

**REPORTING OF WIRE HARNESS PROBLEM**

It is more difficult to understand the cause of wire harness problems and to make production improvements, due to the number of wire harness routings and connectors and their wide scope of use.

The position of the problem occurrence and the problem cause will be very clear if you proceed with wire harness/connector repairs.

We request that when you perform repairs, you fill in the attached "WIRE HARNESS/CONNECTOR PROBLEM CHECK SHEET" and send it to your distributor.

Toyota Motor Corporation will be able to make production improvements more quickly and surely based on the results of the above mentioned reports (Check Sheets).

**WIRE HARNESS/CONNECTOR PROBLEM CHECK SHEET** page 1/3

Please use the TOYOTA ELECTRICAL WIRING DIAGRAM (EWD) manual to answer this questionnaire accurately.

Dealer Name \_\_\_\_\_ Dealer Code \_\_\_\_\_

Full Model Code \_\_\_\_\_ Frame No. \_\_\_\_\_

P/D \_\_\_\_\_ / \_\_\_\_\_ km-reading/Mileage \_\_\_\_\_ Date of Problem \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

Customer Complaint: \_\_\_\_\_

Electrical Component with Problem: \_\_\_\_\_

Condition:  Intermittent operation  Inoperative  Others

Symptom:  Short  Open circuit  Moisture

Others (Eg.Rattle,Noise etc. - Please proceed to "Box B" on next page.)

**CONNECTOR PROBLEM:**

Please fill in the required information in the brackets and check the appropriate box.

EWD page ( )  
CONNECTOR NO.( )

TERMINAL

Male  Female

PIN No. ( )  
WIRE COLOR ( )

CONNECTOR BODY

Male  Female

TERMINAL MISSING (Terminal Coming off)

TERMINAL BROKEN

TERMINAL BENT (Male)

TERMINAL EXPANDED (Female)

WIRE POORLY CRIMPED AT TERMINAL

CORROSION, RUST, MOISTURE

POOR CONTACT

OTHERS ( )

NOT CONNECTED/HALF CONNECTED

BROKEN CONNECTOR

BROKEN LOCKING CLIP OF CONNECTOR

OTHERS ( )

NON-WATERPROOF TYPE

WATERPROOF TYPE

WATER ENTERING FROM:

(  SEAL PACKING  WIRE HARNESS  
 TERMINAL PACKING  UNCLEAR, OTHERS )

BROKEN LOCKING CLIP OF CONNECTOR

TERMINAL LOCKING CLIP MISSING

TERMINAL RETAINER BROKEN

SECONDARY LOCKING PLATE MISSING

OTHERS; ( )

Please refer to Fig. 1

Fig.1

Used for All Models

Used from '89 CRESSIDA

Mainly Used for Engine ECU

G

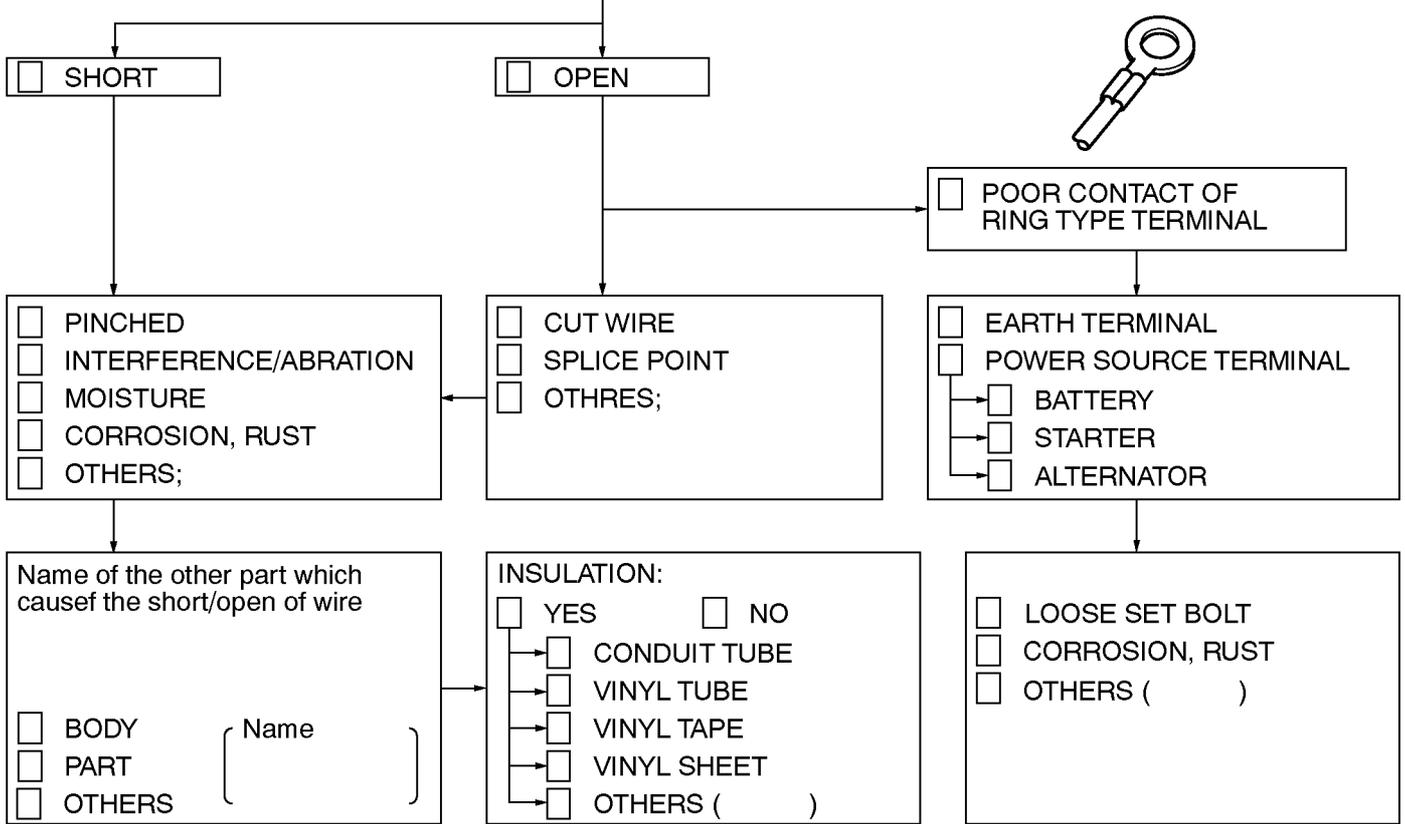
**WIRE HARNESS PROBLEM:**

Please fill in the required information in the brackets and check the appropriate box.

E.W.D Page (                      )

Problem occurred between { \*CONNECTOR NO.A (                      )  
 PIN NO. (                      )  
 WIRE COLOR (                      ) } and { CONNECTOR NO.B (                      )  
 PIN NO. (                      )  
 WIRE COLOR (                      ) }

\* The problem indicated below occurred at a distance of (                      mm) from connector A (                      )



Note: If possible, attach an illustration or photo to show the part causing the short or open, and the position of the wire and the other part. This will help to make the cause of the problem clear and help us to take prompt action.

**Box B**

If you checked the "Others" box in the "Symptom" section on page 3-1, please describe:

Symptom: \_\_\_\_\_

Condition: \_\_\_\_\_

Related Wire Harness or Connector; \_\_\_\_\_

Name or Part NO.: \_\_\_\_\_

Location: \_\_\_\_\_

APPENDIX-REPORTING OF WIRE HARNESS PROBLEM

REPAIR:

1. Please identify repair method:

Troubleshooting methods

WIRING DIAGRAM

VOLTMETER: ANALOG \_\_\_\_\_ , DIGITAL \_\_\_\_\_

2. Please check one box and fill in prethesis:

REPLACE WIRE HARNESS

REPLACE CONNECTOR OR TERMINAL

REPAIR TERMINAL

OTHERS (            )

WIRE HARNESS TOOLS

CRIMPING PLIERS

PICK

OTHERS (            )

SOLDER CONNECTION

3. Please attach a copy of the TOYOTA ELECTRICAL WIRING DIAGRAM for the vehicle repaired:

Indicate the affected connector number by arrow, or circle and identify the affected wire harness.

EXAMPLE: COROLLA (ZZE 110)

Condition: Engine does not start

Cause: Connector pin backed out from female connector at clutch start switch

Component: Clutch start switch inoperation

