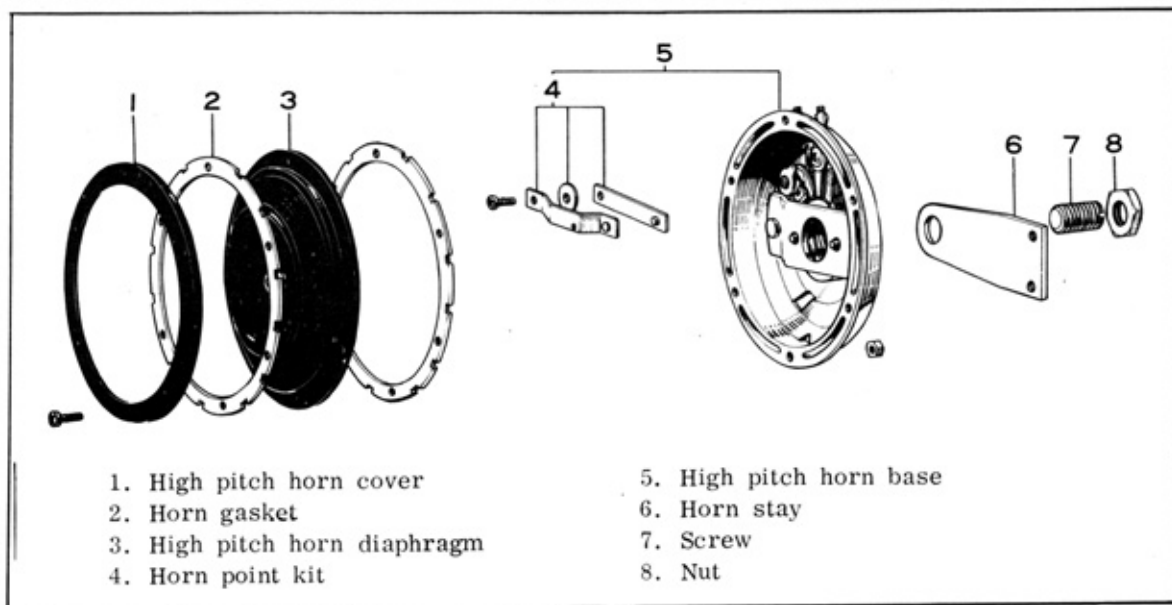


Fig. 3-15 Vibrator Type Horn Components

G 3883

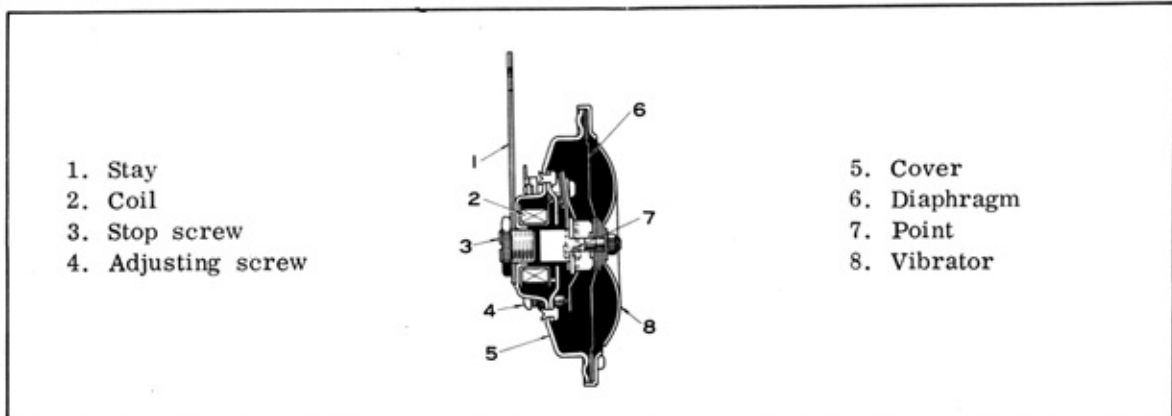


Fig. 3-16 Vibrator Type Horn Construction

G 2772

WIRING HARNESS DIAGRAMS

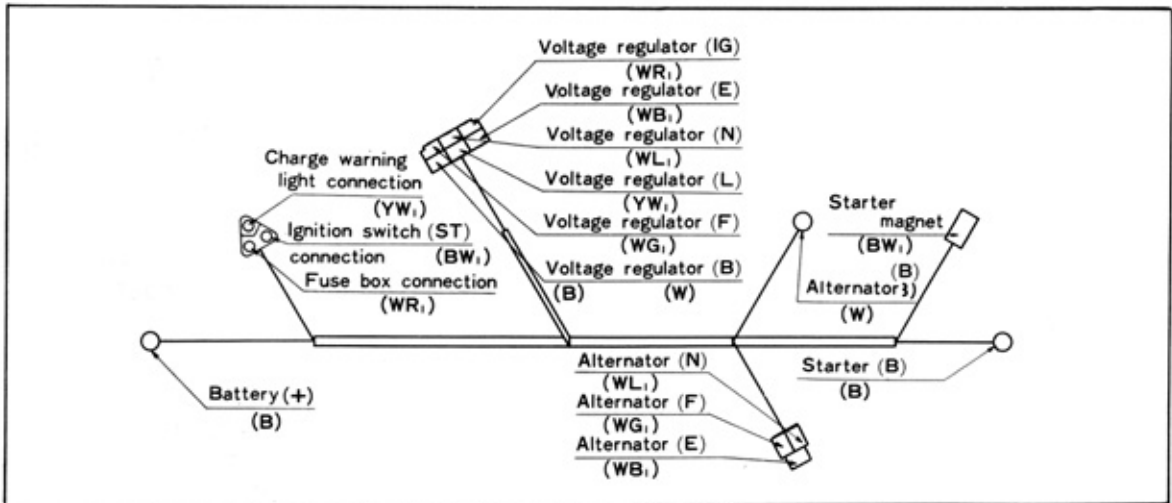


Fig. 3-17 To Cenerator Wiring Harness (COROLLA 1100, 1200) Y 7783



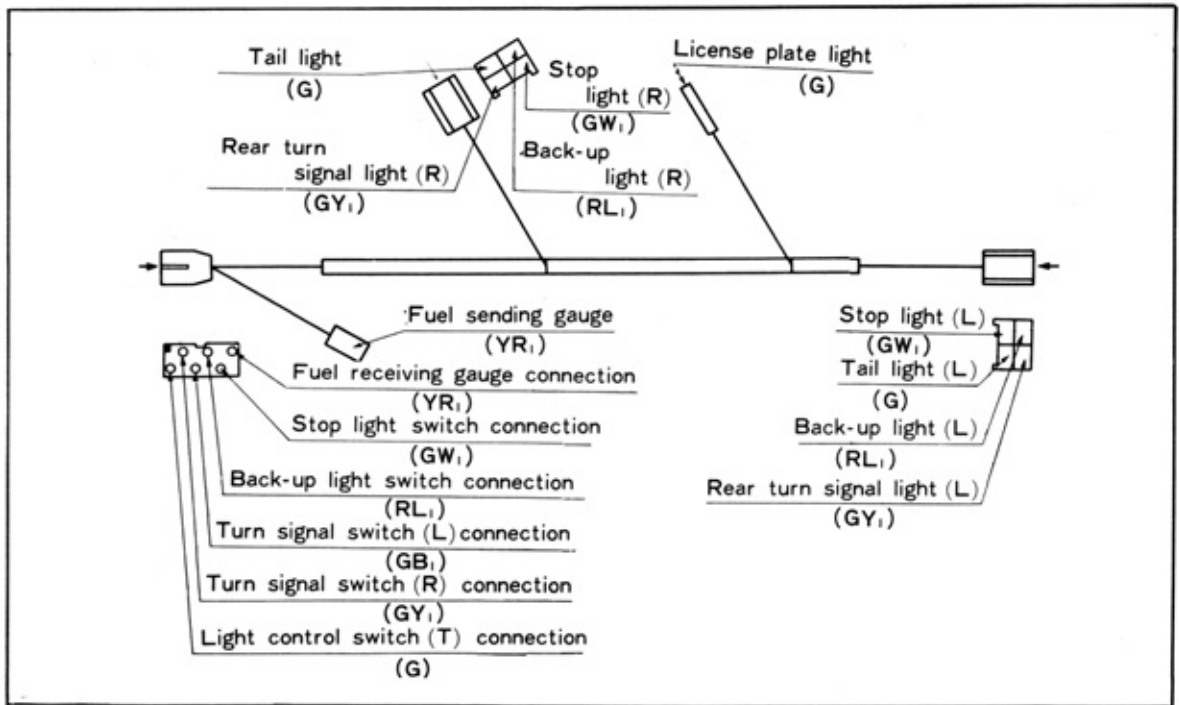


Fig. 3-18 To Rear Light Wiring Harness (COROLLA 1100)

Y 7701

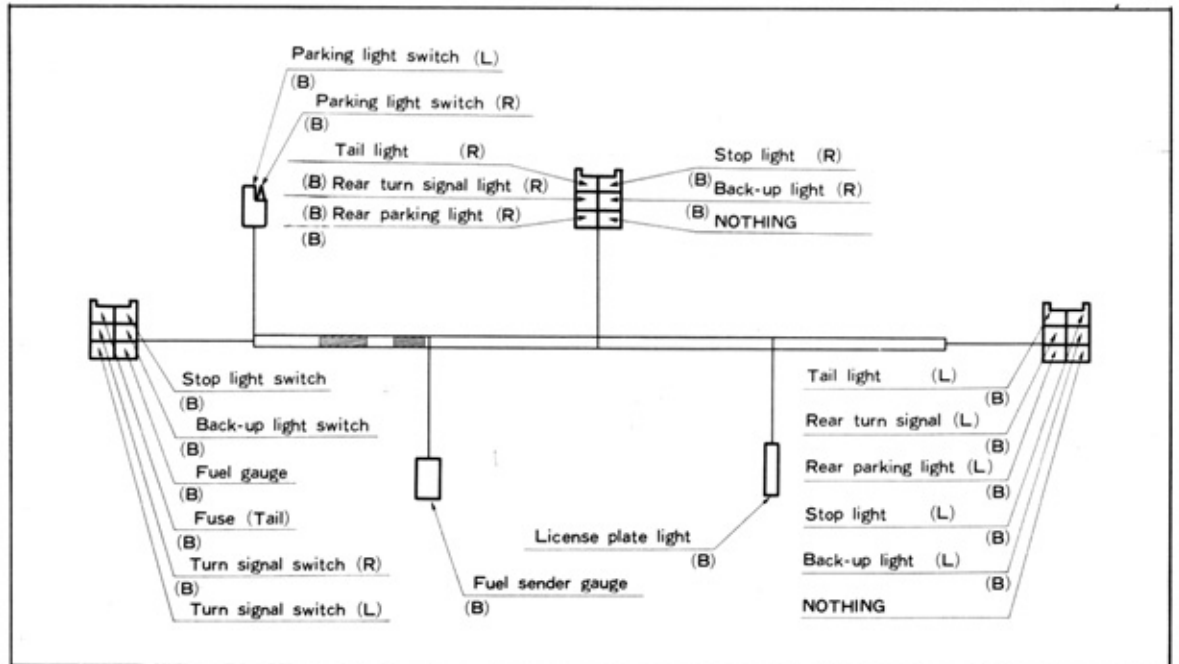


Fig. 3-19 To Rear Light Wiring Harness (COROLLA 1200)

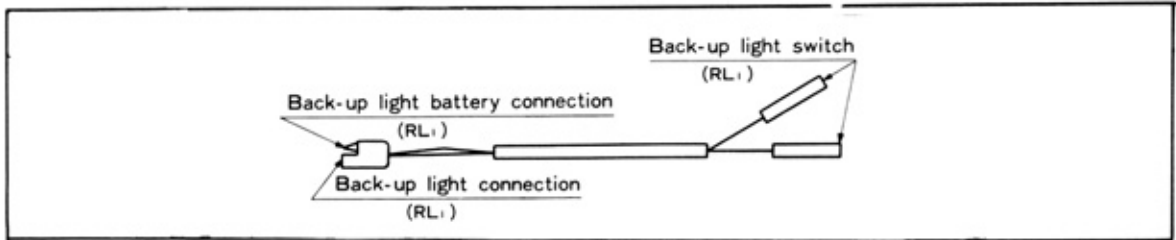


Fig. 3-20 To Back-up Light Wiring Harness (COROLLA 1100,1200) G 3878

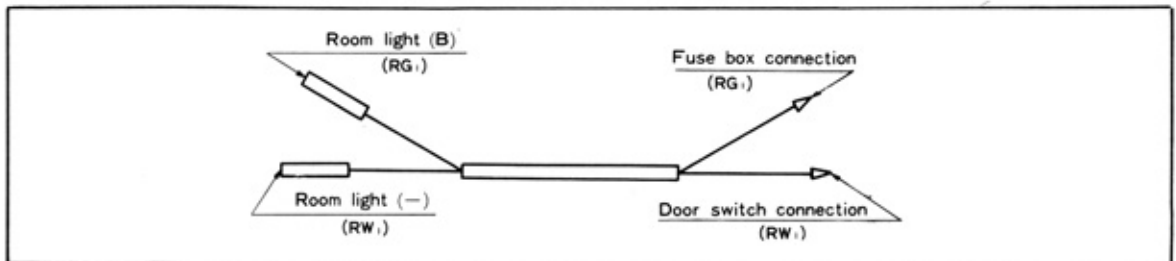


Fig. 3-21 To Room Light Wiring Harness (COROLLA 1100,1200) G 3877

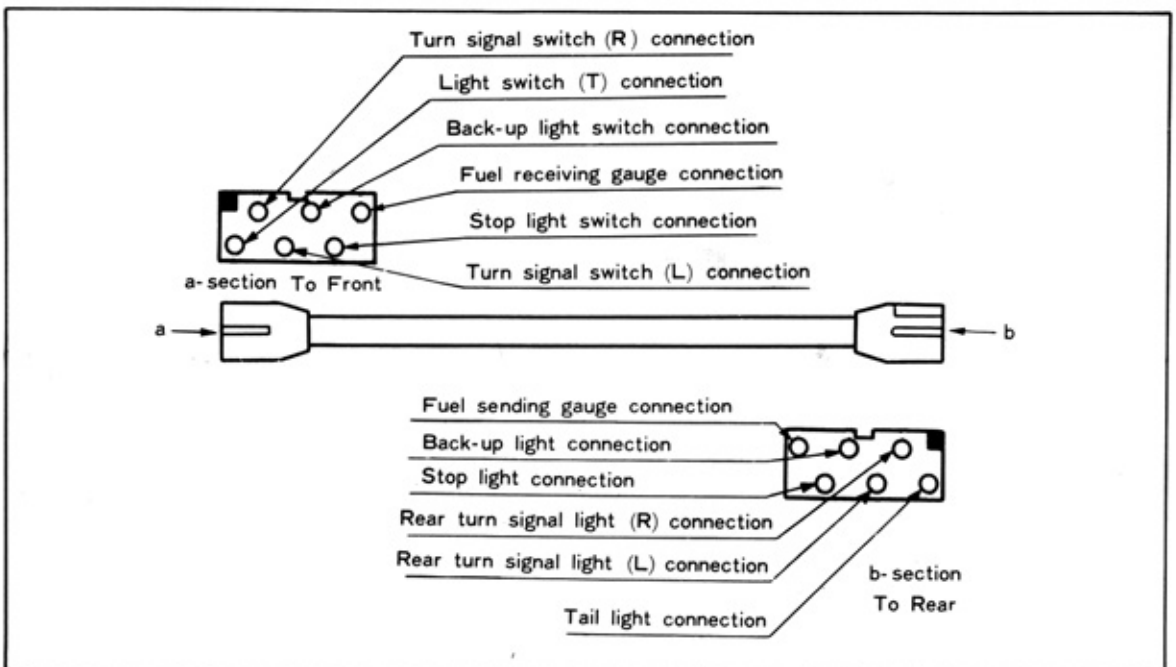


Fig. 3-22 Chassis Wiring Harness (COROLLA 1100)

G 3879

The Cowl To Head Lamp Wiring Harness and the Wiring Diagrams are at the end of this supplement.

## HEATER

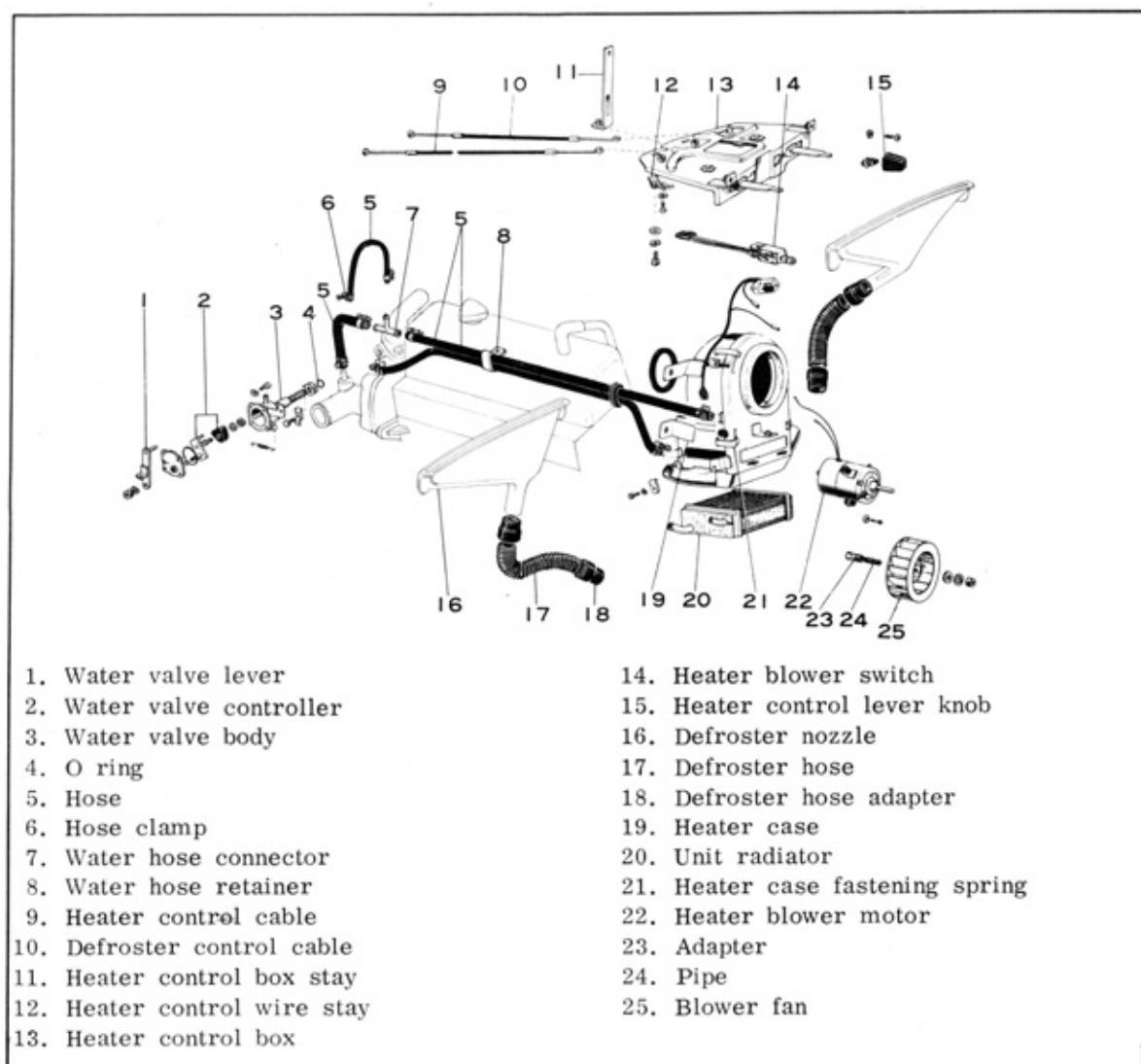


Fig. 4-1 Car Heater Components

Y 7699

RADIO

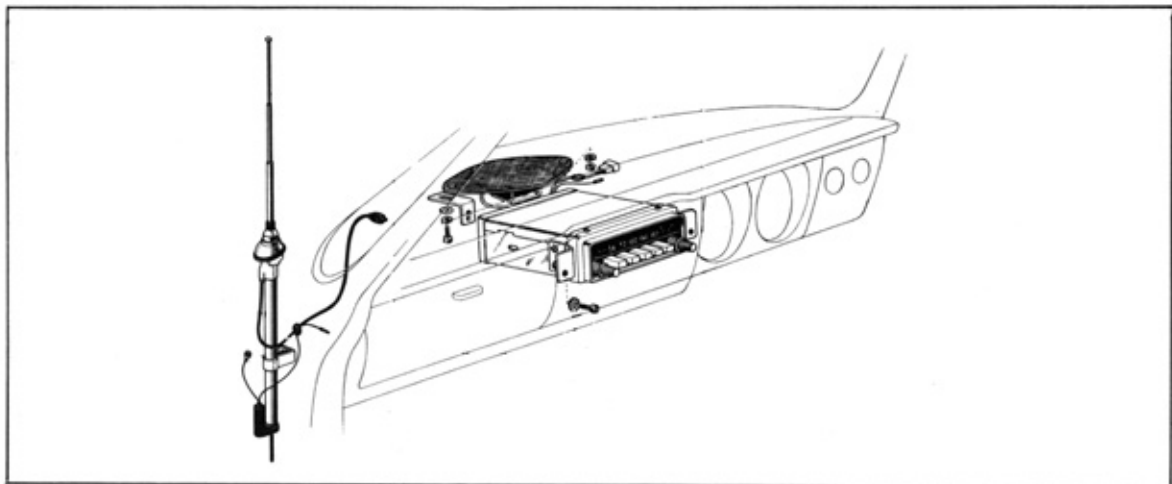


Fig. 4-2 Radio

G 3880

Removal

1. Remove the heater control knobs, and then remove the radio tuner hole cover.
2. Pull out the ash receptacle, and then remove the ash receptacle retainer.
3. Disconnect the wirings and remove the three bolt retaining the radio body.
4. Take out the radio tuner assembly from the panel.



Fig. 4-3 Removing Radio Tuner B 2360

Installation

Reverse the removal procedures.

Note : Radio Repair Manual is available separately. If necessary, please pass order to our Parts Division with the radio model specified.

\*\*\*\*\*

S. S. T.



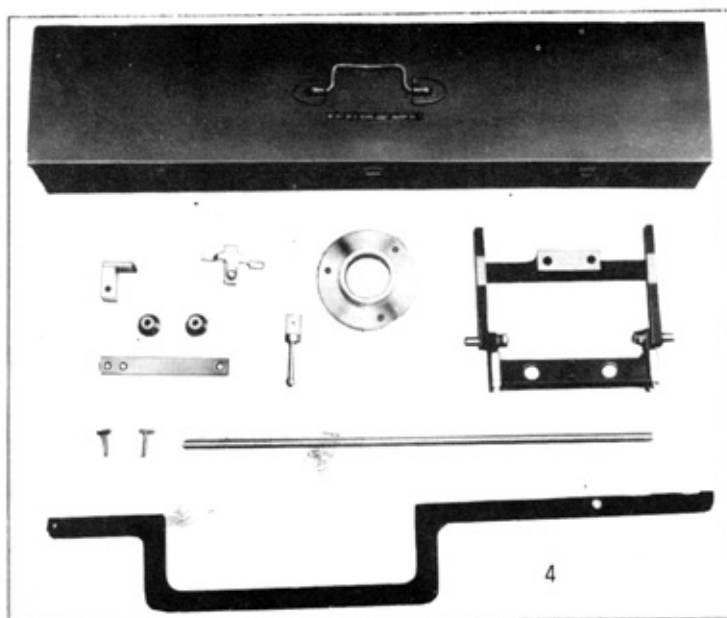
1



2



3



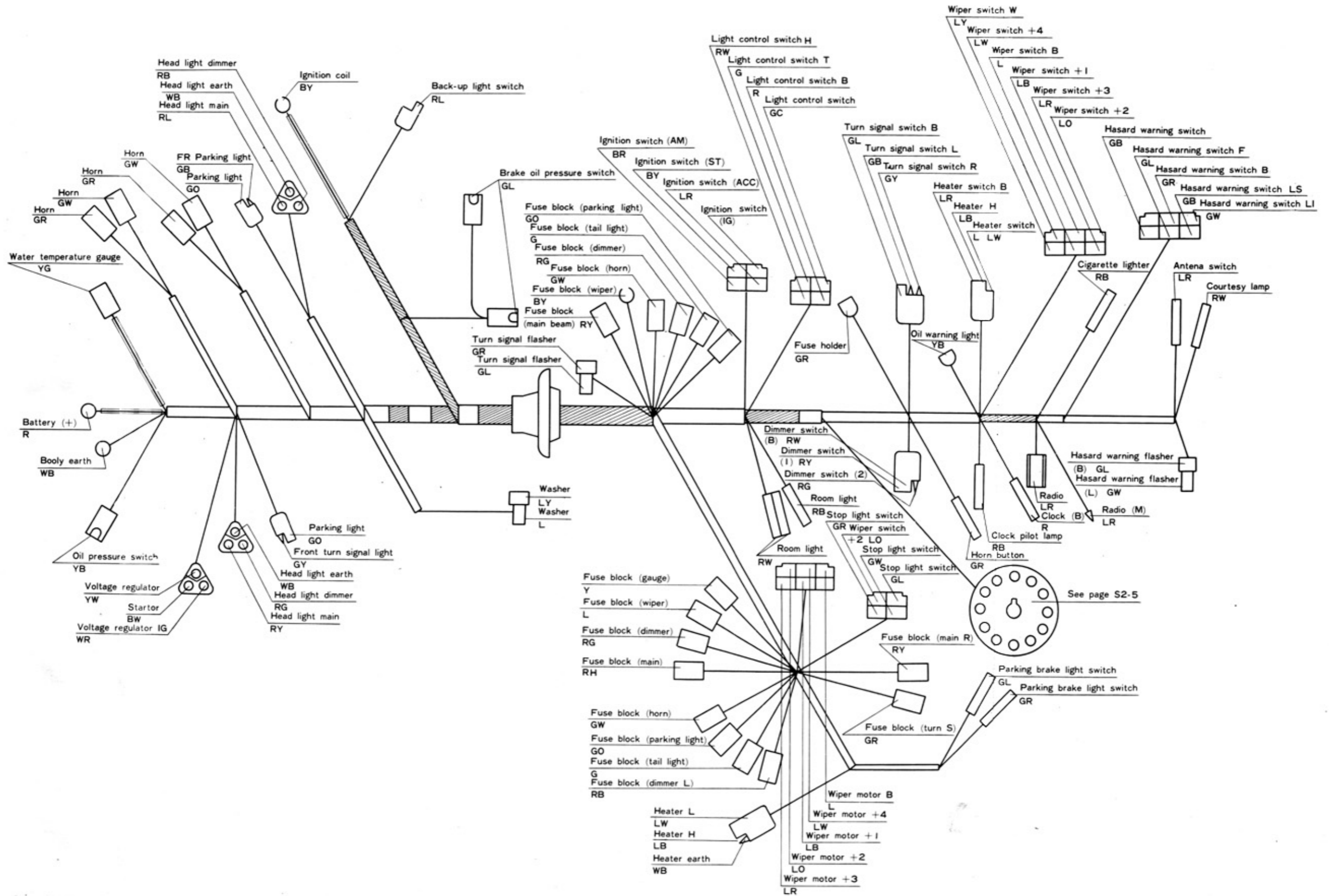
4

V 5795

V 5796

1. 09802-12020 Ignition switch lock nut wrench
2. 09810-62010 Lighting switch lock nut wrench
3. 09804-13010 Back door torsion spring tool
4. 09722-12010 Front suspension gauge

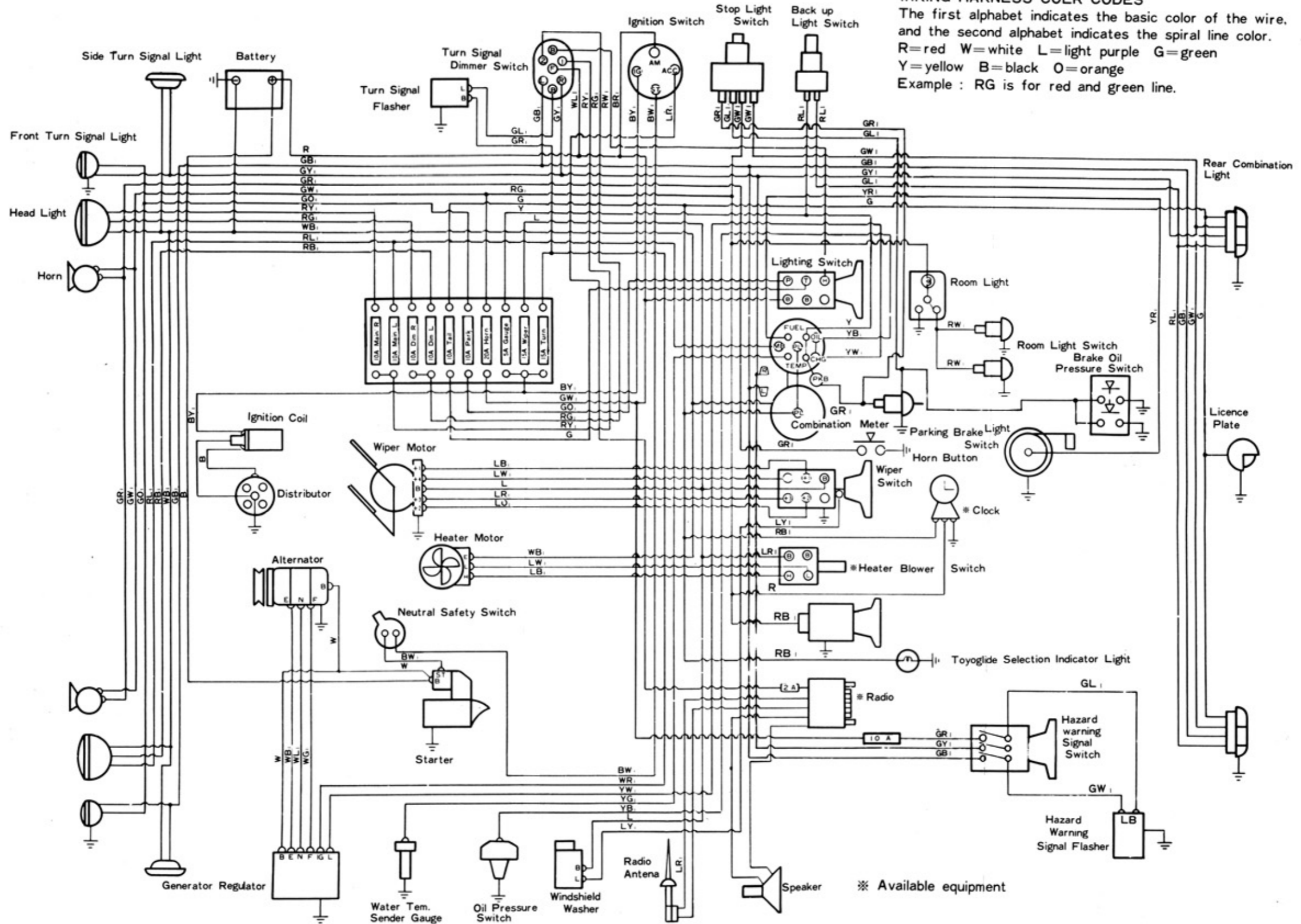
# COWL TO HEADLIGHT WIRING HARNESS (COROLLA 1100)



# ELECTRICAL WIRING DIAGRAM for Models KE10(L), 15(L), 16V(L), Series

## WIRING HARNESS COLOR CODES

The first alphabet indicates the basic color of the wire, and the second alphabet indicates the spiral line color.  
 R=red W=white L=light purple G=green  
 Y=yellow B=black O=orange  
 Example : RG is for red and green line.



# ELECTRICAL WIRING DIAGRAM for Models KE11(L), 17(L), 18V(L) Series

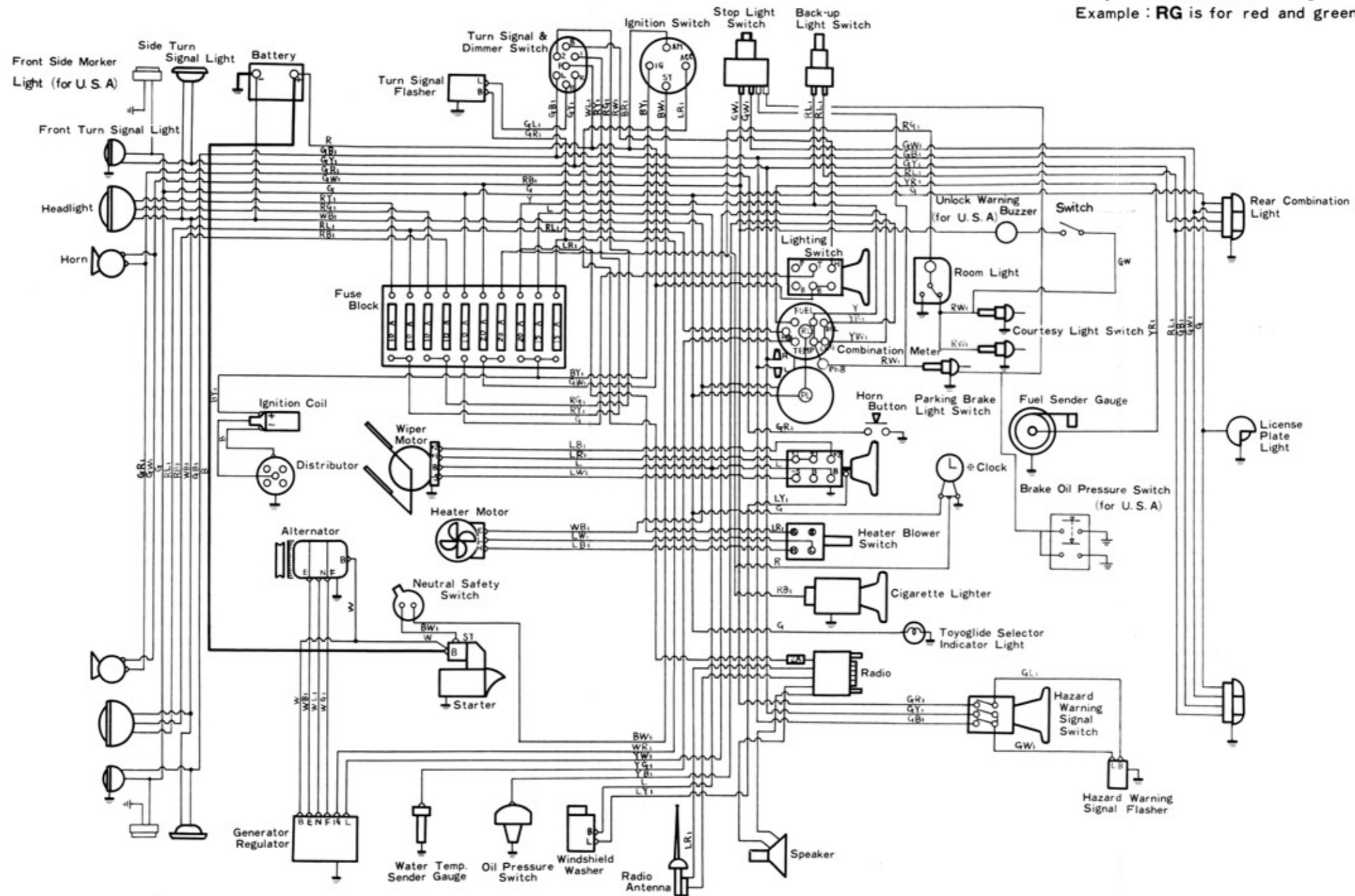
## WIRING HARNESS COLOR CODES

The first alphabet indicates the basic color of the wire and the second alphabet indicates the spiral line color.

**R**=red **W**=white **L**=light purple **G**=green

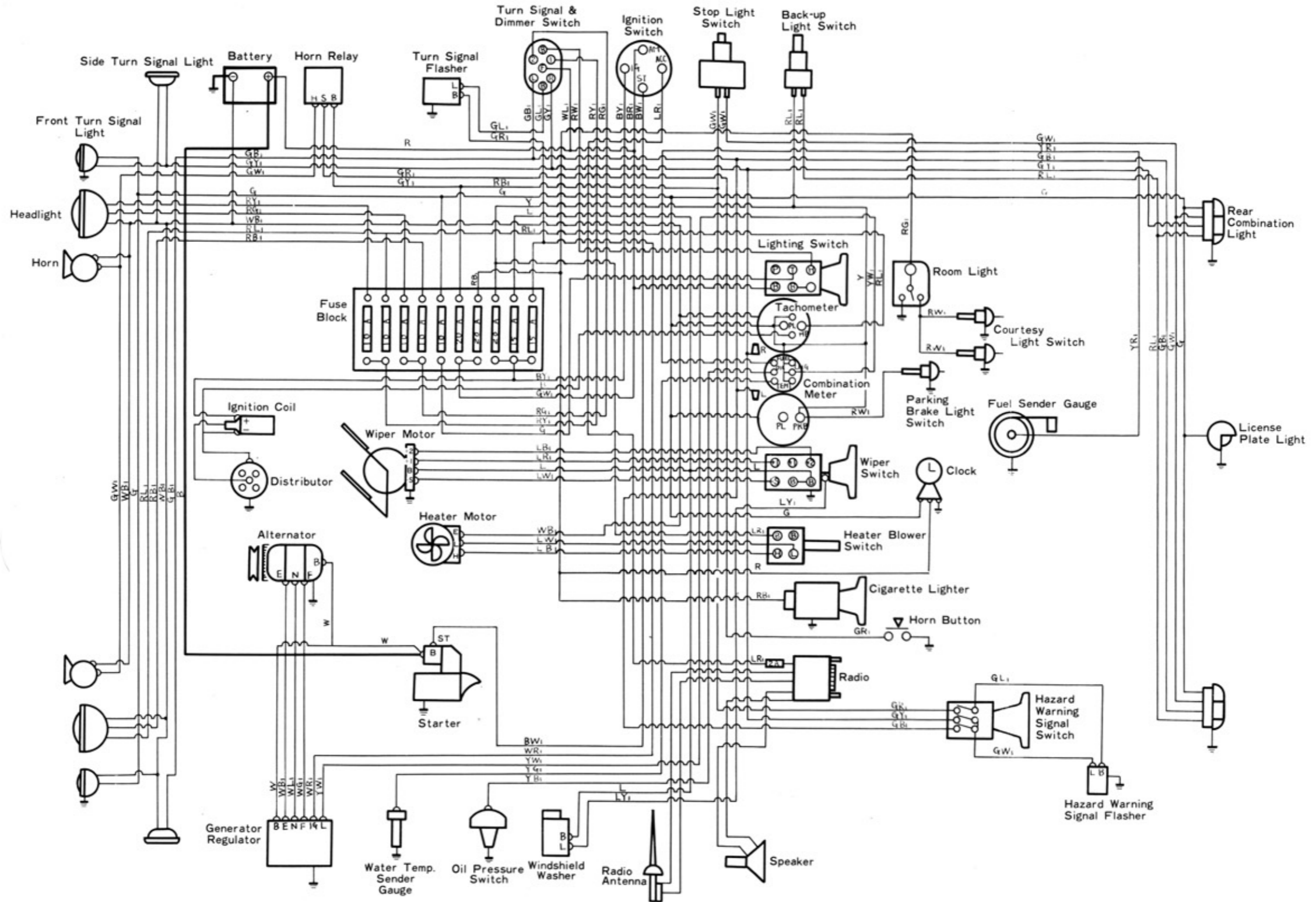
**Y**=yellow **B**=black **O**=orange

Example : **RG** is for red and green line

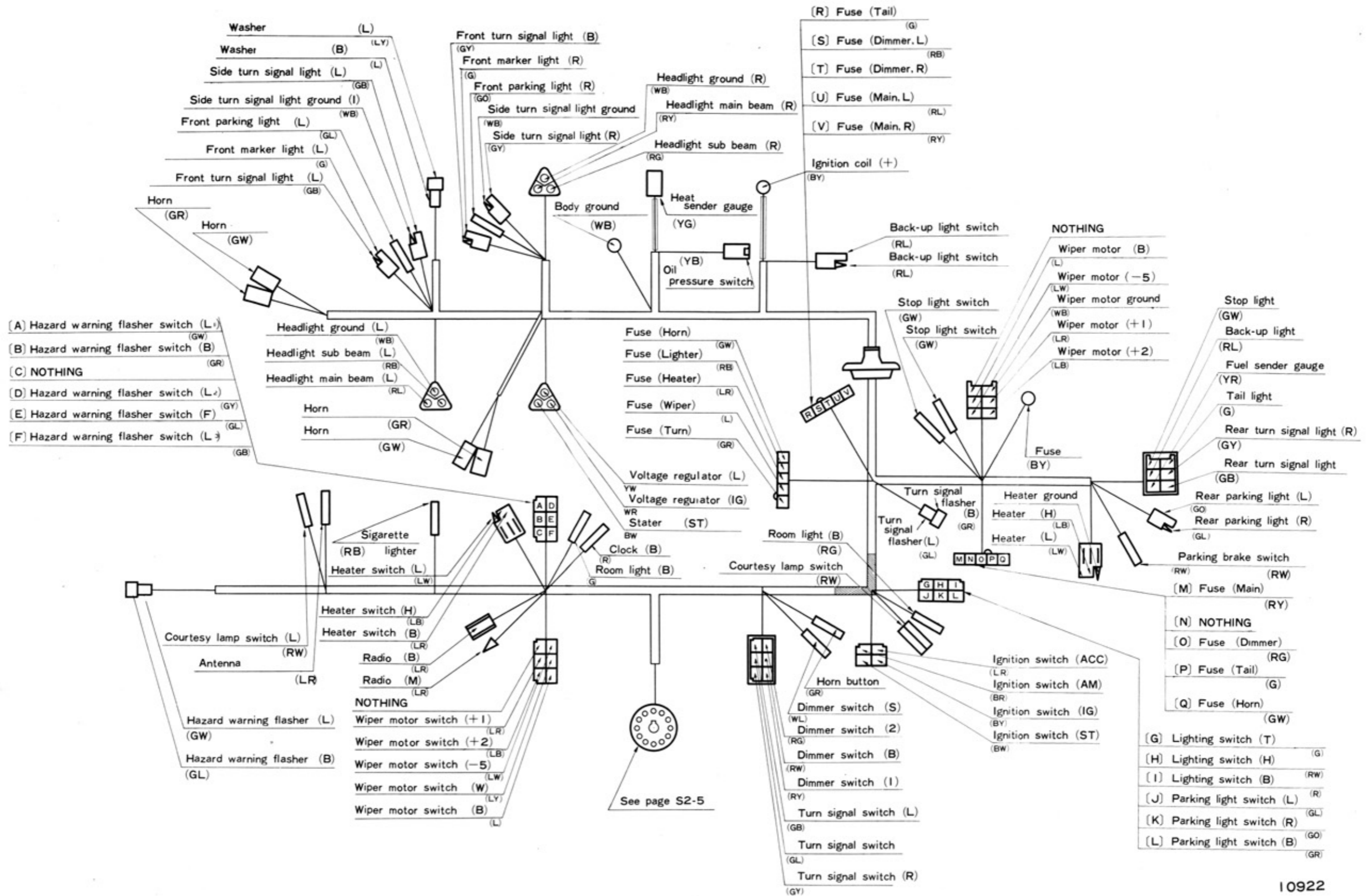




# ELECTRICAL WIRING DIAGRAM for Models KE17-S, KE11-S



# COWL TO HEADLIGHT WIRING HARNESS (COROLLA 1200)



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September 1969

No. 98412-3

Printed in Japan

TOYOTA



MOTOR