ENGINE

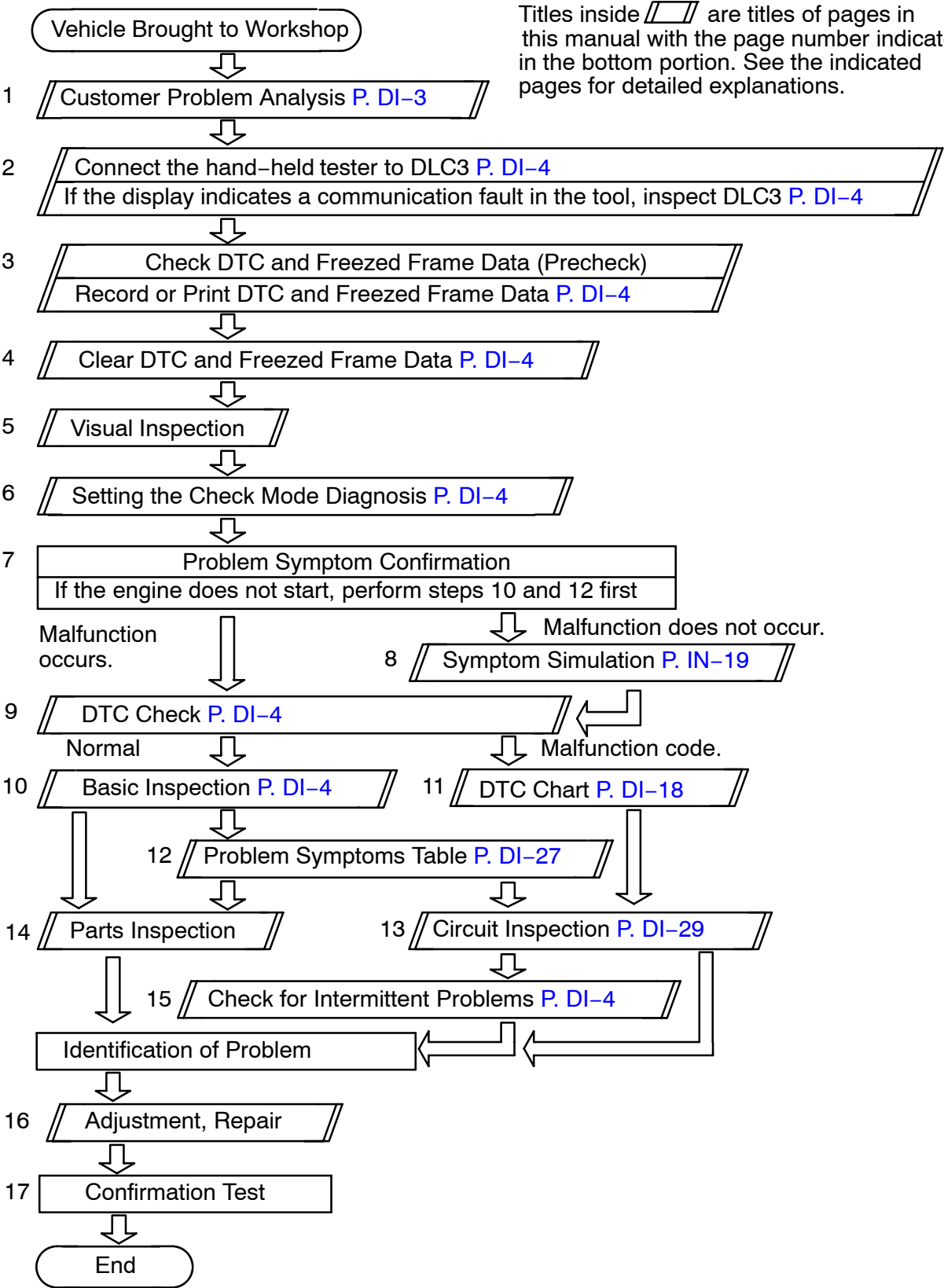## HOW TO PROCEED WITH TROUBLESHOOTING

DI3OP–02

When using hand –held tester, Troubleshoot in accordance with the procedure on the following page.

Titles inside ▱ are titles of pages in this manual with the page number indicated in the bottom portion. See the indicated pages for detailed explanations.

Vehicle Brought to Workshop

1. Customer Problem Analysis P. DI–3

2. Connect the hand–held tester to DLC3 P. DI–4
   If the display indicates a communication fault in the tool, inspect DLC3 P. DI–4

3. Check DTC and Freezed Frame Data (Precheck)
   Record or Print DTC and Freezed Frame Data P. DI–4

4. Clear DTC and Freezed Frame Data P. DI–4

5. Visual Inspection

6. Setting the Check Mode Diagnosis P. DI–4

7. Problem Symptom Confirmation
   If the engine does not start, perform steps 10 and 12 first

Malfunction occurs.

Malfunction does not occur.

8. Symptom Simulation P. IN–19

9. DTC Check P. DI–4

Normal

Malfunction code.

10. Basic Inspection P. DI–4

11. DTC Chart P. DI–18

12. Problem Symptoms Table P. DI–27

14. Parts Inspection

13. Circuit Inspection P. DI–29

15. Check for Intermittent Problems P. DI–4

Identification of Problem

16. Adjustment, Repair

17. Confirmation Test

End

When not using hand–held tester, Troubleshoot in accordance with the procedure on the following page.

Vehicle Brought to Workshop

Titles inside ▱ are titles of pages in this manual with the page number indicated in the bottom portion. See the indicated pages for detailed explanations.

1 — Customer Problem Analysis P. DI–3

2 — Check and clear DTC (Precheck) P. DI–18

3 — Problem Symptom Confirmation

Malfunction occurs.

Malfunction does not occur.

4 — Symptom Simulation P. IN–19

5 — DTC Check P. DI–4

Normal code.

Malfunction code.

6 — Basic Inspection P. DI–4

7 — DTC Chart P. DI–18

8 — Problem Symptoms Table P. DI–27

10 — Circuit Inspection P. DI–29

9 — Parts Inspection

11 — Check for Intermittent Problems P. DI–4

Identification of Problem

12 — Adjustment, Repair

13 — Confirmation Test

End