

DOCUMENT RESUME

ED 115 870

CE 005 708

TITLE Fall Department Head Report--Reporting Booklet 2.0 to the Massachusetts Division of Occupational Education (Fiscal Year Ending June 30, 1975) for Auto Mechanics.

INSTITUTION Management and Information System for Occupational Education, Winchester, Mass.

SPONS AGENCY Massachusetts State Dept. of Education, Boston. Div. of Occupational Education.

PUB DATE 30 Jun 75

NOTE 214p.; For related documents, see ED 062 553; ED 068-647; ED 072 225; ED 072 228; ED 072 303-304; CE 005 687-727; Instructions for completing the booklet are available in CE 005 701

EDRS PRICE MF-\$0.76 HC-\$10.78 Plus Postage

DESCRIPTORS Annual Reports; *Auto Mechanics; Census Figures; Data Collection; Demonstration Projects; *Educational Objectives; Job Skills; *Management Information Systems; Program Design; Program Evaluation; *Records (Forms); State Programs; Trade and Industrial Education; *Vocational Education

IDENTIFIERS Census Data System; *Management Information System Occupational Educa; MISOE; Terminal Performance Objectives; TERMOBS

ABSTRACT

The reporting booklet is required for the Census Data System (CDS) of the Management Information System for Occupational Education (MISOE); it contains the reporting forms which collect data that describe program structure and job-entry skill outcomes expected of program completors in the individual occupational education area of auto mechanics. Utilization of instructional area is also determined. This booklet contains the terminal performance objectives (TERMOBS) for this program area. They are actually the forms by which the skills of program completors are reported by department heads. CDS, one of two major subsystems of the integrated management information system, was developed to provide occupational education managers with comprehensive data on which to base rational management decisions. Essentially, CDS contains descriptive information systematically structured in a manner which allows it to be used as a basis for sampling evaluative research studies. CDS collects and stores census data for all school systems offering occupational education programs, including all data formerly collected by the Annual Federal Report for Occupational Information, except followup data. (Author/AJ)

ED115870

Misoe Number

2

Due Date

Name of School System

System ID No.

Name of School

School ID No.

Name of Preparer of Report

Title

Telephone No.

Name of Department or Instructional Area

THE COMMONWEALTH OF MASSACHUSETTS

DEPARTMENT OF EDUCATION

FALL DEPARTMENT HEAD REPORT-REPORTING BOOKLET 2.0

to the

DIVISION OF OCCUPATIONAL EDUCATION
(Fiscal Year Ending June 30, 1975)

for

AUTO MECHANICS

U.S. DEPARTMENT OF HEALTH,
EDUCATION & WELFARE
NATIONAL INSTITUTE OF
EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY.

Before filing said statement, the superintendent shall submit it to the chairman of the school committee, who shall countersign it on oath, if, after examination, he finds it correct.

(General Laws Relating to Education 1970; Chapter 72, Sec. 2A, Item 4, and Sec. 3, Item 2)

I hereby certify that all the statements contained in this report are true to the best of my knowledge and belief, and that this is a true statement, made under the penalties of perjury.

CE 005 708

THE COMMONWEALTH OF MASSACHUSETTS

DEPARTMENT OF EDUCATION

FALL DEPARTMENT HEAD REPORT-REPORTING BOOKLET 2.0

to the

DIVISION OF OCCUPATIONAL EDUCATION
(Fiscal Year Ending June 30, 1975)

for

AUTO MECHANICS

U.S. DEPARTMENT OF HEALTH,
EDUCATION & WELFARE
NATIONAL INSTITUTE OF
EDUCATION

THIS DOCUMENT HAS BEEN REPRO-
DUCED EXACTLY AS RECEIVED FROM
THE PERSON OR ORGANIZATION ORIGIN-
ATING IT. POINTS OF VIEW OR OPINIONS
STATED DO NOT NECESSARILY REPRESENT
OFFICIAL NATIONAL INSTITUTE OF
EDUCATION POSITION OR POLICY

Before filing said statement, the superintendent shall submit it to the chairman of the school committee, who shall countersign it on oath, if, after examination, he finds it correct.

(General Laws Relating to Education 1970; Chapter 72, Sec. 2A, Item 4, and Sec. 3, Item 2)

I hereby certify that all the statements contained in this report are true to the best of my knowledge and belief, and that this is a true statement, made under the penalties of perjury.

(Date)

(Date)

Superintendent of Schools

Chairman of School Committee

TABLE OF CONTENTS

| | Page |
|--|------|
| Table 2.1 Enrollment in Final Grade by Student Group and Terminal Objectives (TERMOBs) | 2 |
| Table 2.11 Enrollment in Lower Grades by Student Group | 6 |
| Table 2.2 Utilization of Student Class Time: Final Grade | 10 |
| Table 2.21 Utilization of Student Class Time: Lower Grades | 12 |
| Table 2.3 Utilization of Departmental Instructional Area By Rooms | 14 |

REPORTING TERMINAL PERFORMANCE OBJECTIVES (TERMOBs)

| | |
|---|-----|
| Table T-1 Instructional Division and Unit Outline | T-2 |
| Table T-1A Additional Instructional Divisions and Units | T-3 |
| Table T-2 TERMOB Division and Unit Outline | T-4 |
| Table T-2A Additional TERMOB Divisions and Units | T-5 |

TERMOBs

| | |
|--|-------|
| Table T-3 List of Basic Supplies | T-152 |
| Table T-4 Additional TERMOB Performance Statements | T-154 |
| Index of TERMOB Statements | T-156 |

TERMOB Applicability

13. TERMOB Numbers

| | | | |
|-----|---------------------------------|-------------|-------------|
| 4. | Level Code | | |
| 5. | Type Code | | |
| 6. | Session Code | | |
| 7. | Program Length (Years) | < 1 2 3 4 | < 1 2 3 4 |
| 8. | Cooperative | Yes No | Yes No |
| 9. | Workstudy | Yes No | Yes No |
| 10. | Exploratory | Yes No | Yes No |
| 11. | Instructors and Teacher's Aides | | |
| | A. Full Time | | |
| | B. Percentage of Time | | |
| 12. | Enrollment | Male Female | Male Female |

TERMOB Applicability

| | | | | | | | |
|--------------------|--|--|--|--|--|--|--|
| 13. TERMOB Numbers | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

4

5

6

11.

13.

| | | | |
|-----|---------------------------------|-------------|-------------|
| 4. | Level Code | | |
| 5. | Type Code | | |
| 6. | Session Code | | |
| 7. | Program Length (Years) | <1 1 2 3 4 | <1 1 2 3 4 |
| 8. | Cooperative | Yes No | Yes No |
| 9. | Workstudy | Yes No | Yes No |
| 10. | Exploratory | Yes No | Yes No |
| 11. | Instructors and Teacher's Aides | | |
| | A. Full Time | | |
| | B. Percentage of Time | | |
| 12. | Enrollment | Male Female | Male Female |

TERMOB Applicability

| | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|
| 13. TERMOB Numbers | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

10

11

12

TERMOB Applicability

[illegible]

12

6 14

[illegible]

Table 2.11 (Cont'd) Enrollment in Lower Grades by Student Group

| 7 | | 8 | | | | 9 | | | | 10 | | | | 11 | | | |
|---------------------------------|-------------------------------|--------|---|---|----|-----|--------|---|---|-----|---|--------|---|-----|----|--------|--|
| 1. | Grade | | | | | | | | | | | | | | | | |
| 2. | Student Group Name and Number | 206 | | | | 207 | | | | 208 | | | | 209 | | | |
| 3. | USOE Code(s) | | | | | | | | | | | | | | | | |
| 4. | Level Code | | | | | | | | | | | | | | | | |
| 5. | Type Code | | | | | | | | | | | | | | | | |
| 6. | Session Code | | | | | | | | | | | | | | | | |
| 7. | Program Length (Years) | <1 | 1 | 2 | 3 | 4 | <1 | 1 | 2 | 3 | 4 | <1 | 1 | 2 | 3 | 4 | |
| 8. | Cooperative | Yes | | | No | | Yes | | | No | | Yes | | | No | | |
| 9. | Workstudy | Yes | | | No | | Yes | | | No | | Yes | | | No | | |
| 10. | Exploratory | Yes | | | No | | Yes | | | No | | Yes | | | No | | |
| Instructors and Teacher's Aides | | | | | | | | | | | | | | | | | |
| A. Full Time | | | | | | | | | | | | | | | | | |
| B. Percentage of Time | | | | | | | | | | | | | | | | | |
| Enrollment | | Male | | | | | Male | | | | | Male | | | | Female | |
| | | Female | | | | | Female | | | | | Female | | | | | |

[illegible]

Table 2.11 Enrollment in Lower Grades by Student Group (Cont'd)

13 14 15 16 17

| | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 1. Grade | | | | | | | | | | | | | | | | | | | | |
| 2. Student Group Name and Number | 211 | | | | 212 | | | | 213 | | | | 214 | | | | | | | |
| 3. USOE Code(s) | | | | | | | | | | | | | | | | | | | | |
| 4. Level Code | | | | | | | | | | | | | | | | | | | | |
| 5. Type Code | | | | | | | | | | | | | | | | | | | | |
| 6. Session Code | | | | | | | | | | | | | | | | | | | | |
| 7. Program Length (Years) | <1 | 1 | 2 | 3 | 4 | <1 | 1 | 2 | 3 | 4 | <1 | 1 | 2 | 3 | 4 | <1 | 1 | 2 | 3 | 4 |
| 8. Cooperative | Yes | Yes | No | No | No | Yes | Yes | No | No | No | Yes | Yes | No | No | No | Yes | Yes | No | No | No |
| 9. Workstudy | Yes | Yes | No | No | No | Yes | Yes | No | No | No | Yes | Yes | No | No | No | Yes | Yes | No | No | No |
| 10. Exploratory | Yes | Yes | No | No | No | Yes | Yes | No | No | No | Yes | Yes | No | No | No | Yes | Yes | No | No | No |
| 11. Instructors and Teacher's Aides | | | | | | | | | | | | | | | | | | | | |
| A. Full Time | | | | | | | | | | | | | | | | | | | | |
| B. Percentage of Time | | | | | | | | | | | | | | | | | | | | |
| 12. Enrollment | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |

Table 2.11 Enrollment in Lower Grades by Student Group (Cont'd)

| 216 | | | | 217 | | | | 218 | | | | 219 | | | | 220 | | | |
|-----|--|--|--|-----|--|--|--|-----|--|--|--|-----|--|--|--|-----|--|--|--|
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |

Table 2.2 Utilization of Student Class Time: Final Grade

[illegible]

Table 2.2 Utilization of Student Class Time: Final Grade

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|--|-----|-----|-----|-----|-----|-----|-----|-----|
| 1. Student Group Number | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 |
| 2. Grade | | | | | | | | |
| 3. USOE Code(s) | | | | | | | | |
| 4. In Occupational Shop/Lab Area(s) | | | | | | | | |
| 5. In Occupational Related Area(s) | | | | | | | | |
| 6. Total Occupational Time (Lines 4 + 5) | | | | | | | | |
| 7. In Nonoccupational Areas | | | | | | | | |
| 8. Total All Areas (Lines 6 + 7) | | | | | | | | |
| 9. Length of Grade Session (weeks) | | | | | | | | |
| 10. Schedule Variation | | | | | | | | |
| Additional Notes Necessary to Explain Lines 4 through 10 | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Table 2.2 Utilization of Student Class Time (Cont'd): Final Grade

[illegible]

Table 2.2 Utilization of Student Class Time (Cont'd): Final Grade

| | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|--|----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1. Student Group Number | | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 |
| 2. Grade | | | | | | | | | |
| 3. USOE Code(s) | | | | | | | | | |
| 4. In Occupational Shop/Lab Area(s) | | | | | | | | | |
| 5. In Occupational Related Area(s) | | | | | | | | | |
| 6. Total Occupational Time (Lines 4+ 5) | | | | | | | | | |
| 7. In Nonoccupational Areas | | | | | | | | | |
| 8. Total All Areas (Lines 6 + 7) | | | | | | | | | |
| 9. Length of Grade Session (weeks) | | | | | | | | | |
| 10. Schedule Variation | | | | | | | | | |
| Additional Notes Necessary to Explain Lines 4 through 10 | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

E

[illegible]

Table 2.21 Utilization of Student Class Time: Lower Grade

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|--|-----|-----|-----|-----|-----|-----|-----|-----|
| 1. Student Group Number | 201 | 202 | 203 | 204 | 205 | 206 | 207 | 208 |
| 2. Grade | | | | | | | | |
| 3. USOE Code(s) | | | | | | | | |
| 4. In Occupational Shop/Lab Area(s) | | | | | | | | |
| 5. In Occupational Related Area(s) | | | | | | | | |
| 6. Total Occupational Time (Lines 4 + 5) | | | | | | | | |
| 7. In Nonoccupational Areas | | | | | | | | |
| 8. Total All Areas (Lines 6 + 7) | | | | | | | | |
| 9. Length of Grade Session (Weeks) | | | | | | | | |
| 10. Schedule Variation | | | | | | | | |
| Additional Notes Necessary to Explain Lines 4 through 10 | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |



ERIC
Full Text Provided by ERIC

Misoe Number

Table 2.21 (Cont'd) Utilization of Student Class Time: Lower Grade

| | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|--|----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1. Student Group Number | | 211 | 212 | 213 | 214 | 215 | 216 | 217 | 218 |
| 2. Grade | | | | | | | | | |
| 3. USOE Code(s) | | | | | | | | | |
| 4. In Occupational Shop/Lab Area(s) | | | | | | | | | |
| 5. In Occupational Related Area(s) | | | | | | | | | |
| 6. Total Occupational Time (Lines 4 + 5) | | | | | | | | | |
| 7. In Nonoccupational Areas | | | | | | | | | |
| 8. Total All Areas (Lines 6 + 7) | | | | | | | | | |
| 9. Length of Grade Session (Weeks) | | | | | | | | | |
| 10. Schedule Variation | | | | | | | | | |
| 11. Additional Notes Necessary to Explain Lines 4 through 10 | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Misoe Number

Table 2.3 Utilization of Departmental Instructional Area by Rooms

Check Applicable Program Schedule

1. a. ☐ Weekly
 b. ☐ Alternating
 c. ☐ Variable

2. a. ☐ Semester Schedule Change
 b. ☐ No Semester Schedule Change

| WEEKLY OR SCHEDULE A | | | | | | | |
|----------------------|----------------|--------------------|----------------------|---------------------|----------------------|----------------------|----------------------|
| 1 | 2 | 3 | | 4 | | 5 | |
| Room | Day | Morning | | Afternoon | | Evening | |
| No. or Name | of the Week | 7:00 a.m.-12:00N | | 12:00N-6:00 p.m. | | 6:00 p.m.-11:00 p.m. | |
| | | No. of Hrs.Used | No. of Stud. Hrs. | No. of Hrs. Used | No. of Stud. Hrs. | No. of Hrs. Used | No. of Stud. Hrs. |
| 1A | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |
| 2A | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |
| 3A | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |
| 4A | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |
| 5A | Mon. | | | | | | |
| | Tues. | | | | | | |

WEEKLY OR SCHEDULE A

| 1 | | 2 | | 3 | | 4 | | 5 | |
|--------|--------|--------------------|----------------------|---------------------|----------------------|----------------------|----------------------|---|--|
| Room | Day | Morning | | Afternoon | | Evening | | | |
| No. of | of the | 7:00 a.m.-12:00N | | 12:00N-6:00 p.m. | | 6:00 p.m.-11:00 p.m. | | | |
| Name | Week | No. of Hrs.Used | No. of Stud. Hrs. | No. of Hrs. Used | No. of Stud. Hrs. | No. of Hrs. Used | No. of Stud. Hrs. | | |
| 1A | Mon. | | | | | | | | |
| | Tues. | | | | | | | | |
| | Wed. | | | | | | | | |
| | Thurs. | | | | | | | | |
| | Fri. | | | | | | | | |
| LS C | Sat. | | | | | | | | |
| TOTALS | | | | | | | | | |
| 2A | Mon. | | | | | | | | |
| | Tues. | | | | | | | | |
| | Wed. | | | | | | | | |
| | Thurs. | | | | | | | | |
| | Fri. | | | | | | | | |
| LS C | Sat. | | | | | | | | |
| TOTALS | | | | | | | | | |
| 3A | Mon. | | | | | | | | |
| | Tues. | | | | | | | | |
| | Wed. | | | | | | | | |
| | Thurs. | | | | | | | | |
| | Fri. | | | | | | | | |
| LS C | Sat. | | | | | | | | |
| TOTALS | | | | | | | | | |
| 4A | Mon. | | | | | | | | |
| | Tues. | | | | | | | | |
| | Wed. | | | | | | | | |
| | Thurs. | | | | | | | | |
| | Fri. | | | | | | | | |
| LS C | Sat. | | | | | | | | |
| TOTALS | | | | | | | | | |
| 5A | Mon. | | | | | | | | |
| | Tues. | | | | | | | | |
| | Wed. | | | | | | | | |
| | Thurs. | | | | | | | | |
| | Fri. | | | | | | | | |
| LS C | Sat. | | | | | | | | |
| TOTALS | | | | | | | | | |

Table 2.3 (Cont'd) Utilization of Departmental Instructional Area by Rooms

Check Applicable Program Schedule

1. a. ☐ Weekly
 b. ☐ Alternating
 c. ☐ Variable

2. a. ☐ Semester Schedule Change
 b. ☐ No Semester Schedule Change

| WEEKLY OR SCHEDULE B | | | | | | | |
|----------------------|--------|------------------|-------------------|------------------|-------------------|----------------------|-------------------|
| 5 | 7 | 8 | | 9 | | 10 | |
| Room | Day | Morning | | Afternoon | | Evening | |
| No. or of the | | 7:00 a.m.-12:00N | | 12:00N-6:00 p.m. | | 6:00 p.m.-11:00 p.m. | |
| Name | Week | No. of Hrs.Used | No. of Stud. Hrs. | No. of Hrs. Used | No. of Stud. Hrs. | No. of Hrs. Used | No. of Stud. Hrs. |
| 1 B | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |
| 2 B | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |
| 3 B | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |
| 4 B | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |
| 5 B | Mon. | | | | | | |

| WEEKLY OR SCHEDULE B | | | | | | | | | |
|----------------------|--------|------------------|-------------------|------------------|-------------------|----------------------|-------------------|----|--|
| 6 | | 7 | | 8 | | 9 | | 10 | |
| Room | Day | Morning | | Afternoon | | Evening | | | |
| No. or | of the | 7:00 a.m.-12:00N | | 12:00N-6:00 p.m. | | 6:00 p.m.-11:00 p.m. | | | |
| Name | Week | No. of Hrs.Used | No. of Stud. Hrs. | No. of Hrs. Used | No. of Stud. Hrs. | No. of Hrs. Used | No. of Stud. Hrs. | | |
| 1 B | Mon. | | | | | | | | |
| | Tues. | | | | | | | | |
| | Wed. | | | | | | | | |
| | Thurs. | | | | | | | | |
| | Fri. | | | | | | | | |
| LS C | Sat. | | | | | | | | |
| TOTALS | | | | | | | | | |
| 2 B | Mon. | | | | | | | | |
| | Tues. | | | | | | | | |
| | Wed. | | | | | | | | |
| | Thurs. | | | | | | | | |
| | Fri. | | | | | | | | |
| LS C | Sat. | | | | | | | | |
| TOTALS | | | | | | | | | |
| 3 B | Mon. | | | | | | | | |
| | Tues. | | | | | | | | |
| | Wed. | | | | | | | | |
| | Thurs. | | | | | | | | |
| | Fri. | | | | | | | | |
| LS C | Sat. | | | | | | | | |
| TOTALS | | | | | | | | | |
| 4 B | Mon. | | | | | | | | |
| | Tues. | | | | | | | | |
| | Wed. | | | | | | | | |
| | Thurs. | | | | | | | | |
| | Fri. | | | | | | | | |
| LS C | Sat. | | | | | | | | |
| TOTALS | | | | | | | | | |
| 5 B | Mon. | | | | | | | | |
| | Tues. | | | | | | | | |
| | Wed. | | | | | | | | |
| | Thurs. | | | | | | | | |
| | Fri. | | | | | | | | |
| LS C | Sat. | | | | | | | | |
| TOTALS | | | | | | | | | |

Table 2.3 (Cont'd) Utilization of Departmental Instructional Area by Room

Check Applicable Program Schedule

1. a. ☐ Weekly
 b. ☐ Alternating
 c. ☐ Variable

2. a. ☐ Semester Schedule Change
 b. ☐ No Semester Schedule Change

| WEEKLY OR SCHEDULE A | | | | | | | |
|------------------------|-----------------------|---------------------|----------------------|---------------------|----------------------|----------------------|----------------------|
| 11 | | 12 | | 13 | | 14 | |
| Room No. or Name | Day of the Week | Morning | | Afternoon | | Evening | |
| | | 7:00 a.m.-12:00N | | 12:00N-6:00 p.m. | | 6:00 p.m.-11:00 p.m. | |
| | | No. of Hrs. Used | No. of Stud. Hrs. | No. of Hrs. Used | No. of Stud. Hrs. | No. of Hrs. Used | No. of Stud. Hrs. |
| 6A | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |
| 7A | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |
| 8A | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |
| 9A | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |
| | Mon. | | | | | | |

WEEKLY OR SCHEDULE A

| | | 11 | 12 | 13 | 14 | 15 | |
|---------------|--------|------------------|-------------------|------------------|-------------------|----------------------|-------------------|
| Room | Day | Morning | | Afternoon | | Evening | |
| No. or of the | | 7:00 a.m.-12:00N | | 12:00N-6:00 p.m. | | 6:00 p.m.-11:00 p.m. | |
| Name | Week | No. of Hrs.Used | No. of Stud. Hrs. | No. of Hrs. Used | No. of Stud. Hrs. | No. of Hrs. Used | No. of Stud. Hrs. |
| 6A | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |
| 7A | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |
| 8A | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |
| 9A | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |
| 10A | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |

Table 2.3 (Cont'd) Utilization of Departmental Instructional Area by Room

Check Applicable Program Schedule

1. a. ☐ Weekly
 b. ☐ Alternating
 c. ☐ Variable

2. a. ☐ Semester Schedule Change
 b. ☐ No Semester Schedule Change

| WEEKLY OR SCHEDULE B | | | | | | | |
|----------------------|--------|----------------------|-------------------|----------------------|-------------------|----------------------|-------------------|
| 16 | 17 | 18 | | 19 | | 20 | |
| Room | Day | Morning | | Afternoon | | Evening | |
| No. or | of the | 7:00 a.m.-12:00 p.m. | | 12:00 p.m.-6:00 p.m. | | 6:00 p.m.-11:00 p.m. | |
| Name | Week | No. of Hrs. Used | No. of Stud. Hrs. | No. of Hrs. Used | No. of Stud. Hrs. | No. of Hrs. Used | No. of Stud. Hrs. |
| 6B | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |
| 7B | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |
| 8B | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |
| 9B | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |
| 10B | Mon. | | | | | | |

WEEKLY OR SCHEDULE B

| 16 | | 17 | | 18 | | 19 | | 20 | |
|--------|--------|--------------------|----------------------|---------------------|----------------------|----------------------|----------------------|----|--|
| Room | Day | Morning | | Afternoon | | Evening | | | |
| No. or | of the | 7:00 a.m.-12:00N | | 12:00N-6:00 p.m. | | 6:00 p.m.-11:00 p.m. | | | |
| Name | Week | No. of Hrs.Used | No. of Stud. Hrs. | No. of Hrs. Used | No. of Stud. Hrs. | No. of Hrs. Used | No. of Stud. Hrs. | | |
| 6B | Mon. | | | | | | | | |
| | Tues. | | | | | | | | |
| | Wed. | | | | | | | | |
| | Thurs. | | | | | | | | |
| | Fri. | | | | | | | | |
| LS C | Sat. | | | | | | | | |
| TOTALS | | | | | | | | | |
| 7B | Mon. | | | | | | | | |
| | Tues. | | | | | | | | |
| | Wed. | | | | | | | | |
| | Thurs. | | | | | | | | |
| | Fri. | | | | | | | | |
| LS C | Sat. | | | | | | | | |
| TOTALS | | | | | | | | | |
| 8B | Mon. | | | | | | | | |
| | Tues. | | | | | | | | |
| | Wed. | | | | | | | | |
| | Thurs. | | | | | | | | |
| | Fri. | | | | | | | | |
| LS C | Sat. | | | | | | | | |
| TOTALS | | | | | | | | | |
| 9B | Mon. | | | | | | | | |
| | Tues. | | | | | | | | |
| | Wed. | | | | | | | | |
| | Thurs. | | | | | | | | |
| | Fri. | | | | | | | | |
| LS C | Sat. | | | | | | | | |
| TOTALS | | | | | | | | | |
| 10B | Mon. | | | | | | | | |
| | Tues. | | | | | | | | |
| | Wed. | | | | | | | | |
| | Thurs. | | | | | | | | |
| | Fri. | | | | | | | | |
| LS C | Sat. | | | | | | | | |
| TOTALS | | | | | | | | | |

Table 2.3 (Cont'd) Utilization of Departmental Instructional Area by Room

Check Applicable Program Schedule

1. a. ☐ Weekly
b. ☐ Alternating
c. ☐ Variable

2. a. ☐ Semester Schedule Change
b. ☐ No Semester Schedule Change

| WEEKLY OR SCHEDULE A | | | | | | | |
|----------------------|--------|------------------|-------------------|------------------|-------------------|----------------------|-------------------|
| 21 | | 22 | | 23 | | 24 | |
| Room | Day | Morning | | Afternoon | | Evening | |
| No. of | of the | 7:00 a.m.-12:00N | | 12:00N-6:00 p.m. | | 6:00 p.m.-11:00 p.m. | |
| Name | Week | No. of Hrs.Used | No. of Stud. Hrs. | No. of Hrs. Used | No. of Stud. Hrs. | No. of Hrs. Used | No. of Stud. Hrs. |
| 11A | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |
| 12A | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |
| 13A | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |
| 14A | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |
| | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |

WEEKLY OR SCHEDULE A

| 21 | | 22 | | 23 | | 24 | | 25 | |
|--------|--------|--------------------|----------------------|---------------------|----------------------|----------------------|----------------------|----|--|
| Room | Day | Morning | | Afternoon | | Evening | | | |
| No. of | of the | 7:00 a.m.-12:00N | | 12:00N-6:00 p.m. | | 6:00 p.m.-11:00 p.m. | | | |
| Name | Week | No. of Hrs.Used | No. of Stud. Hrs. | No. of Hrs. Used | No. of Stud. Hrs. | No. of Hrs. Used | No. of Stud. Hrs. | | |
| 11A | Mon. | | | | | | | | |
| | Tues. | | | | | | | | |
| | Wed. | | | | | | | | |
| | Thurs. | | | | | | | | |
| | Fri. | | | | | | | | |
| LS C | Sat. | | | | | | | | |
| TOTALS | | | | | | | | | |
| 12A | Mon. | | | | | | | | |
| | Tues. | | | | | | | | |
| | Wed. | | | | | | | | |
| | Thurs. | | | | | | | | |
| | Fri. | | | | | | | | |
| LS C | Sat. | | | | | | | | |
| TOTALS | | | | | | | | | |
| 13A | Mon. | | | | | | | | |
| | Tues. | | | | | | | | |
| | Wed. | | | | | | | | |
| | Thurs. | | | | | | | | |
| | Fri. | | | | | | | | |
| LS C | Sat. | | | | | | | | |
| TOTALS | | | | | | | | | |
| 14A | Mon. | | | | | | | | |
| | Tues. | | | | | | | | |
| | Wed. | | | | | | | | |
| | Thurs. | | | | | | | | |
| | Fri. | | | | | | | | |
| LS C | Sat. | | | | | | | | |
| TOTALS | | | | | | | | | |
| 15A | Mon. | | | | | | | | |
| | Tues. | | | | | | | | |
| | Wed. | | | | | | | | |
| | Thurs. | | | | | | | | |
| | Fri. | | | | | | | | |
| LS C | Sat. | | | | | | | | |
| TOTALS | | | | | | | | | |

Table 2.3 (Cont'd) Utilization of Departmental Instructional Area by Room

Check Applicable Program Schedule

1. a. ☐ Weekly
 b. ☐ Alternating
 c. ☐ Variable

2. a. ☐ Semester Schedule Change
 b. ☐ No Semester Schedule Change

WEEKLY OR SCHEDULE B

| WEEKLY OR SCHEDULE B | | | | | | | | | |
|----------------------|--------|--------------------|----------------------|---------------------|----------------------|----------------------|----------------------|----|--|
| 26 | | 27 | | 28 | | 29 | | 30 | |
| Room | Day | Morning | | Afternoon | | Evening | | | |
| No. or | of the | 7:00 a.m.-12:00N | | 12:00N-6:00 p.m. | | 6:00 p.m.-11:00 p.m. | | | |
| Name | Week | No. of Hrs.Used | No. of Stud. Hrs. | No. of Hrs. Used | No. of Stud. Hrs. | No. of Hrs. Used | No. of Stud. Hrs. | | |
| 11B | Mon. | | | | | | | | |
| | Tues. | | | | | | | | |
| | Wed. | | | | | | | | |
| | Thurs. | | | | | | | | |
| | Fri. | | | | | | | | |
| LS C | Sat. | | | | | | | | |
| TOTALS | | | | | | | | | |
| 12B | Mon. | | | | | | | | |
| | Tues. | | | | | | | | |
| | Wed. | | | | | | | | |
| | Thurs. | | | | | | | | |
| | Fri. | | | | | | | | |
| LS C | Sat. | | | | | | | | |
| TOTALS | | | | | | | | | |
| 13B | Mon. | | | | | | | | |
| | Tues. | | | | | | | | |
| | Wed. | | | | | | | | |
| | Thurs. | | | | | | | | |
| | Fri. | | | | | | | | |
| LS C | Sat. | | | | | | | | |
| TOTALS | | | | | | | | | |
| 14B | Mon. | | | | | | | | |
| | Tues. | | | | | | | | |
| | Wed. | | | | | | | | |
| | Thurs. | | | | | | | | |
| | Fri. | | | | | | | | |
| LS C | Sat. | | | | | | | | |
| TOTALS | | | | | | | | | |
| 5B | Mon. | | | | | | | | |
| | Tues. | | | | | | | | |
| | Wed. | | | | | | | | |
| | Thurs. | | | | | | | | |
| | Fri. | | | | | | | | |
| LS C | Sat. | | | | | | | | |
| TOTALS | | | | | | | | | |

WEEKLY OR SCHEDULE B

| | | 26 | 27 | 28 | 29 | 30 | |
|------------------------|-----------------------|-----------------------------|----------------------|-------------------------------|----------------------|---------------------------------|----------------------|
| Room No. or Name | Day of the Week | Morning 7:00 a.m.-12:00N | | Afternoon 12:00N-6:00 p.m. | | Evening 6:00 p.m.-11:00 p.m. | |
| | | No. of Hrs.Used | No. of Stud. Hrs. | No. of Hrs. Used | No. of Stud. Hrs. | No. of Hrs. Used | No. of Stud. Hrs. |
| | | 11B | Mon. | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |
| -12B | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |
| 13B | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |
| 14B | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |
| 15B | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |

Table 2.3 Utilization of Departmental Instructional Area By Room

Check Applicable Program Schedule

1. a. ☐ Weekly
b. ☐ Alternating
c. ☐ Variable
2. a. ☐ Semester Schedule Change
b. ☐ No Semester Schedule Change

| WEEKLY OR SCHEDULE A | | | | | | | |
|------------------------|-----------------------|---------------------|----------------------|---------------------|----------------------|----------------------|----------------------|
| 31 | 32 | 33 | 34 | 35 | | | |
| Room No. or Name | Day of the Week | Morning | | Afternoon | | Evening | |
| | | 7:00 a.m.-12:00N | | 12:00N-6:00 p.m. | | 6:00 P.M.-11:00 p.m. | |
| | | No. of Hrs. Used | No. of Stud. Hrs. | No. of Hrs. Used | No. of Stud. Hrs. | No. of Hrs. Used | No. of Stud. Hrs. |
| 16A | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |
| 17A | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |
| 18A | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |
| 19A | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |

1. a. ☐ Weekly
 b. ☐ Alternating
 c. ☐ Variable

2. a. ☐ Semester Schedule Change
 b. ☐ No Semester Schedule Change

WEEKLY OR SCHEDULE A

| 31 | | 32 | | 33 | | 34 | | 35 | |
|--------|--------|---------------------|----------------------|---------------------|----------------------|----------------------|----------------------|----|--|
| Room | Day | Morning | | Afternoon | | Evening | | | |
| No. or | of the | 7:00 a.m.-12:00N | | 12:00N-6:00 p.m. | | 6:00 P.M.-11:00 p.m. | | | |
| Name | Week | No. of Hrs. Used | No. of Stud. Hrs. | No. of Hrs. Used | No. of Stud. Hrs. | No. of Hrs. Used | No. of Stud. Hrs. | | |
| 16A | Mon. | | | | | | | | |
| | Tues. | | | | | | | | |
| | Wed. | | | | | | | | |
| | Thurs. | | | | | | | | |
| | Fri. | | | | | | | | |
| LS C | Sat. | | | | | | | | |
| TOTALS | | | | | | | | | |
| 17A | Mon. | | | | | | | | |
| | Tues. | | | | | | | | |
| | Wed. | | | | | | | | |
| | Thurs. | | | | | | | | |
| | Fri. | | | | | | | | |
| LS C | Sat. | | | | | | | | |
| TOTALS | | | | | | | | | |
| 18A | Mon. | | | | | | | | |
| | Tues. | | | | | | | | |
| | Wed. | | | | | | | | |
| | Thurs. | | | | | | | | |
| | Fri. | | | | | | | | |
| LS C | Sat. | | | | | | | | |
| TOTALS | | | | | | | | | |
| 19A | Mon. | | | | | | | | |
| | Tues. | | | | | | | | |
| | Wed. | | | | | | | | |
| | Thurs. | | | | | | | | |
| | Fri. | | | | | | | | |
| LS C | Sat. | | | | | | | | |
| TOTALS | | | | | | | | | |
| 20A | Mon. | | | | | | | | |
| | Tues. | | | | | | | | |
| | Wed. | | | | | | | | |
| | Thurs. | | | | | | | | |
| | Fri. | | | | | | | | |
| LS C | Sat. | | | | | | | | |
| TOTALS | | | | | | | | | |

Table 2.3 (Cont'd) Utilization of Departmental Instructional Area by Room

Check Applicable Program Schedule

1. a. ☐ Weekly
 b. ☐ Alternating
 c. ☐ Variable

2. a. ☐ Semester Schedule Change
 b. ☐ No Semester Schedule Change

| WEEKLY OR SCHEDULE B | | | | | | | |
|----------------------|--------|------------------|------------------|------------------|-------------------|----------------------|-------------------|
| 36 | 37 | 38 | | 39 | | 40 | |
| Room | Day | Morning | | Afternoon | | Evening | |
| No. or | of the | 7:00 a.m.-12:00N | | 12:00N-6:00 p.m. | | 6:00 p.m.-11:00 p.m. | |
| Name | Week | No. of Hrs. Used | No. of Stud. Hrs | No. of Hrs. Used | No. of Stud. Hrs. | No. of Hrs. Used | No. of Stud. Hrs. |
| 16B | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |
| 17B | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |
| 18B | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |
| 19B | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |
| | Thurs. | | | | | | |
| | Fri. | | | | | | |
| LS C | Sat. | | | | | | |
| TOTALS | | | | | | | |
| 20B | Mon. | | | | | | |
| | Tues. | | | | | | |
| | Wed. | | | | | | |

WEEKLY OR SCHEDULE B

| 36 | | 37 | | 38 | | 39 | | 40 | |
|--------|--------|---------------------|---------------------|---------------------|----------------------|----------------------|----------------------|----|--|
| Room | Day | Morning | | Afternoon | | Evening | | | |
| No. or | of the | 7:00 a.m.-12:00N | | 12:00N-6:00 p.m. | | 6:00 p.m.-11:00 p.m. | | | |
| Name | Week | No. of Hrs. Used | No. of Stud. Hrs | No. of Hrs. Used | No. of Stud. Hrs. | No. of Hrs. Used | No. of Stud. Hrs. | | |
| 16B | Mon. | | | | | | | | |
| | Tues. | | | | | | | | |
| | Wed. | | | | | | | | |
| | Thurs. | | | | | | | | |
| | Fri. | | | | | | | | |
| LS C | Sat. | | | | | | | | |
| TOTALS | | | | | | | | | |
| 17B | Mon. | | | | | | | | |
| | Tues. | | | | | | | | |
| | Wed. | | | | | | | | |
| | Thurs. | | | | | | | | |
| | Fri. | | | | | | | | |
| LS C | Sat. | | | | | | | | |
| TOTALS | | | | | | | | | |
| 18B | Mon. | | | | | | | | |
| | Tues. | | | | | | | | |
| | Wed. | | | | | | | | |
| | Thurs. | | | | | | | | |
| | Fri. | | | | | | | | |
| LS C | Sat. | | | | | | | | |
| TOTALS | | | | | | | | | |
| 19B | Mon. | | | | | | | | |
| | Tues. | | | | | | | | |
| | Wed. | | | | | | | | |
| | Thurs. | | | | | | | | |
| | Fri. | | | | | | | | |
| LS C | Sat. | | | | | | | | |
| TOTALS | | | | | | | | | |
| 20B | Mon. | | | | | | | | |
| | Tues. | | | | | | | | |
| | Wed. | | | | | | | | |
| | Thurs. | | | | | | | | |
| | Fri. | | | | | | | | |
| LS C | Sat. | | | | | | | | |
| TOTALS | | | | | | | | | |

REPORTING TERMINAL PERFORMANCE OBJECTIVES (TERMOBS)

TABLE T-1

INSTRUCTIONAL DIVISION AND UNIT OUTLINE

AUTOMOTIVE MECHANICS

DOES THIS OUTLINE CONTAIN ALL OF THE INSTRUCTIONAL CONTENT OF YOUR
PROGRAM: YES ___ NO ___

| CODE | DIVISION | CODE | UNIT |
|------|-------------------------|------|-------------------------|
| 01 | POWER TRAIN | 01 | ENGINE |
| | | 02 | TRANSMISSION, STANDARD |
| | | 03 | TRANSMISSION, AUTOMATIC |
| | | 04 | CLUTCH |
| | | 05 | REAR END |
| | | 06 | DRIVE LINE |
| | | 07 | COOLING |
| 02 | FUEL AND EXHAUST | 01 | CARBURETOR |
| | | 02 | FUEL DELIVERY |
| | | 03 | EXHAUST |
| | | 04 | EXHAUST EMISSION |
| | | 05 | POLLUTION CONTROL VALVE |
| 03 | ELECTRICAL | 01 | IGNITION |
| | | 02 | LIGHTING |
| | | 03 | ACCESSORY |
| | | 04 | CHARGING |
| | | 05 | STARTING |
| | | 06 | STORAGE BATTERY |
| 04 | CHASSIS AND BODY | 01 | FRONT SUSPENSION |
| | | 02 | REAR SUSPENSION |
| | | 03 | STEERING (POWER) |
| | | 04 | STEERING (STANDARD) |
| | | 05 | WINDOWS AND DOORS |
| | | 06 | ACCESSORY |
| | | 07 | LUBRICATION |
| | | 08 | APPEARANCE |
| | | 09 | TIRES |
| | | 10 | WHEEL BEARINGS (FRONT) |
| | | 11 | WHEEL BEARINGS (REAR) |
| | | 12 | BRAKES (POWER) |
| | | 13 | BRAKES (DISC) |
| | | 14 | BRAKES (STANDARD) |
| 05 | BASIC EQUIPMENT & TOOLS | 01 | JACKING |
| | | 02 | GRINDING AND DRILLING |
| | | 03 | HOUSEKEEPING |
| | | 04 | SOLDERING |
| | | 05 | TORCH WORK |
| 06 | RECORD KEEPING | 01 | BILLING |
| | | 02 | REPAIR ORDERS |
| | | 03 | USE OF MANUALS |
| | | 04 | INVENTORY |
| | SHOP MANAGEMENT | 01 | SHOP LAYOUT/PLANNING |

| | | | |
|----|-------------------------|----|-----------------------------|
| 01 | POWER TRAIN | 01 | ENGINE |
| | | 02 | TRANSMISSION, STANDARD |
| | | 03 | TRANSMISSION, AUTOMATIC |
| | | 04 | CLUTCH |
| | | 05 | REAR END |
| | | 06 | DRIVE LINE |
| | | 07 | COOLING |
| 02 | FUEL AND EXHAUST | 01 | CARBURETOR |
| | | 02 | FUEL DELIVERY |
| | | 03 | EXHAUST |
| | | 04 | EXHAUST EMISSION |
| | | 05 | POLLUTION CONTROL VALVE |
| 03 | ELECTRICAL | 01 | IGNITION |
| | | 02 | LIGHTING |
| | | 03 | ACCESSORY |
| | | 04 | CHARGING |
| | | 05 | STARTING |
| | | 06 | STORAGE BATTERY |
| 04 | CHASSIS AND BODY | 01 | FRONT SUSPENSION |
| | | 02 | REAR SUSPENSION |
| | | 03 | STEERING (POWER) |
| | | 04 | STEERING (STANDARD) |
| | | 05 | WINDOWS AND DOORS |
| | | 06 | ACCESSORY |
| | | 07 | LUBRICATION |
| | | 08 | APPEARANCE |
| | | 09 | TIRES |
| | | 10 | WHEEL BEARINGS (FRONT) |
| | | 11 | WHEEL BEARINGS (REAR) |
| | | 12 | BRAKES (POWER) |
| | | 13 | BRAKES (DISC) |
| | | 14 | BRAKES (STANDARD) |
| 05 | BASIC EQUIPMENT & TOOLS | 01 | JACKING |
| | | 02 | GRINDING AND DRILLING |
| | | 03 | HOUSEKEEPING |
| | | 04 | SOLDERING |
| | | 05 | TORCH WORK |
| 06 | RECORD KEEPING | 01 | BILLING |
| | | 02 | REPAIR ORDERS |
| | | 03 | USE OF MANUALS |
| | | 04 | INVENTORY |
| 07 | SHOP MANAGEMENT | 01 | SHOP LAYOUT/PLANNING |
| | | 02 | WORK SCHEDULES |
| | | 03 | CUSTOMER RELATIONS |
| | | 04 | EMPLOYER/EMPLOYEE RELATIONS |
| | | 05 | ADVERTISING |
| | | 06 | COST CONTROL |
| | | 07 | ESTIMATING & INSURANCE |
| | | 08 | TRAINING & INSTRUCTION |
| | | 09 | SAFETY |

TABLE T-1A

ADDITIONAL INSTRUCTIONAL DIVISIONS AND UNITS

| CODE | DIVISION | CODE | UNIT |
|------|----------|------|------|
|------|----------|------|------|

TABLE T-2

TERMOB DIVISION AND UNIT OUTLINE

AUTOMOTIVE MECHANICS

DOES THIS OUTLINE CONTAIN ALL TOPICS IN WHICH GRADUATES ACQUIRE

JOB-ENTRY SKILLS: YES ___ NO ___

| CODE | DIVISION | CODE | UNIT |
|------|-------------------------|------|------------------------|
| 01 | ENGINE | 01 | COOLING SYSTEM |
| | | 02 | VALVES |
| | | 03 | BEARINGS |
| | | 04 | CYLINDERS |
| | | 05 | TIMING |
| | | 06 | OIL CIRCUIT |
| 02 | TRANSMISSION | 01 | MANUAL TRANSMISSION |
| | | 02 | AUTOMATIC TRANSMISSION |
| 03 | AIR CONDITIONING | 01 | TESTING |
| | | 02 | REPAIR |
| 04 | DRIVE LINE AND REAR END | 01 | UNIVERSAL JOINTS |
| | | 02 | REAR AXLES |
| | | 03 | SEALS |
| 05 | EXHAUST SYSTEM | 01 | EMISSION CONTROLS |
| | | 02 | EXHAUST PIPES |
| | | 03 | MANIFOLD |
| 06 | ELECTRICAL | 01 | STARTING SYSTEM |
| | | 02 | CHARGING SYSTEM |
| | | 03 | LIGHTING SYSTEM |
| | | 04 | ACCESSORIES |
| | | 05 | IGNITION SYSTEM |
| 07 | SUSPENSION | 01 | SHOCK ABSORBERS |
| | | 02 | FRONT END |
| | | 03 | WHEEL BEARINGS |
| | | 04 | SPRINGS |
| | | 05 | WHEEL BALANCING |
| | | 06 | TIRE MOUNTING |
| | | 07 | STEERING |
| | | 08 | LUBRICATION |
| 08 | BRAKES | 01 | DRUM BRAKES |
| | | 02 | DISC BRAKES |
| | | 03 | POWER ASSIST UNITS |
| 09 | FUEL SYSTEM | 01 | CARBURETOR |
| | | 02 | FUEL LINES |
| | | 03 | FUEL PUMP |
| | | 04 | FUEL TANK |
| | | 05 | FUEL GAUGE |
| | | 06 | FUEL FILTERS |
| | | 07 | AIR FILTER |

DIAGNOSES

| | | | |
|----|-------------------------|----|------------------------------|
| 01 | ENGINE | 01 | COOLING SYSTEM |
| | | 02 | VALVES |
| | | 03 | BEARINGS |
| | | 04 | CYLINDERS |
| | | 05 | TIMING |
| | | 06 | OIL CIRCUIT |
| 02 | TRANSMISSION | 01 | MANUAL TRANSMISSION |
| | | 02 | AUTOMATIC TRANSMISSION |
| 03 | AIR CONDITIONING | 01 | TESTING |
| | | 02 | REPAIR |
| 04 | DRIVE LINE AND REAR END | 01 | UNIVERSAL JOINTS |
| | | 02 | REAR AXLES |
| | | 03 | SEALS |
| 05 | EXHAUST SYSTEM | 01 | EMISSION CONTROLS |
| | | 02 | EXHAUST PIPES |
| | | 03 | MANIFOLD |
| 06 | ELECTRICAL | 01 | STARTING SYSTEM |
| | | 02 | CHARGING SYSTEM |
| | | 03 | LIGHTING SYSTEM |
| | | 04 | ACCESSORIES |
| | | 05 | IGNITION SYSTEM |
| 07 | SUSPENSION | 01 | SHOCK ABSORBERS |
| | | 02 | FRONT END |
| | | 03 | WHEEL BEARINGS |
| | | 04 | SPRINGS |
| | | 05 | WHEEL BALANCING |
| | | 06 | TIRE MOUNTING |
| | | 07 | STEERING |
| | | 08 | LUBRICATION |
| 08 | BRAKES | 01 | DRUM BRAKES |
| | | 02 | DISC BRAKES |
| | | 03 | POWER ASSIST UNITS |
| 09 | FUEL SYSTEM | 01 | CARBURETOR |
| | | 02 | FUEL LINES |
| | | 03 | FUEL PUMP |
| | | 04 | FUEL TANK |
| | | 05 | FUEL GAUGE |
| | | 06 | FUEL FILTERS |
| | | 07 | AIR FILTER |
| 10 | DIAGNOSES | 01 | ENGINE |
| | | 02 | MANUAL TRANSMISSION |
| | | 03 | AUTOMATIC TRANSMISSION |
| | | 04 | DRIVE AXLES AND DIFFERENTIAL |
| | | 05 | BRAKES |
| | | 06 | FRONT SUSPENSION |
| | | 07 | MANUAL STEERING |
| | | 08 | POWER STEERING |

TABLE T-2A

ADDITIONAL TERMOB DIVISIONS AND UNITS

| CODE | DIVISION | CODE | UNIT |
|------|----------|------|------|
|------|----------|------|------|

TERMINAL PERFORMANCE OBJECTIVES (TERMOBS)

and

REPORTING FORMS

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 01 ENGINE

UNIT 01 COOLING SYSTEM

TERMOB NO. 9-001

1.00 CONDITION

- ☐ 1.01 ANY AUTOMOBILE WITH A PRESSURIZED LIQUID COOLING SYSTEM
- ☐ 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
- ☐ 1.03 REPLACEMENT WATER PUMP
- ☐ 1.04 REPLACEMENT WATER PUMP GASKET
- ☐ 1.05 GASKET SEALER
- ☐ 1.06 ANTI-FREEZE
- ☐ 1.07 WATER
- ☐ 1.08 SERVICE MANUAL

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- ☐ 2.01 REPLACE WATER PUMP TO FOLLOWING PROCEDURE:
- ☐ 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- ☐ 3.01 WATER PUMP REPLACED AND OPERATING PROPERLY TO APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OF UNSATISFACTORY.
- ☐ 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 01 ENGINE

USOE CODE NO(S) _____

UNIT 01 COOLING SYSTEM

TERMOB NO. 9-001

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICSDIVISION 01 ENGINEUNIT 01 COOLING SYSTEMTERMOB NO. 9-002

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH PRESSURIZED COOLING SYSTEM
- () 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.03 SERVICE MANUAL
- () 1.04 FLUSHING SOLUTION
- () 1.05 RADIATOR & HEATER HOSES
- () 1.06 RADIATOR CAP
- () 1.07 ANTI-FREEZE
- () 1.08 FAN BELT
- () 1.09 THERMOSTAT
- () 1.10 COOLING SYSTEM PRESSURE TESTER
- () 1.11 HEATER CORE

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 PERFORM ROUTINE MAINTENANCE ON COOLING SYSTEM
EMPLOYING FOLLOWING OPERATIONS, EACH PER-
FORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

- () 2.02 DRAIN AND FLUSH COOLING SYSTEM
- () 2.03 REMOVE AND REPLACE WORN FAN BELT
- () 2.04 REPLACE WORN RADIATOR AND HEATER HOSES
- () 2.05 FILL THE COOLING SYSTEM
- () 2.06 PRESSURE TEST CAP
- () 2.07 REMOVE AND REPLACE RADIATOR CAP
- () 2.08 TEST THERMOSTAT
- () 2.09 REMOVE AND REPLACE THERMOSTAT IF DEFECTIVE
- () 2.10 PRESSURE TEST SYSTEM FOR LEAKS
- () 2.11 REMOVE AND REPLACE LEAKING HEATER CORE

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 COOLING SYSTEM SERVICED AND FUNCTIONING PROPERLY TO
APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS
TO BE COMPLETED WITHIN FLAT RATE TIME WITH PER-
FORMANCE OF EACH OPERATION AND EACH STEP OF MANU-
FACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATIS-
FACTORY.

- () 3.02 COOLING SYSTEM DRAINED AND FLUSHED
- () 3.03 WORN FAN BELT REPLACED
- () 3.04 WORN HOSES REPLACED
- () 3.05 COOLING SYSTEM FILLED

- () 1.01 ANY AUTOMOBILE WITH PRESSURIZED COOLING SYSTEM
- () 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.03 SERVICE MANUAL
- () 1.04 FLUSHING SOLUTION
- () 1.05 RADIATOR & HEATER HOSES
- () 1.06 RADIATOR CAP
- () 1.07 ANTI-FREEZE
- () 1.08 FAN BELT
- () 1.09 THERMOSTAT
- () 1.10 COOLING SYSTEM PRESSURE TESTER
- () 1.11 HEATER CORE

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 PERFORM ROUTINE MAINTENANCE ON COOLING SYSTEM
EMPLOYING FOLLOWING OPERATIONS, EACH PER-
FORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

- () 2.02 DRAIN AND FLUSH COOLING SYSTEM
- () 2.03 REMOVE AND REPLACE WORN FAN BELT
- () 2.04 REPLACE WORN RADIATOR AND HEATER HOSES
- () 2.05 FILL THE COOLING SYSTEM
- () 2.06 PRESSURE TEST CAP
- () 2.07 REMOVE AND REPLACE RADIATOR CAP
- () 2.08 TEST THERMOSTAT
- () 2.09 REMOVE AND REPLACE THERMOSTAT IF DEFECTIVE
- () 2.10 PRESSURE TEST SYSTEM FOR LEAKS
- () 2.11 REMOVE AND REPLACE LEAKING HEATER CORE

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 COOLING SYSTEM SERVICED AND FUNCTIONING PROPERLY TO
APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS
TO BE COMPLETED WITHIN FLAT RATE TIME WITH PER-
FORMANCE OF EACH OPERATION AND EACH STEP OF MANU-
FACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATIS-
FACTORY.

- () 3.02 COOLING SYSTEM DRAINED AND FLUSHED
- () 3.03 WORN FAN BELT REPLACED
- () 3.04 WORN HOSES REPLACED
- () 3.05 COOLING SYSTEM FILLED
- () 3.06 RADIATOR CAP TESTED
- () 3.07 DEFECTIVE CAP REPLACED
- () 3.08 THERMOSTAT TESTED
- () 3.09 THERMOSTAT REPLACED
- () 3.10 COOLING SYSTEM TESTED
- () 3.11 HEATER CORE REPLACED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 01 ENGINE

USOE CODE NO(S) _____

UNIT 01 COOLING SYSTEM

TERMOB NO. 9-002

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 01 ENGINE

UNIT 02 VALVES

TERMOB NO. 9-003

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE
- () 1.02 SERVICE MANUAL
- () 1.03 VALVE SPRING TESTER
- () 1.04 ROCKER STUDS
- () 1.05 VALVE GRINDER
- () 1.06 REAMERS
- () 1.07 STIFF WIRE BRUSH
- () 1.08 DEGREASER SOLUTION
- () 1.09 VALVE STEM SEALS
- () 1.10 SHIM WASHERS
- () 1.11 VALVE LIFTERS
- () 1.12 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.13 MICROMETER
- () 1.14 DIAL INDICATOR
- () 1.15 VALVE GRINDING GASKET SET

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 PERFORM VALVE JOB EMPLOYING THE FOLLOWING OPERATIONS,
EACH PERFORMED TO MANUFACTURER'S SPECIFIED
PROCEDURE:

- () 2.02 REMOVE HEAD FROM ENGINE
- () 2.03 REMOVE THE ROCKER ARMS
- () 2.04 REMOVE THE VALVES AND SPRINGS
- () 2.05 CHECK THE VALVE STEM-TO-GUIDE CLEARANCE
- () 2.06 DE-CARBON THE CYLINDER HEAD AND VALVES
- () 2.07 HOT-TANK THE CYLINDER HEAD
- () 2.08 DEGREASE CYLINDER HEAD PARTS
- () 2.09 REAM VALVE GUIDES
- () 2.10 RESURFACE THE VALVE FACES
- () 2.11 RESURFACE VALVE SEATS
- () 2.12 LAP THE VALVES
- () 2.13 CHECK THE VALVE SPRINGS
- () 2.14 INSTALL VALVE STEM SEALS
- () 2.15 INSTALL THE VALVES
- () 2.16 INSPECT ROCKER ARMS, BALLS, STUDS & NUTS
- () 2.17 REPLACE ROCKER STUDS
- () 2.18 REPLACE VALVE LIFTERS
- () 2.19 REPLACE HEAD

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 01 ENGINE

USOE CODE NO(S) _____

UNIT 02 VALVES

TERMOB NO. 9-003

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 01 ENGINE

UNIT 02 VALVES

TERMOB NO. 9-003 (CONT,)

2.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

() 3.01 VALVES SEAT PROPERLY AND ADJUSTED WITHIN MANUFACTURER'S SPECIFICATIONS MEETING APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

- () 3.02 HEAD REMOVED FROM ENGINE
- () 3.03 ROCKER ARMS REMOVED
- () 3.04 VALVES AND SPRINGS REMOVED
- () 3.05 VALVE STEM-TO-GUIDE CLEARANCE CHECKED PROPERLY WITH DIAL INDICATORS
- () 3.06 HEAD OF VALVES DE-CARBONED
- () 3.07 CYLINDER HEAD THOROUGHLY CLEANED
- () 3.08 CYLINDER HEAD PARTS DEGREASED
- () 3.09 VALVE GUIDES REAMED
- () 3.10 VALVE FACES RESURFACED
- () 3.11 VALVE SEATS RESURFACED
- () 3.12 EFFICIENT SEALING OF RESURFACED VALVES AND SEATS
- () 3.13 VALVE SPRING TENSION TESTED
- () 3.14 VALVE STEM SEALS INCLUDED
- () 3.15 VALVES INSTALLED
- () 3.16 ROCKER ARMS, BALLS, STUDS AND NUTS INSPECTED
- () 3.17 ROCKER STUDS REPLACED
- () 3.18 VALVE LIFTERS REPLACED
- () 3.19 HEAD REPLACED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 01 ENGINE

USOE CODE NO(S) _____

UNIT 02 VALVES

TERMOB NO. 9-003 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 01 ENGINE

UNIT 03 BEARINGS

TERMOB NO. 9-004

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE
- () 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.03 LIFT
- () 1.04 REPLACEMENT BEARINGS
- () 1.05 PLASTIC GAUGES
- () 1.06 OIL
- () 1.07 REPLACEMENT GASKETS
- () 1.08 SERVICE MANUAL
- () 1.09 LATHE
- () 1.10 REAR MAIN BEARING OIL SEAL
- () 1.11 FRONT ENGINE SEALS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
() 2.01 REPLACE MAIN CRANKSHAFT BEARINGS EMPLOYING FOLLOWING
OPERATIONS, EACH PERFORMED TO MANUFACTURER'S
SPECIFIED PROCEDURE:

- () 2.02 REMOVE BEARINGS
- () 2.03 REMOVE CRANKSHAFT
- () 2.04 GRIND CRANKSHAFT
- () 2.05 INSTALL CRANKSHAFT
- () 2.06 INSTALL REPLACEMENT BEARINGS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
() 3.01 NEW BEARINGS INSTALLED AND WORKING PROPERLY TO
APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS
TO BE COMPLETED WITHIN FLAT RATE TIME WITH PER-
FORMANCE OF EACH OPERATION AND EACH STEP OF MANU-
FACTURER'S PROCEDURE JUDGED SATISFACTORY OR
UNSATISFACTORY.

- () 3.02 BEARINGS REMOVED
- () 3.03 CRANKSHAFT REMOVED
- () 3.04 CRANKSHAFT GROUND
- () 3.05 CRANKSHAFT INSTALLED
- () 3.06 REPLACEMENT BEARINGS INSTALLED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 01 ENGINE

USOB CODE NO(S) _____

UNIT 03 BEARINGS

TERMOB NO. 9-004

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 01 ENGINE

UNIT 04 CYLINDERS

TERMOB NO. 9-005

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE
- () 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.03 REPLACEMENT GASKETS (HEAD, OIL PAN, ETC.)
- () 1.04 REPLACEMENT RINGS
- () 1.05 HONING STONE
- () 1.06 ELECTRIC DRILL
- () 1.07 ENGINE CYLINDER GRINDER
- () 1.08 OIL
- () 1.09 SERVICE MANUAL
- () 1.10 MICROMETERS
- () 1.11 RIDGE REMOVING TOOL

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 OVERHAUL CYLINDERS EMPLOYING FOLLOWING OPERATIONS,
EACH PERFORMED TO MANUFACTURER'S SPECIFIED
PROCEDURE:

- () 2.02 REMOVE HEADS
- () 2.03 REMOVE OIL PAN
- () 2.04 REMOVE CRANKSHAFT
- () 2.05 GRIND RIDGE AT TOP OF CYLINDER WALL
- () 2.06 REMOVE PISTON AND CONNECTING RODS
- () 2.07 CHECK CYLINDER BORE DIAMETER AND SURFACE
- () 2.08 CHECK BLOCK DECK FOR WARPAGE
- () 2.09 CHECK DECK HEIGHT
- () 2.10 CHECK CYLINDER BLOCK BEARING ALIGNMENT
- () 2.11 CLEAN AND INSPECT PISTONS AND CONNECTING RODS
- () 2.12 CLEAN PISTON RING GROOVE
- () 2.13 FIT THE PISTONS TO THE CYLINDERS
- () 2.14 ASSEMBLE THE PISTONS AND CONNECTING RODS
- () 2.15 BORE CYLINDERS
- () 2.16 HONE CYLINDERS
- () 2.17 CHECK PISTON RING END-GAP
- () 2.18 INSTALL PISTON RINGS
- () 2.19 INSTALL CRANKSHAFT
- () 2.20 INSTALL PISTONS
- () 2.21 CHECK CONNECTING ROD SIDE CLEARANCE
- () 2.22 REPLACE OIL PAN
- () 2.23 REPLACE HEADS
- () 2.24 FILL OIL SYSTEM

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 01 ENGINE

USOE CODE NO(S) _____

UNIT 04 CYLINDERS

TERMOB NO. 9-005

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 01 ENGINE

UNIT 04 CYLINDERS

TERMOB NO. 9-005 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

() 3.01 CYLINDERS AND RINGS OVERHAULED AND WORKING PROPERLY TO APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

- () 3.02 HEADS REMOVED
- () 3.03 OIL PAN REMOVED
- () 3.04 CRANKSHAFT REMOVED
- () 3.05 RIDGE GROUND OFF COMPLETELY
- () 3.06 PISTONS AND CONNECTION RODS REMOVED
- () 3.07 CYLINDER BORE DIAMETER AND SURFACE CHECKED
- () 3.08 DECK CHECKED FOR WARPAGE
- () 3.09 DECK HEIGHT CHECKED
- () 3.10 CYLINDER BLOCK BEARING ALIGNMENT CHECKED
- () 3.11 PISTONS AND CONNECTING RODS CLEANED AND INSPECTED
- () 3.12 PISTON RING GROOVE CLEANED
- () 3.13 PISTONS FITTED TO CYLINDERS
- () 3.14 PISTONS AND CONNECTING RODS ASSEMBLED
- () 3.15 CYLINDERS BORED
- () 3.16 CYLINDERS HONED
- () 3.17 PISTON RING END-GAP CHECKED
- () 3.18 PISTON RINGS INSTALLED
- () 3.19 CRANKSHAFT INSTALLED, END PLAY WITHIN TOLERANCE
- () 3.20 PISTONS INSTALLED
- () 3.21 CONNECTING ROD SIDE CLEARANCE CHECKED
- () 3.22 OIL PAN REPLACED
- () 3.23 HEADS REPLACED
- () 3.24 OIL SYSTEM FILLED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 01 ENGINE

USOE CODE NO(S) _____

UNIT CYLINDERS

TERMOB NO. 9-005 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 01 ENGINE

UNIT 05 TIMING

TERMOB NO. 9-006

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE
- () 1.02 SERVICE MANUAL
- () 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.04 NEW TIMING CHAIN
- () 1.05 CRANKCASE FRONT COVER GASKET
- () 1.06 GEAR PULLER
- () 1.07 FRONT SEAL
- () 1.08 OIL PAN GASKET
- () 1.09 TIMING SPROCKET
- () 1.10 CRANKSHAFT SPROCKET

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 REPLACE TIMING CHAIN EMPLOYING FOLLOWING OPERATIONS,
EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

- () 2.02 REPLACE TIMING SPROCKET
- () 2.03 REPLACE CRANKSHAFT SPROCKET
- () 2.04 REPLACE TIMING CHAIN

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 TIMING MARKS ARE IN CORRECT ALIGNMENT BETWEEN SHAFT
CENTER TO APPROVAL OF BOARD OF EXPERT RATERS. ALL
OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME
WITH PERFORMANCE OF EACH OPERATION AND EACH STEP
OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR
UNSATISFACTORY.

- () 3.02 NEW TIMING SPROCKET PROPERLY INSTALLED
- () 3.03 NEW CRANKSHAFT SPROCKET PROPERLY INSTALLED
- () 3.04 NEW TIMING CHAIN PROPERLY INSTALLED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 01 ENGINE

USOE CODE NO(S) _____

UNIT 05 TIMING

TERMOB NO. 9-006

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 01 ENGINE

UNIT 06 OIL CIRCUIT

TERMOB NO. 9-007

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE ENGINE ON STAND WITH
MALFUNCTIONING LUBRICATION SYSTEM
- () 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.03 OIL PRESSURE GAUGE
- () 1.04 NEW OIL PUMP
- () 1.05 OIL PAN GASKET SET
- () 1.06 ROCKER COVER GASKET SET

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 REMEDY POOR ENGINE LUBRICATION EMPLOYING THE FOLLOWING
OPERATION, EACH PERFORMED TO MANUFACTURER'S
SPECIFIED PROCEDURE:

- () 2.02 CHECK OIL PRESSURE
- () 2.03 REPAIR ANY OIL LEAKS
- () 2.04 REPAIR WORN OIL PUMP
- () 2.05 CLEAN OIL PUMP SCREEN
- () 2.06 CLEAN OUT OIL RETURN HOLES

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 ENGINE LUBRICATION CORRECTED WITH APPROVAL OF BOARD
OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED
WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH
OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE
JUDGED SATISFACTORY OR UNSATISFACTORY.

- () 3.02 OIL PRESSURE TESTED
- () 3.03 ALL OIL LEAKS REPAIRED
- () 3.04 WORN OIL PUMP REPLACED
- () 3.05 OIL PUMP SCREEN CLEANED
- () 3.06 OIL RETURN HOLES CLEANED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 01 ENGINE

USOE CODE NO(S) _____

UNIT 06 OIL CIRCUIT

TERMOB NO. 9-007

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 02 TRANSMISSION

UNIT 01 MANUAL TRANSMISSION

TERMOB NO. 9-008

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH MANUAL TRANSMISSION
REQUIRING SHIFT LINKAGE ADJUSTMENT
- () 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.03 SERVICE MANUAL
- () 1.04 SHIFT LINKAGE ADJUSTMENT GAUGES

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 ADJUST SHIFT LINKAGE TO FOLLOWING PROCEDURE:

- () 2.02 PROCEDURE AS SPECIFIED IN MANUFACTURER'S SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 SHIFTS THROUGH ALL POSITIONS WITH FULL GEAR ENGAGEMENT
AND MEETS APPROVAL OF BOARD OF EXPERT RATERS. ALL
OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH
PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANU-
FACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATIS-
FACTORY.

- () 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 02 TRANSMISSION

USOE CODE NO(S) _____

UNIT 01 MANUAL TRANSMISSION

TERMOB NO. 9-008

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

74

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 02 TRANSMISSION

UNIT 01 MANUAL TRANSMISSION

TERMOB NO. 9-009

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH MANUAL TRANSMISSION
- () 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.03 ARBOR PRESS
- () 1.04 REPLACEMENT SYNCHRONIZER STOP RINGS
- () 1.05 REPLACEMENT SYNCHRONIZER STRUTS
- () 1.06 REPLACEMENT CLUTCH GEAR
- () 1.07 REPLACEMENT CLUTCH GEAR SLEEVE
- () 1.08 REPLACEMENT GASKETS
- () 1.09 GEAR OIL
- () 1.10 SERVICE MANUAL
- () 1.11 NECESSARY SPECIAL TOOLS
- () 1.12 FRONT TRANSMISSION BEARING
- () 1.13 REAR TRANSMISSION BEARING

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
() 2.01 REPLACE ALL SYNCHRONIZER ASSEMBLIES EMPLOYING THE
FOLLOWING OPERATIONS, EACH PERFORMED TO MANU-
FACTURER'S SPECIFIED PROCEDURE:

- () 2.02 DISASSEMBLE TRANSMISSION
- () 2.03 REMOVE OLD SYNCHRONIZERS
- () 2.04 INSTALL REPLACEMENT SYNCHRONIZERS
- () 2.05 REPLACE FRONT TRANSMISSION BEARING
- () 2.06 REPLACE REAR TRANSMISSION BEARING
- () 2.07 REASSEMBLE TRANSMISSION

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
() 3.01 NEW SYNCHRONIZERS INSTALLED AND WORKING PROPERLY TO
APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS
TO BE COMPLETED WITHIN FLAT RATE TIME WITH PER-
FORMANCE OF EACH OPERATION AND EACH STEP OF MANU-
FACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATIS-
FACTORY.

- () 3.02 TRANSMISSION DISASSEMBLED
- () 3.03 OLD SYNCHRONIZERS REMOVED
- () 3.04 REPLACEMENT SYNCHRONIZERS INSTALLED
- () 3.05 FRONT TRANSMISSION BEARING INSTALLED
- () 3.06 REAR TRANSMISSION BEARING INSTALLED

- () 1.01 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.02 ARBOR PRESS
- () 1.03 REPLACEMENT SYNCHRONIZER STOP RINGS
- () 1.04 REPLACEMENT SYNCHRONIZER STRUTS
- () 1.05 REPLACEMENT CLUTCH GEAR
- () 1.06 REPLACEMENT CLUTCH GEAR SLEEVE
- () 1.07 REPLACEMENT GASKETS
- () 1.08 GEAR OIL
- () 1.09 SERVICE MANUAL
- () 1.10 NECESSARY SPECIAL TOOLS
- () 1.11 FRONT TRANSMISSION BEARING
- () 1.12 REAR TRANSMISSION BEARING

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 REPLACE ALL SYNCHRONIZER ASSEMBLIES EMPLOYING THE FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

- () 2.02 DISASSEMBLE TRANSMISSION
- () 2.03 REMOVE OLD SYNCHRONIZERS
- () 2.04 INSTALL REPLACEMENT SYNCHRONIZERS
- () 2.05 REPLACE FRONT TRANSMISSION BEARING
- () 2.06 REPLACE REAR TRANSMISSION BEARING
- () 2.07 REASSEMBLE TRANSMISSION

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 NEW SYNCHRONIZERS INSTALLED AND WORKING PROPERLY TO APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

- () 3.02 TRANSMISSION DISASSEMBLED
- () 3.03 OLD SYNCHRONIZERS REMOVED
- () 3.04 REPLACEMENT SYNCHRONIZERS INSTALLED
- () 3.05 FRONT TRANSMISSION BEARING INSTALLED
- () 3.06 REAR TRANSMISSION BEARING INSTALLED
- () 3.07 TRANSMISSION REASSEMBLED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 02 TRANSMISSION

USOE CODE NO(S) _____

UNIT 01 MANUAL TRANSMISSION

TERMOB NO. 9-009

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 02 TRANSMISSION

UNIT 01 MANUAL TRANSMISSION

TERMOB NO. 9-010

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH 3 SPEED MANUAL TRANSMISSION
- () 1.02 SERVICE MANUAL
- () 1.03 NEW PRESSURE PLATE
- () 1.04 NEW CLUTCH DISC
- () 1.05 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.06 CLUTCH ALIGNING TOOL
- () 1.07 NEW PILOT BEARING
- () 1.08 NEW RELEASE BEARING

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
() 2.01 REPLACE CLUTCH ASSEMBLY EMPLOYING THE FOLLOWING
OPERATION, EACH PERFORMED TO MANUFACTURER'S
SPECIFIED PROCEDURE:

- () 2.02 REPLACE PRESSURE PLATE
- () 2.03 REPLACE CLUTCH DISC
- () 2.04 REPLACE PILOT BEARING
- () 2.05 REPLACE RELEASE BEARING
- () 2.06 ADJUST CLUTCH PEDAL FREE PLAY

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
() 3.01 CLUTCH ASSEMBLY REPLACED AND WILL PERFORM WITHOUT
SLIPPAGE OF GEAR GRINDING WITH APPROVAL OF BOARD
OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED
WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH
OPERATION AND EACH STEP OF MANUFACTURER'S PRO-
CEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

- () 3.02 PRESSURE PLATE REPLACED
- () 3.03 CLUTCH DISC REPLACED
- () 3.04 PILOT BEARING REPLACED
- () 3.05 RELEASE BEARING REPLACED
- () 3.06 CLUTCH PROPERLY ADJUSTED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 02 TRANSMISSION

USOE CODE NO(S) _____

UNIT 01 MANUAL TRANSMISSION

TERMOB NO. 9-010

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 02 TRANSMISSION

UNIT 01 MANUAL TRANSMISSION

TERMOB NO. 9-011

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH 3 SPEED MANUAL TRANSMISSION
- () 1.02 SERVICE MANUAL
- () 1.03 BASIC MECHANIC'S TOOLS (APPENDIX 1)
- () 1.04 NEW PILOT BEARING
- () 1.05 NEW RELEASE BEARING ASSEMBLY
- () 1.06 CLUTCH ALIGNING TOOL
- () 1.07 PILOT BEARING PULLER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
() 2.01 REPLACE CLUTCH BEARINGS EMPLOYING THE FOLLOWING
OPERATIONS, EACH PERFORMED TO MANUFACTURER'S
SPECIFIED PROCEDURE:

- () 2.02 REPLACE PILOT BEARING
- () 2.03 REPLACE RELEASE BEARING ASSEMBLY

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
() 3.01 CLUTCH BEARINGS REPLACED WITH APPROVAL OF BOARD OF
EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED
WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH
OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE
JUDGED SATISFACTORY OR UNSATISFACTORY.

- () 3.02 PILOT BEARING REPLACED
- () 3.03 RELEASE BEARING ASSEMBLY REPLACED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 02 TRANSMISSION

USOE CODE NO(S) _____

UNIT 01 MANUAL TRANSMISSION

TERMOB NO. 9-011

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 02 TRANSMISSION

UNIT 01 MANUAL TRANSMISSION

TERMOB NO. 9-012

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH MANUAL TRANSMISSION
- () 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.03 REPLACEMENT TRANSMISSION SEALS
- () 1.04 SERVICE MANUAL
- () 1.05 TRANSMISSION SEAL PULLER
- () 1.06 TRANSMISSION SEAL INSTALLER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
() 2.01 REPLACE FRONT AND REAR TRANSMISSION SEALS TO
FOLLOWING PROCEDURE:

- () 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 - EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
() 3.01 FRONT AND REAR SEALS REPLACED PROPERLY TO APPROVAL
OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE
COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE
OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S
PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

- () 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 02 TRANSMISSION

USOE CODE NO(S) _____

UNIT 01 MANUAL TRANSMISSION

TERMOB NO. 9-012

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 02 TRANSMISSION

UNIT 02 AUTOMATIC
TRANSMISSION

TERMOB NO. 9-013

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH AUTOMATIC TRANSMISSION
- () 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.03 TRANSMISSION FLUID
- () 1.04 SERVICE MANUAL
- () 1.05 BAND ADJUSTING TOOLS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME,
() 2.01 PERFORM ROUTINE MAINTENANCE ON AUTOMATIC TRANSMISSION
EMPLOYING FOLLOWING OPERATIONS, EACH PERFORMED TO
MANUFACTURER'S SPECIFIED PROCEDURE:

- () 2.02 DRAIN TRANSMISSION FLUID
- () 2.03 REMOVE AND CLEAN PAN
- () 2.04 CLEAN OIL SCREEN
- () 2.05 ADJUST TRANSMISSION BANDS
- () 2.06 FILL TO NORMAL LEVEL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
() 3.01 ROUTINE MAINTENANCE ON AUTOMATIC TRANSMISSION
COMPLETED WITH APPROVAL OF BOARD OF EXPERT RATERS.
ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE
TIME WITH PERFORMANCE OF EACH OPERATION AND EACH
STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY
OR UNSATISFACTORY.

- () 3.02 TRANSMISSION DRAINED
- () 3.03 TRANSMISSION PAN CLEANED
- () 3.04 OIL SCREEN CLEANED
- () 3.05 TRANSMISSION BANDS ADJUSTED
- () 3.06 TRANSMISSION FILLED WITH FLUID

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 02

TRANSMISSION

USOE CODE NO(S) _____

UNIT 02

AUTOMATIC TRANSMISSION

TERMOB NO.

9-013

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 02 TRANSMISSION

UNIT 02 AUTOMATIC

TERMOB NO. TRANSMISSION
9-014

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH AUTOMATIC TRANSMISSION
- () 1.02 SERVICE MANUAL
- () 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.04 AUTOMATIC TRANSMISSION FLUID
- () 1.05 REPLACEMENT OUTPUT SHAFT OIL SEAL
- () 1.06 EXTENSION HOUSING GASKET
- () 1.07 SPEEDOMETER PINION SEAL
- () 1.08 SPEEDOMETER CABLE SEAL
- () 1.09 OIL FILLER TUBE SEAL
- () 1.10 OIL PAN GASKET
- () 1.11 GEAR SHIFT CONTROL CABLE SEAL
- () 1.12 THROTTLE SHAFT SEAL
- () 1.13 NEUTRAL STARTING SWITCH SEAL
- () 1.14 FRONT OIL PUMP HOUSING SEAL
- () 1.15 IMPELLER SHAFT OIL SEAL

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 REPLACE TRANSMISSION SEALS EMPLOYING THE FOLLOWING
OPERATIONS, EACH PERFORMED TO MANUFACTURER'S
SPECIFIED PROCEDURE

- () 2.02 REPLACE TRANSMISSION OUTPUT SHAFT OIL SEAL
- () 2.03 REPLACE EXTENSION HOUSING GASKET
- () 2.04 REPLACE SPEEDOMETER PINION SEAL
- () 2.05 REPLACE SPEEDOMETER CABLE SEAL
- () 2.06 REPLACE OIL FILLER TUBE SEAL
- () 2.07 REPLACE OIL PAN GASKET
- () 2.08 REPLACE GEAR SHIFT CONTROL CABLE SEAL
- () 2.09 REPLACE THROTTLE SHAFT SEAL
- () 2.10 REPLACE NEUTRAL STARTING SWITCH SEAL
- () 2.11 REPLACE FRONT OIL PUMP HOUSING SEAL
- () 2.12 REPLACE IMPELLER SHAFT OIL SEAL

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 02

TRANSMISSION

USOE CODE NO(S) _____

UNIT 02

AUTOMATIC

TRANSMISSION

TERMOB NO.

9-024

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM- AUTOMOTIVE MECHANICS

DIVISION 02 TRANSMISSION

UNIT 02 AUTOMATIC
TRANSMISSION

TERMOB NO. 9-014 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

() 3.01 TRANSMISSION SEALS REPLACED PROPERLY TO APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

- () 3.02 TRANSMISSION OUTPUT SHAFT OIL SEAL REPLACED
- () 3.03 EXTENSION HOUSING GASKET REPLACED
- () 3.04 SPEEDOMETER PINION SEAL REPLACED
- () 3.05 SPEEDOMETER CABLE SEAL REPLACED
- () 3.06 OIL FILLER TUBE SEAL REPLACED
- () 3.07 OIL PAN GASKET REPLACED
- () 3.08 GEAR SHIFT CONTROL CABLE SEAL REPLACED
- () 3.09 THROTTLE SHAFT SEAL REPLACED
- () 3.10 NEUTRAL STARTING SWITCH SEAL REPLACED
- () 3.11 FRONT OIL PUMP HOUSING SEAL REPLACED
- () 3.12 IMPELLER SHAFT OIL SEAL REPLACED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 02

TRANSMISSION

USOE CODE NO(S) _____

UNIT 02

AUTOMATIC TRANSMISSION

TERMOB NO.

9-014 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 02 TRANSMISSION

UNIT 02 AUTOMATIC
TRANSMISSION

TERMOB NO. 9-015

1.00 CONDITION

- ☐ 1.01 ANY AUTOMOBILE WITH AUTOMATIC TRANSMISSION
- ☐ 1.02 SERVICE MANUAL
- ☐ 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
- ☐ 1.04 LINKAGE ADJUSTING GAUGES

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
☐ 2.01 ADJUST AUTOMATIC TRANSMISSION LINKAGE TO FOLLOWING
PROCEDURE:

- ☐ 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
☐ 3.01 AUTOMATIC TRANSMISSION LINKAGE ADJUSTED AND SHIFTS
INTO EACH GEAR AS INDICATED WITH APPROVAL OF BOARD
OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED
WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH
OPERATION AND EACH STEP OF MANUFACTURER'S
PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

- ☐ 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED.

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 02 TRANSMISSION

USOE CODE NO(S) _____

UNIT 02 AUTOMATIC TRANSMISSION

TERMOB NO. 9-015

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 03 AIR CONDITIONING

UNIT 01 TESTING

TERMOB NO. 9-016

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH AIR CONDITIONING
- () 1.02 AIR CONDITIONING SERVICE MANUAL
- () 1.03 AIR CONDITIONING TOOLS (TABLE T-3A)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 VISUALLY INSPECT AIR CONDITIONING SYSTEM FOR CAUSES OF POSSIBLE MALFUNCTION EMPLOYING THE FOLLOWING OPERATIONS:

- () 2.02 INSPECT DRIVE BELTS
- () 2.03 INSPECT CLUTCH
- () 2.04 INSPECT ALL HOSES, TUBING AND CONNECTIONS
- () 2.05 INSPECT ELECTRICAL WIRES AND CONNECTIONS
- () 2.06 INSPECT ENGINE COOLING SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 AIR CONDITIONING SYSTEM INSPECTED AND ALL CAUSES OF POSSIBLE MALFUNCTION ARE LOCATED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY.

- () 3.02 BELTS PROPERLY ALIGNED, NOT FRAYED OR WORN, AND TIGHT WITHIN SPECIFICATIONS
- () 3.03 CLUTCH ENERGIZING AND ENGAGING PROPERLY
- () 3.04 HOSES ARE NOT DRIED OR CRACKED, ALL LEAKS LOCATED
- () 3.05 WIRES NOT WORN, CONNECTIONS TIGHT
- () 3.06 SYSTEM CLEAN AND OPERATING PROPERLY

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 03 AIR CONDITIONING

USOE CODE NO(S) _____

UNIT 01 TESTING

TERMOB NO. 9-016

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 03 AIR CONDITIONING

UNIT 01 TESTING

TERMOB NO. 9-017

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH AIR CONDITIONING
- () 1.02 AIR CONDITIONING SERVICE MANUAL
- () 1.03 AIR CONDITIONING TOOLS (TABLE T-3A)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 OPERATIONALLY TEST AIR CONDITIONING SYSTEM FOR CAUSES OF POSSIBLE MALFUNCTION EMPLOYING THE FOLLOWING OPERATIONS:

- () 2.02 CONNECT MANIFOLD GAUGES
- () 2.03 PURGE AIR FROM CHARGING HOSES
- () 2.04 START ENGINE
- () 2.05 READ AIR VENT TEMPERATURE
- () 2.06 CHECK SYSTEM FOR REFRIGERANT LEVEL
- () 2.07 CHECK PRESSURE READING ON MANIFOLD GAUGES
- () 2.08 CHECK FOR RESTRICTIONS OR PARTIAL BLOCKAGES IN SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 AIR CONDITIONING SYSTEM OPERATIONALLY TESTED FOR CAUSES OF POSSIBLE MALFUNCTION TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT TIME WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY.

- () 3.02 SECURELY AT PROPER LOCATIONS
- () 3.03 HIGH SIDE FIRST
- () 3.04 ENGINE RUNNING AT 1750 RPM, SYSTEM ALLOWED TO STABILIZE
- () 3.05 IN VENT NEAREST EVAPORATOR TEMPERATURE SHOULD BE BETWEEN 38-48° F
- () 3.06 REFRIGERANT LEVEL CHECKED
- () 3.07 PRESSURE AND AMBIENT TEMPERATURE ARE WITHIN SPECIFICATIONS
- () 3.08 RESTRICTIONS OR PARTIAL BLOCKAGES LOCATED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 03

AIR CONDITIONING

USOE CODE NO(S) _____

UNIT 01

TESTING

TERMOB NO.

9-017

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 03 AIR CONDITIONING

UNIT 01 TESTING

TERMOB NO. 9-018

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH AIR CONDITIONING
- () 1.02 AIR CONDITIONING SERVICE MANUAL
- () 1.03 AIR CONDITIONING TOOLS (TABLE T-3A)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 TEST AIR CONDITIONING SYSTEM FOR LEAKS EMPLOYING THE FOLLOWING OPERATIONS:

- () 2.02 VISUALLY INSPECT FOR LEAKS
- () 2.03 USE FLAME TEST LEAK DETECTOR
- () 2.04 USE ELECTRONIC LEAK DETECTOR
- () 2.05 USE INTERNAL CHARGE LEAK DETECTOR

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 AIR CONDITIONING SYSTEM TESTED FOR LEAKS AND ALL LEAKS LOCATED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY.

- () 3.02 ALL LEAKS LOCATED BY OBSERVING OIL RESIDUE
- () 3.03 ALL LEAKS LOCATED BY OBSERVING FLAME COLOR CHANGE
- () 3.04 ALL LEAKS LOCATED BY ELECTRONIC EQUIPMENT
- () 3.05 ALL LEAKS LOCATED BY TELL-TALE RESIDUE

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 03 AIR CONDITIONING

USOE CODE NO(S) _____

UNIT 01 TESTING

TERMOB NO. 9-018

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 03 AIR CONDITIONING

UNIT 02 REPAIR

TERMOB NO. 9-019

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH AIR CONDITIONING
- () 1.02 AIR CONDITIONING SERVICE MANUAL
- () 1.03 AIR CONDITIONING TOOLS (TABLE T-3A)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
() 2.01 DISCHARGE AIR CONDITIONING SYSTEM EMPLOYING THE
FOLLOWING OPERATIONS:

- () 2.02 OPEN HIGH SIDE MANIFOLD HAND VALVE
- () 2.03 OPEN LOW SIDE MANIFOLD HAND VALVE
- () 2.04 INCREASE OPENINGS OF BOTH MANIFOLD HAND VALVES

7

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
() 3.01 AIR CONDITIONING SYSTEM IS DISCHARGED TO APPROVAL OF
BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN
FLAT RATE TIME WITH EACH OPERATION JUDGED AS
SATISFACTORY OR UNSATISFACTORY.

- () 3.02 SLOWLY, NO COMPRESSOR OIL IS DISCHARGED WITH
REFRIGERANT
- () 3.03 SLOWLY, NO COMPRESSOR OIL IS DISCHARGED WITH
REFRIGERANT
- () 3.04 SLOWLY, AS PRESSURE DROPS UNTIL GAUGES INDICATE 0 PSI

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 03 AIR CONDITIONING

USOE CODE NO(S) _____

UNIT 02 REPAIR

TERMOB NO. 9-019

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 03 AIR CONDITIONING

UNIT 02 REPAIR

TERMOB NO. 9-020

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH AIR CONDITIONING AND LOCATED LEAKS
- () 1.02 AIR CONDITIONING SERVICE MANUAL
- () 1.03 AIR CONDITIONING TOOLS (TABLE T-3A)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
() 2.01 REPAIR LEAKS IN AIR CONDITIONING SYSTEM EMPLOYING
THE FOLLOWING OPERATIONS:

- () 2.02 REPLACE FAULTY "O" RING(S)
- () 2.03 REPLACE FAULTY HOSE(S)
- () 2.04 REPLACE COMPRESSOR SHAFT SEAL
- () 2.05 REPLACE COMPRESSOR CLUTCH
- () 2.06 REPLACE THERMOSTAT
- () 2.07 REPLACE CONDENSER
- () 2.08 REPLACE EXPANSION VALVE
- () 2.09 REPLACE SUCTION THROTTLE VALVE
- () 2.10 REPLACE EVAPORATION PRESSURE/TEMPERATURE REGULATOR

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
() 3.01 LEAKS IN AIR CONDITIONING SYSTEM ARE REPAIRED TO
APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED
WITHIN FLAT RATE TIME WITH EACH OPERATION JUDGED
AS SATISFACTORY OR UNSATISFACTORY.

- () 3.02 "O" RINGS REPLACED, CLEAN AND PROPERLY OILED
- () 3.03 HOSES REPLACED, CONNECTIONS CLEAN AND PROPERLY OILED
- () 3.04 COMPRESSOR SHAFT SEAL REPLACED, CLEAN AND PROPERLY OILED
- () 3.05 COMPRESSOR CLUTCH REPLACED, CLEAN AND PROPERLY OILED
- () 3.06 THERMOSTAT REPLACED, CLEAN AND PROPERLY OILED
- () 3.07 CONDENSER REPLACED, CLEAN AND PROPERLY OILED
- () 3.08 EXPANSION VALVE REPLACED, CLEAN AND PROPERLY OILED
- () 3.09 SUCTION THROTTLE VALVE REPLACED, CLEAN AND PROPERLY OILED
- () 3.10 EVAPORATION PRESSURE/TEMPERATURE REGULATOR REPLACED, CLEAN AND PROPERLY OILED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 03 AIR CONDITIONING

USOE CODE NO(S) _____

UNIT 02 REPAIR

TERMOB NO. 9-020

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 03 AIR CONDITIONING

UNIT 02 REPAIR

TERMOB NO. 9-021

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH AIR CONDITIONING
- () 1.02 AIR CONDITIONING SERVICE MANUAL
- () 1.03 AIR CONDITIONING TOOLS (TABLE T-3A)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
() 2.01 EVACUATE AIR CONDITIONING SYSTEM EMPLOYING THE
FOLLOWING OPERATIONS:

- () 2.02 CONNECT CENTER HOSE TO VACUUM PUMP
- () 2.03 OPEN MANIFOLD VALVES
- () 2.04 EVACUATE SYSTEM
- () 2.05 CLOSE MANIFOLD VALVES
- () 2.06 REMOVE VACUUM PUMP

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
() 3.01 AIR CONDITIONING SYSTEM IS EVACUATED TO APPROVAL OF
BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN
FLAT RATE TIME WITH EACH OPERATION JUDGED AS
SATISFACTORY OR UNSATISFACTORY.

- () 3.02 CONNECTIONS ARE CLEAN AND "AIR TIGHT"
- () 3.03 MANIFOLD VALVES OPEN
- () 3.04 FOR 30 MINUTES AFTER READING REACHES 29"
- () 3.05 MANIFOLD VALVES CLOSED
- () 3.06 VACUUM PUMP REMOVED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 03

AIR CONDITIONING

USOE CODE NO(S) _____

UNIT 02

REPAIR

TERMOB NO.

9-021

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 03 AIR CONDITIONING

UNIT 02 REPAIR

TERMOB NO. 9-022

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH AIR CONDITIONING SYSTEM EVACUATED
- () 1.02 AIR CONDITIONING SERVICE MANUAL
- () 1.03 AIR CONDITIONING TOOLS (TABLE T-3A)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 RECHARGE AIR CONDITIONING SYSTEM EMPLOYING THE FOLLOWING OPERATIONS:

- () 2.02 CONNECT CENTER HOSE TO NEW CAN OF REFRIGERANT
- () 2.03 PURGE AIR FROM CENTER HOSE
- () 2.04 OPEN HIGH SIDE MANIFOLD VALVE
- () 2.05 CLOSE HIGH SIDE MANIFOLD VALVE
- () 2.06 START ENGINE
- () 2.07 OPEN LOW SIDE MANIFOLD VALVE
- () 2.08 CLOSE LOW SIDE MANIFOLD VALVE
- () 2.09 REPEAT PROCESS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 AIR CONDITIONING SYSTEM IS RECHARGED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY.

- () 3.02 CONNECTIONS ARE CLEAN AND "PRESSURE TIGHT"
- () 3.03 CENTER HOSE FREE OF AIR
- () 3.04 REFRIGERANT IS FLOWING INTO SYSTEM
- () 3.05 WHEN GAUGES STOP RISING
- () 3.06 ENGINE IS RUNNING AT 1750 RPM, SYSTEM ALLOWED TO STABILIZE
- () 3.07 REFRIGERANT IS FLOWING INTO SYSTEM
- () 3.08 WHEN GAUGES STOP RISING
- () 3.09 WITH AS MANY CANS OF REFRIGERANT AS NECESSARY TO BRING SYSTEM TO FULL CHARGE, SYSTEM IS NOT OVERCHARGED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 03 AIR CONDITIONING

USOE CODE NO(S) _____

UNIT 02 REPAIR

TERMOB NO. 9-022

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 04 DRIVE LINE &
REAR END

UNIT UNIVERSAL JOINTS

TERMOB NO. 9-023

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE
- () 1.02 SERVICE MANUAL
- () 1.03 NEW UNIVERSAL JOINTS
- () 1.04 BASIC MECHANIC'S TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

(☒) 2.01 REPLACE UNIVERSAL JOINTS TO FOLLOWING PROCEDURE:

() 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

() 3.01 UNIVERSAL JOINTS REPLACED AND ALL TOLERANCES AND ADJUSTMENTS WITHIN MANUFACTURER'S SPECIFICATIONS WITH APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

() 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 04 DRIVE LINE &

USOE CODE NO(S) _____

UNIT REAR END

TERMOB NO. 9-023

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

107

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 04 DRIVE LINE &

REAR END

UNIT 02 REAR AXLES

TERMOB NO. 9-024

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE
- () 1.02 SERVICE MANUAL
- () 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.04 OIL SEAL
- () 1.05 BEARING RETAINER
- () 1.06 GREASE BAFFLE
- () 1.07 BEARING ASSEMBLY
- () 1.08 GASKET
- () 1.09 AXLES
- () 1.10 AXLE PULLER
- () 1.11 AXLE SEAL PULLER
- () 1.12 AXLE SEAL INSTALLER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 REPLACE REAR AXLES EMPLOYING THE FOLLOWING
OPERATIONS, EACH PERFORMED TO MANUFACTURER'S
SPECIFIED PROCEDURE:

- () 2.02 REMOVE AXLES
- () 2.03 REPLACE GASKETS
- () 2.04 REPLACE OIL SEALS
- () 2.05 REPLACE BEARING RETAINER
- () 2.06 REPLACE BEARING ASSEMBLY
- () 2.07 REPLACE GREASE BAFFLE
- () 2.08 REPLACE AXLES

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 REAR AXLES REPLACED ACCORDING TO MANUFACTURER'S
SPECIFICATIONS TO APPROVAL OF BOARD OF EXPERT
RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN
FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION
AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED
SATISFACTORY OR UNSATISFACTORY.

- () 3.02 AXLES REMOVED
- () 3.03 GASKETS REPLACED
- () 3.04 OIL SEALS REPLACED
- () 3.05 BEARING RETAINER REPLACED
- () 3.06 BEARING ASSEMBLY REPLACED

- () 1.01 ANY AUTOMOBILE
- () 1.02 SERVICE MANUAL
- () 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.04 OIL SEAL
- () 1.05 BEARING RETAINER
- () 1.06 GREASE BAFFLE
- () 1.07 BEARING ASSEMBLY
- () 1.08 GASKET
- () 1.09 AXLES
- () 1.10 AXLE PULLER
- () 1.11 AXLE SEAL PULLER
- () 1.12 AXLE SEAL INSTALLER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 REPLACE REAR AXLES EMPLOYING THE FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

- () 2.02 REMOVE AXLES
- () 2.03 REPLACE GASKETS
- () 2.04 REPLACE OIL SEALS
- () 2.05 REPLACE BEARING RETAINER
- () 2.06 REPLACE BEARING ASSEMBLY
- () 2.07 REPLACE GREASE BAFFLE
- () 2.08 REPLACE AXLES

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 REAR AXLES REPLACED ACCORDING TO MANUFACTURER'S SPECIFICATIONS TO APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

- () 3.02 AXLES REMOVED
- () 3.03 GASKETS REPLACED
- () 3.04 OIL SEALS REPLACED
- () 3.05 BEARING RETAINER REPLACED
- () 3.06 BEARING ASSEMBLY REPLACED
- () 3.07 GREASE BAFFLE REPLACED
- () 3.08 AXLES REPLACED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

USOE CODE NO(S) _____

DIVISION 04 DRIVE LINE &

UNIT 02 REAR END

TERMOB NO. REAR AXLES
9-024

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 04 DRIVE LINE &

REAR END

UNIT 03 SEALS

TERMOB NO. 9-025

1.00 CONDITION

- ☐ 1.01 ANY AUTOMOBILE
- ☐ 1.02 SERVICE MANUAL
- ☐ 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
- ☐ 1.04 NEW REAR AXLE SEALS
- ☐ 1.05 AXLE SEAL PULLER
- ☐ 1.06 AXLE SEAL INSTALLER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

☐ 2.01 REPLACE REAR AXLE SEALS TO FOLLOWING PROCEDURE:

☐ 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

☐ 3.01 REAR AXLE SEALS REPLACED AND NO LEAKS INTO BRAKE DRUMS WITH APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

☐ 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 04 DRIVE LINE &

USOE CODE NO(S) _____

UNIT 03 REAR END

TERMOB NO. 9-025

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 05 EXHAUST SYSTEM

UNIT 01 EMISSION CONTROL

TERMOB NO. 9-026

1.00 CONDITION

- ☐ 1.01 ANY AUTOMOBILE
- ☐ 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
- ☐ 1.03 SERVICE MANUAL

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
☐ 2.01 SERVICE EXHAUST EMISSION SYSTEM TO FOLLOWING PROCEDURE:
☐ 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
☐ 3.01 EXHAUST EMISSION SYSTEM SERVICED ACCORDING TO
MANUFACTURER'S SPECIFICATIONS MEETING APPROVAL OF
BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE
COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF
EACH OPERATION AND EACH STEP OF MANUFACTURER'S
PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.
☐ 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 05 EXHAUST SYSTEM

USOE CODE NO(S) _____

UNIT 01 EMISSION CONTROL

TERMOB NO. 9-026

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 05 EXHAUST SYSTEM

UNIT 01 EMISSION CONTROLS

TERMOB NO. 9-027

1.00 CONDITION

- ☐ 1.01 ANY AUTOMOBILE
- ☐ 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
- ☐ 1.03 P.C.V. VALVE

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
☐ 2.01 REPLACE P.C.V. VALVE TO FOLLOWING PROCEDURE:

- ☐ 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
☐ 3.01 P.C.V. VALVE REPLACED TO MANUFACTURER'S SPECIFICATIONS MEETING APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

- ☐ 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 05

EXHAUST SYSTEM

USOE CODE NO(S) _____

UNIT

01

EMISSION CONTROLS

TERMOB NO.

9-027

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 05 EXHAUST SYSTEM

UNIT 02 EXHAUST PIPES &
MUFFLERS

TERMOB NO. 9-028

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH ENGINE EXHAUST LEAKS
- () 1.02 NEW EXHAUST PIPES AND MUFFLER
- () 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.04 SERVICE MANUAL
- () 1.05 OXYGEN-ACETYLENE WELDING EQUIPMENT
- () 1.06 EXHAUST MANIFOLD AND GASKET

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 REPAIR EXHAUST LEAKS EMPLOYING THE FOLLOWING
OPERATION, PERFORMED TO MANUFACTURER'S SPECIFIED
PROCEDURE:

- () 2.02 INSTALL EXHAUST PIPES, MUFFLERS, AND TAIL PIPE

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 ALL EXHAUST LEAKS REPAIRED TO APPROVAL OF BOARD OF
EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED
WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH
OPERATION AND EACH STEP OF MANUFACTURER'S
PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

- () 3.02 EXHAUST PIPES, MUFFLER AND TAIL PIPE INSTALLED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 05 EXHAUST SYSTEM

USOE CODE NO(S) _____

UNIT 02 EXHAUST PIPES &

MUFFLERS

TERMOB NO. 9-028

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 05 EXHAUST SYSTEM

UNIT 03 MANIFOLD

TERMOB NO. 9-066

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH ENGINE EXHAUST LEAKS
- () 1.02 NEW EXHAUST PIPES AND MUFFLER
- () 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.04 SERVICE MANUAL
- () 1.05 OXYGEN-ACETYLENE WELDING EQUIPMENT
- () 1.06 EXHAUST MANIFOLD AND GASKET

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 REPAIR EXHAUST LEAKS EMPLOYING EACH OF THE FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

- () 2.02 REPLACE EXHAUST MANIFOLD
- () 2.03 REPLACE HEAT RISER VALVES

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 ALL EXHAUST LEAKS REPAIRED TO APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

- () 3.02 EXHAUST MANIFOLD REPLACED
- () 3.03 HEAT RISER VALVES REPLACED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 05 EXHAUST SYSTEM

USOE CODE NO(S) _____

UNIT 03 MANIFOLD

TERMOB NO. 9-066

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 06

ELECTRICAL

UNIT 01

STARTING SYSTEM

TERMOB NO.

9-029

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH MALFUNCTIONING STARTER MOTOR
- () 1.02 SERVICE MANUAL
- () 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.04 VOLTMETER/AMMETER TESTER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 TEST THE STARTER EMPLOYING FOLLOWING OPERATIONS,
EACH PERFORMED TO MANUFACTURER'S SPECIFIED
PROCEDURE:

- () 2.02 CHECK CRANKING RPM
- () 2.03 CHECK STARTER RELAY
- () 2.04 PERFORM CURRENT DRAW TEST
- () 2.05 CHECK VOLTAGE DROP CIRCUIT
- () 2.06 CHECK CABLES AND CONNECTIONS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 STARTER TESTED AND PERFORMING TO MANUFACTURER'S
SPECIFICATIONS WITH APPROVAL OF BOARD OF EXPERT
RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME
WITH PERFORMANCE OF EACH OPERATION AND EACH STEP
OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY
OR UNSATISFACTORY.

- () 3.02 CRANKING RPM CHECKED
- () 3.03 STARTER RELAY CHECKED
- () 3.04 CURRENT DRAW TESTED
- () 3.05 VOLTAGE DROP CIRCUIT CHECKED
- () 3.06 CABLES AND CONNECTIONS CHECKED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 06 ELECTRICAL

USOE CODE NO(S) _____

UNIT 01 STARTING SYSTEM

TERMOB NO. 9-029

1.00. CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 06 ELECTRICAL

UNIT 01 STARTING SYSTEM

TERMOB NO. 9-030

1.00 CONDITION

- ☐ ~~1.01~~ ANY AUTOMOBILE WITH MALFUNCTIONING STARTER
- ☐ 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
- ☐ 1.03 SERVICE MANUAL
- ☐ 1.04 NEW STARTER DRIVE ASSEMBLY

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
☐ 2.01 REPAIR STARTER EMPLOYING FOLLOWING OPERATIONS, EACH
PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

- ☐ 2.02 REMOVE STARTER
- ☐ 2.03 REPLACE STARTER DRIVE ASSEMBLY
- ☐ 2.04 REPLACE STARTER

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
☐ 3.01 STARTER REPAIRED AND PERFORMING TO MANUFACTURER'S
SPECIFICATIONS WITH APPROVAL OF BOARD OF EXPERT
RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT
TIME WITH PERFORMANCE OF EACH OPERATION AND EACH
STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY
OR UNSATISFACTORY.

- ☐ 3.02 STARTER REMOVED
- ☐ 3.03 STARTER DRIVE ASSEMBLY REPLACED
- ☐ 3.04 STARTER REPLACED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 06 ELECTRICAL

USOE CODE NO(S) _____

UNIT 01 STARTING SYSTEM

TERMOB NO. 9-030

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 06 ELECTRICAL

UNIT 02 CHARGING SYSTEM

TERMOB NO. 9-031

1.00 CONDITION

- ☐ 1.01 ANY AUTOMOBILE WITH MALFUNCTIONING CHARGING SYSTEM
- ☐ 1.02 HYDROMETER
- ☐ 1.03 VOLTMETER
- ☐ 1.04 AMMETER
- ☐ 1.05 BASIC MECHANIC'S TOOLS (TABLE T-3)
- ☐ 1.06 OSCILLOSCOPE
- ☐ 1.07 SERVICE MANUAL
- ☐ 1.08 DIODE TESTER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- ☐ 2.01 CHECK CHARGING SYSTEM EMPLOYING FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

- ☐ 2.02 CHECK SPECIFIC GRAVITY IN BATTERY
- ☐ 2.03 CHECK BATTERY CONNECTIONS
- ☐ 2.04 INSPECT DRIVE BELTS
- ☐ 2.05 CHECK DIODES IN ALTERNATOR
- ☐ 2.06 CHECK ALTERNATOR/GENERATOR CURRENT OUTPUT
- ☐ 2.07 TEST VOLTAGE/ALTERNATOR REGULATOR
- ☐ 2.08 CHECK CHARGING CIRCUIT RESISTANCE

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- ☐ 3.01 CHARGING SYSTEM CHECKED AND ALL MALFUNCTIONS LOCATED WITH APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE OF TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

- ☐ 3.02 SPECIFIC GRAVITY IN BATTERY CHECKED
- ☐ 3.03 BATTERY CONNECTION CHECKED
- ☐ 3.04 DRIVE BELTS INSPECTED
- ☐ 3.05 DIODE IN ALTERNATOR CHECKED
- ☐ 3.06 CURRENT OUTPUT OF GENERATOR/ALTERNATOR CHECKED
- ☐ 3.07 VOLTAGE/ALTERNATOR REGULATOR TESTED
- ☐ 3.08 CHARGING CIRCUIT RESISTANCE CHECKED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 06 ELECTRICAL

USOE CODE NO(S) _____

UNIT 02 CHARGING SYSTEM

TERMOB NO. 9-031

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

PROGRAM AUTOMOTIVE MECHANICSDIVISION 06 ELECTRICALUNIT 02 CHARGING SYSTEMTERMOB NO. 9-032

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH MALFUNCTIONING CHARGING SYSTEM
- () 1.02 SERVICE MANUAL
- () 1.03 VOLTMETER
- () 1.04 AMMETER
- () 1.05 OSCILLOSCOPE
- () 1.06 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.07 BRUSHES FOR GENERATOR
- () 1.08 DIODES FOR ALTERNATOR
- () 1.09 NEW GENERATOR/ALTERNATOR
- () 1.10 NEW VOLTAGE/ALTERNATOR REGULATOR
- () 1.11 DRIVE BELTS
- () 1.12 NEW BATTERY
- () 1.13 DIODE TESTER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 REMEDY MALFUNCTIONING CHARGING SYSTEM EMPLOYING ONE OR MORE OF THE FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

- () 2.02 REPLACE BRUSHES IN GENERATOR
- () 2.03 CLEAN GENERATOR COMMUTATOR GROOVES
- () 2.04 REPLACE DIODES IN ALTERNATOR
- () 2.05 REPLACE GENERATOR
- () 2.06 REPLACE ALTERNATOR
- () 2.07 CLEAN CONTACTS IN VOLTAGE/ALTERNATOR REGULATOR
- () 2.08 REPLACE VOLTAGE/ALTERNATOR REGULATOR
- () 2.09 CLEAN BATTERY CONNECTIONS
- () 2.10 REPLACE BATTERY
- () 2.11 TIGHTEN DRIVE BELTS
- () 2.12 REPLACE DRIVE BELTS
- () 2.13 TEST GENERATOR/ALTERNATOR

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 CHARGING SYSTEM FUNCTIONING ACCORDING TO MANUFACTURER'S SPECIFICATIONS WITH APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

- () 3.02 BRUSHES IN GENERATOR REPLACED
- () 3.03 GENERATOR COMMUTATOR GROOVES CLEANED

- () 1.01 ANY AUTOMOBILE WITH MALFUNCTIONING CHARGING SYSTEM
- () 1.02 SERVICE MANUAL
- () 1.03 VOLTMETER
- () 1.04 AMMETER
- () 1.05 OSCILLOSCOPE
- () 1.06 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.07 BRUSHES FOR GENERATOR
- () 1.08 DIODES FOR ALTERNATOR
- () 1.09 NEW GENERATOR/ALTERNATOR
- () 1.10 NEW VOLTAGE/ALTERNATOR REGULATOR
- () 1.11 DRIVE BELTS
- () 1.12 NEW BATTERY
- () 1.13 DIODE TESTER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 REMEDY MALFUNCTIONING CHARGING SYSTEM EMPLOYING ONE OR MORE OF THE FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

- () 2.02 REPLACE BRUSHES IN GENERATOR
- () 2.03 CLEAN GENERATOR COMMUTATOR GROOVES
- () 2.04 REPLACE DIODES IN ALTERNATOR
- () 2.05 REPLACE GENERATOR
- () 2.06 REPLACE ALTERNATOR
- () 2.07 CLEAN CONTACTS IN VOLTAGE/ALTERNATOR REGULATOR
- () 2.08 REPLACE VOLTAGE/ALTERNATOR REGULATOR
- () 2.09 CLEAN BATTERY CONNECTIONS
- () 2.10 REPLACE BATTERY
- () 2.11 TIGHTEN DRIVE BELTS
- () 2.12 REPLACE DRIVE BELTS
- () 2.13 TEST GENERATOR/ALTERNATOR

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 CHARGING SYSTEM FUNCTIONING ACCORDING TO MANUFACTURER'S SPECIFICATIONS WITH APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

- () 3.02 BRUSHES IN GENERATOR REPLACED
- () 3.03 GENERATOR COMMUTATOR GROOVES CLEANED
- () 3.04 DIODE IN ALTERNATOR REPLACED
- () 3.05 GENERATOR REPLACED
- () 3.06 ALTERNATOR REPLACED
- () 3.07 CONTACTS CLEANED
- () 3.08 REGULATOR REPLACED
- () 3.09 BATTERY CONNECTIONS CLEANED
- () 3.10 BATTERY REPLACED
- () 3.11 DRIVE BELTS TIGHT
- () 3.12 DRIVE BELTS REPLACED
- () 3.13 GENERATOR/ALTERNATOR OPERATING PROPERLY

7/74

127

T-78

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 06 ELECTRICAL

USOE CODE NO (S) _____

UNIT 02 CHARGING SYSTEM

TERMOB NO. 9-032

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 06

ELECTRICAL

UNIT 03

LIGHTING SYSTEM

TERMOB NO.

9-033

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH MALFUNCTIONING LIGHTING SYSTEM
- () 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.03 SERVICE MANUAL
- () 1.04 LIGHTING SWITCHES
- () 1.05 LAMPS
- () 1.06 12 VOLT TEST LIGHT

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 REMEDY MALFUNCTIONING LIGHTING SYSTEM EMPLOYING ONE OR MORE OF THE FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

- () 2.02 TRACE LIGHTING CIRCUITS AND HARNESSES
- () 2.03 TRACE AND REPAIR OPENS AND SHORTS
- () 2.04 REPAIR HARNESS
- () 2.05 REPLACE DEFECTIVE LAMPS
- () 2.06 REPLACE DEFECTIVE SWITCHES
- () 2.07 CHECK AND SECURE ALL LIGHTING CONNECTIONS
- () 2.08 ADJUST HEADLIGHTS
- () 2.09 REPLACE SIGNAL FLASHERS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 ALL LIGHTS FUNCTIONING ACCORDING TO MANUFACTURER'S SPECIFICATIONS WITH APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

- () 3.02 LIGHTING CIRCUIT AND HARNESS TRACED
- () 3.03 ALL OPENS AND SHORTS REPAIRED
- () 3.04 HARNESS REPAIRED
- () 3.05 LAMPS REPLACED
- () 3.06 SWITCHES REPLACED
- () 3.07 ALL LIGHTING CONNECTIONS CHECKED AND SECURED
- () 3.08 HEADLIGHTS ARE ADJUSTED
- () 3.09 SIGNAL FLASHERS REPLACED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 06 ELECTRICAL

USOE CODE NO(S) _____

UNIT 03 LIGHTING SYSTEM

TERMOB NO. 9-033

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 06 ELECTRICAL

UNIT 04 ACCESSORIES

TERMOB NO. 9-034

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH MALFUNCTIONING ELECTRICAL ACCESSORIES
- () 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.03 SERVICE MANUAL
- () 1.04 RADIO FREQUENCY INTERFERENCE SHIELD
- () 1.05 HORN RELAY
- () 1.06 ELECTRIC SWITCHES
- () 1.07 ELECTRIC WIPER MOTOR
- () 1.08 CIGARETTE LIGHTER
- () 1.09 OIL AND TEMPERATURE GAUGES
- () 1.10 GAS TANK UNIT AND GAUGE
- () 1.11 NEW RADIO AND ANTENNA
- () 1.12 ELECTRIC WINDOW MOTOR
- () 1.13 SPEEDOMETER CABLE
- () 1.14 FREON
- () 1.15 HEATER CORE
- () 1.16 HEATER BLOWER
- () 1.17 SOLDERING IRON AND SOLDER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 REMEDY MALFUNCTIONING ELECTRICAL ACCESSORIES EMPLOYING ONE OR MORE OF THE FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE.

- () 2.02 CHECK FUSE BOX
- () 2.03 CHECK AND SECURE ALL ELECTRICAL CONNECTIONS
- () 2.04 LOCATE, TEST AND REPLACE DEFECTIVE RADIO FREQUENCY INTERFERENCE SHIELD
- () 2.05 TEST, REPAIR OR REPLACE HORN RELAY
- () 2.06 TEST, REPAIR OR REPLACE ELECTRIC WIPER MOTOR
- () 2.07 TEST, REPAIR OR REPLACE OVERDRIVE CIRCUIT AND SWITCHES
- () 2.08 TEST, REPAIR OR REPLACE CIGARETTE LIGHTER
- () 2.09 TEST, REPAIR OR REPLACE OIL AND TEMPERATURE GAUGES
- () 2.10 TEST, REPAIR OR REPLACE GAS TANK UNIT AND GAUGE
- () 2.11 TEST, REPAIR OR REPLACE RADIO & ANTENNA
- () 2.12 TEST, REPAIR OR REPLACE ELECTRIC WINDOW MOTOR
- () 2.13 TEST, REPAIR OR REPLACE SPEEDOMETER CABLE
- () 2.14 CHARGE AIR CONDITIONER
- () 2.15 REPAIR OR REPLACE HEATER CORE
- () 2.16 REPAIR OR REPLACE HEATER BLOWER
- () 2.17 CHECK AND REPAIR ALL ELECTRICAL ACCESSORY SWITCHES

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 06 ELECTRICAL

USOE CODE NO(S) _____

UNIT 04 ACCESSORIES

TERMOB NO. 9-034

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 06 ELECTRICAL

UNIT 04 ACCESSORIES

TERMOB NO. 9-034 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

() 3.01 ALL ELECTRICAL ACCESSORIES FUNCTIONING ACCORDING TO MANUFACTURER'S SPECIFICATIONS WITH APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME FOR EACH OPERATION PERFORMED, WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

- () 3.02 ALL FUSES CHECKED
- () 3.03 ALL ELECTRICAL CONNECTIONS ARE SECURE
- () 3.04 DEFECTIVE RADIO FREQUENCY INTERFERENCE SHIELD FUNCTIONS PROPERLY
- () 3.05 HORN RELAY FUNCTIONS PROPERLY
- () 3.06 ELECTRIC WIPERS OPERATE PROPERLY
- () 3.07 OVERDRIVE CIRCUIT AND SWITCHES FUNCTION IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS
- () 3.08 CIGARETTE LIGHTER OPERATIVE
- () 3.09 OIL AND TEMPERATURE GAUGES ARE OPERATIVE
- () 3.10 GAS TANK UNIT AND GAUGE ARE OPERATIVE
- () 3.11 RADIO AND ANTENNA FUNCTION PROPERLY
- () 3.12 ELECTRIC WINDOW IS OPERATIVE
- () 3.13 SPEEDOMETER FUNCTIONS PROPERLY
- () 3.14 AIR CONDITIONER IS CHARGED
- () 3.15 HEATER CORE IS REPAIRED OR REPLACED
- () 3.16 HEATER BLOWER IS REPAIRED OR REPLACED
- () 3.17 ELECTRICAL ACCESSORY SWITCHES ARE OPERATIVE

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 06 ELECTRICAL

USOE CODE NO(S) _____

UNIT 04 ACCESSORIES

TERMOB NO. 9-034 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

PROGRAM AUTOMOTIVE MECHANICSDIVISION 06 ELECTRICALUNIT 05 IGNITION SYSTEMTERMOB NO. 9-035

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH A STANDARD IGNITION SYSTEM
- () 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.03 SERVICE MANUAL
- () 1.04 OHMMETER
- () 1.05 DWELL METER
- () 1.06 OSCILLOSCOPE
- () 1.07 REPLACEMENT COIL
- () 1.08 REPLACEMENT SPARK PLUGS
- () 1.09 REPLACEMENT IGNITION WIRES
- () 1.10 REPLACEMENT CONDENSER
- () 1.11 REPLACEMENT DISTRIBUTOR CAP
- () 1.12 REPLACEMENT ROTOR
- () 1.13 REPLACEMENT POINTS
- () 1.14 COIL TESTER
- () 1.15 CARBURETOR CLEANER
- () 1.16 P.C.V. VALVE
- () 1.17 TIMING LIGHT

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 PERFORM IGNITION SYSTEM TUNE UP EMPLOYING FOLLOWING OPERATIONS EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

- () 2.02 REPLACE COIL
- () 2.03 REPLACE IGNITION WIRES
- () 2.04 REPLACE CONDENSER
- () 2.05 REPLACE SPARK PLUGS
- () 2.06 REPLACE ROTOR
- () 2.07 REPLACE DISTRIBUTOR CAP
- () 2.08 CLEAN CARBURETOR
- () 2.09 ADJUST CARBURETOR AND AUTOMATIC CHOKE
- () 2.10 SET DWELL ANGLE
- () 2.11 ADJUST IGNITION TIMING
- () 2.12 REPLACE P.C.V. VALVE
- () 2.13 INSPECT ALL BELTS
- () 2.14 INSPECT BATTERY AND FILL TO PROPER LEVEL
- () 2.15 REPLACE IGNITION POINTS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 ENGINE OPERATING SMOOTHLY WITH ALL ADJUSTMENTS WITHIN MANUFACTURER'S SPECIFICATIONS TO APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE

- () 1.01 ANY AUTOMOBILE WITH A STANDARD IGNITION SYSTEM
- () 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.03 SERVICE MANUAL
- () 1.04 OHMMETER
- () 1.05 DWELL METER
- () 1.06 OSCILLOSCOPE
- () 1.07 REPLACEMENT COIL
- () 1.08 REPLACEMENT SPARK PLUGS
- () 1.09 REPLACEMENT IGNITION WIRES
- () 1.10 REPLACEMENT CONDENSER
- () 1.11 REPLACEMENT DISTRIBUTOR CAP
- () 1.12 REPLACEMENT ROTOR
- () 1.13 REPLACEMENT POINTS
- () 1.14 COIL TESTER
- () 1.15 CARBURETOR CLEANER
- () 1.16 P.C.V. VALVE
- () 1.17 TIMING LIGHT

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 PERFORM IGNITION SYSTEM TUNE UP EMPLOYING FOLLOWING OPERATIONS EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

- () 2.02 REPLACE COIL
- () 2.03 REPLACE IGNITION WIRES
- () 2.04 REPLACE CONDENSER
- () 2.05 REPLACE SPARK PLUGS
- () 2.06 REPLACE ROTOR
- () 2.07 REPLACE DISTRIBUTOR CAP
- () 2.08 CLEAN CARBURETOR
- () 2.09 ADJUST CARBURETOR AND AUTOMATIC CHOKE
- () 2.10 SET DWELL ANGLE
- () 2.11 ADJUST IGNITION TIMING
- () 2.12 REPLACE P.C.V. VALVE
- () 2.13 INSPECT ALL BELTS
- () 2.14 INSPECT BATTERY AND FILL TO PROPER LEVEL
- () 2.15 REPLACE IGNITION POINTS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 ENGINE OPERATING SMOOTHLY WITH ALL ADJUSTMENTS WITHIN MANUFACTURER'S SPECIFICATIONS TO APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

- () 3.02 COIL REPLACED
- () 3.03 IGNITION WIRES REPLACED
- () 3.04 CONDENSER REPLACED
- () 3.05 SPARK PLUGS REPLACED
- () 3.06 ROTOR REPLACED
- () 3.07 DISTRIBUTOR CAP REPLACED
- () 3.08 CARBURETOR IS CLEANED
- () 3.09 CARBURETOR AND AUTOMATIC CHOKE ARE ADJUSTED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 06 ELECTRICAL

USOE CODE NO(S) _____

UNIT 05 IGNITION SYSTEM

TERMOB NO. 9-035

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 06 ELECTRICAL

UNIT 05 IGNITION SYSTEM

TERMOB NO. 9-035 (CONT.)

3.00 EXTENT (CONT.)

- () 3.10 DWELL ANGLE IS PROPERLY SET
- () 3.11 IGNITION TIMING IS ADJUSTED
- () 3.12 P.C.V. VALVE IS REPLACED
- () 3.13 ALL BELTS ARE INSPECTED
- () 3.14 BATTERY INSPECTED AND FILLED TO APPROPRIATE LEVEL
- () 3.15 IGNITION POINTS REPLACED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 06 ELECTRICAL

USOE CODE NO(S) _____

UNIT 05 IGNITION SYSTEM

TERMOB NO. 9-035 (CONT.)

3.00 EXTENT (CONT.)

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

UNIT 01 SHOCK ABSORBERS

TERMOB NO. 9-036

1.00 CONDITION

- ☐ 1.01 ANY AUTOMOBILE
- ☐ 1.02 4 NEW SHOCK ABSORBERS
- ☐ 1.03 RUBBER BUSHINGS
- ☐ 1.04 BASIC MECHANIC'S TOOLS (TABLE T-3)
- ☐ 1.05 JACK AND STAND
- ☐ 1.06 SERVICE MANUAL

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- ☐ 2.01 REPLACE ALL SHOCK ABSORBERS TO THE FOLLOWING PROCEDURE:
- ☐ 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- ☐ 3.01 SHOCKS INSTALLED WITH BUSHINGS AND BOLTS FASTENED FIRMLY TO APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.
- ☐ 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

USOE CODE NO(S) _____

UNIT 01 SHOCK ABSORBERS

TERMOB NO. 9-036

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICSDIVISION 07 SUSPENSIONUNIT 02 FRONT ENDTERMOB NO. 9-037

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE
- () 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.03 FRONT END ALIGNMENT MACHINE
- () 1.04 WHEEL BALANCER
- () 1.05 WHEEL BALANCING WEIGHTS
- () 1.06 REPLACEMENT BALL JOINTS
- () 1.07 REPLACEMENT UPPER CONTROL ARM
- () 1.08 REPLACEMENT LOWER CONTROL ARM
- () 1.09 REPLACEMENT WHEEL BEARINGS (FRONT)
- () 1.10 REPLACEMENT SHOCK ABSORBERS
- () 1.11 LIFT
- () 1.12 BALL JOINT REMOVAL AND INSTALLATION EQUIPMENT

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 OVERHAUL FRONT END EMPLOYING FOLLOWING OPERATIONS,
EACH PERFORMED TO MANUFACTURER'S SPECIFIED
PROCEDURE:

- () 2.02 REPLACE BALL JOINTS
- () 2.03 REPLACE LOWER CONTROL ARM
- () 2.04 REPLACE UPPER CONTROL ARM
- () 2.05 REPLACE FRONT COIL SPRINGS
- () 2.06 REPLACE FRONT WHEEL BEARINGS
- () 2.07 REPLACE FRONT SHOCKS
- () 2.08 ALIGN FRONT END
- () 2.09 BALANCE FRONT WHEELS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 FRONT END OVERHAULED AND OPERATING PROPERLY TO APPROVAL
OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE
COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE
OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S
PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

- () 3.02 BALL JOINTS REPLACED
- () 3.03 LOWER CONTROL ARM REPLACED
- () 3.04 UPPER CONTROL ARM REPLACED
- () 3.05 FRONT COIL SPRINGS REPLACED
- () 3.06 FRONT WHEEL BEARINGS REPLACED

- () 1.01 ANY AUTOMOBILE
- () 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.03 FRONT END ALIGNMENT MACHINE
- () 1.04 WHEEL BALANCER
- () 1.05 WHEEL BALANCING WEIGHTS
- () 1.06 REPLACEMENT BALL JOINTS
- () 1.07 REPLACEMENT UPPER CONTROL ARM
- () 1.08 REPLACEMENT LOWER CONTROL ARM
- () 1.09 REPLACEMENT WHEEL BEARINGS (FRONT)
- () 1.10 REPLACEMENT SHOCK ABSORBERS
- () 1.11 LIFT
- () 1.12 BALL JOINT REMOVAL AND INSTALLATION EQUIPMENT

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 OVERHAUL FRONT END EMPLOYING FOLLOWING OPERATIONS,
EACH PERFORMED TO MANUFACTURER'S SPECIFIED
PROCEDURE:

- () 2.02 REPLACE BALL JOINTS
- () 2.03 REPLACE LOWER CONTROL ARM
- () 2.04 REPLACE UPPER CONTROL ARM
- () 2.05 REPLACE FRONT COIL SPRINGS
- () 2.06 REPLACE FRONT WHEEL BEARINGS
- () 2.07 REPLACE FRONT SHOCKS
- () 2.08 ALIGN FRONT END
- () 2.09 BALANCE FRONT WHEELS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 FRONT END OVERHAULED AND OPERATING PROPERLY TO APPROVAL
OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE
COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE
OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S
PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

- () 3.02 BALL JOINTS REPLACED
- () 3.03 LOWER CONTROL ARM REPLACED
- () 3.04 UPPER CONTROL ARM REPLACED
- () 3.05 FRONT COIL SPRINGS REPLACED
- () 3.06 FRONT WHEEL BEARINGS REPLACED
- () 3.07 FRONT SHOCK ABSORBERS REPLACED
- () 3.08 FRONT END ALIGNED
- () 3.09 FRONT WHEELS BALANCED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

USOE CODE NO(S) _____

UNIT 02 FRONT END

TERMOB NO. 9-037

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

UNIT 03 WHEELBEARINGS

TERMOB NO. 9-038

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE
- () 1.02 WHEEL BEARING GREASE
- () 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.04 SERVICE MANUAL
- () 1.05 JACK
- () 1.06 LIFT
- () 1.07 STANDS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 REPACK WHEEL BEARINGS EMPLOYING THE FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

- () 2.02 REMOVE WHEEL BEARINGS
- () 2.03 CLEAN AND INSPECT WHEEL BEARINGS
- () 2.04 REPACK WHEEL BEARINGS
- () 2.05 RE-INSTALL WHEEL BEARINGS
- () 2.06 ADJUST WHEEL BEARINGS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 WHEEL BEARINGS REPACKED TO MANUFACTURER'S SPECIFICATIONS WITH APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

- () 3.02 WHEEL BEARINGS REMOVED
- () 3.03 WHEEL BEARINGS CLEANED
- () 3.04 WHEEL BEARINGS REPACKED
- () 3.05 REPACKED WHEEL BEARINGS REPLACED
- () 3.06 WHEEL BEARINGS ADJUSTED

MISOE NO. 1

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07

SUSPENSION

USOE CODE NO(S)

UNIT 03

WHEELBEARINGS

TERMOB NO.

9-038

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

UNIT 04 SPRINGS

TERMOB NO. 9-039

1.00 CONDITION

- ☐ 1.01 ANY AUTOMOBILE
- ☐ 1.02 JACK
- ☐ 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
- ☐ 1.04 COIL SPRINGS
- ☐ 1.05 LEAF SPRINGS
- ☐ 1.06 SERVICE MANUAL
- ☐ 1.07 LIFT
- ☐ 1.08 STANDS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

☐ 2.01 REPLACE SPRINGS TO THE FOLLOWING PROCEDURE:

☐ 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

☐ 3.01 SPRINGS INSTALLED WITH ALL BOLTS FASTENED MEETING APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

☐ 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

USOE CODE NO(S) _____

UNIT 04 SPRINGS

TERMOB NO. 9-039

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

UNIT 05 WHEEL BALANCING

TERMOB NO. 9-040

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH UNBALANCED WHEELS
- () 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.03 SERVICE MANUAL
- () 1.04 BALANCING WEIGHTS
- () 1.05 WHEEL BALANCING MACHINE

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 BALANCE WHEELS USING DYNAMIC WHEEL BALANCING MACHINE
TO THE FOLLOWING PROCEDURE:

- () 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 WHEELS BALANCED AND OPERATING SMOOTHLY TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY.

- () 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

USOE CODE NO(S) _____

UNIT 05 WHEEL BALANCING

TERMOB NO. 9-040

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

UNIT 05 WHEEL BALANCING

TERMOB NO. 9-041

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH UNBALANCED WHEELS
- () 1.02 BASIC MECHANIC'S HAND TOOLS (TABLE T-3)
- () 1.03 SERVICE MANUAL
- () 1.04 BALANCING WEIGHTS
- () 1.05 WHEEL BALANCING MACHINE

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 BALANCE WHEELS USING STATIC WHEEL BALANCING MACHINE
TO THE FOLLOWING PROCEDURE:

- () 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 WHEELS BALANCED AND OPERATING SMOOTHLY TO APPROVAL OF
BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT
RATE TIME WITH EACH OPERATION JUDGED AS SATISFACTORY
OR UNSATISFACTORY.

- () 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

USOE CODE NO(S) _____

UNIT 05 WHEEL BALANCING

TERMOB NO. 9-041

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

UNIT 06 TIRE MOUNTING

TERMOB NO. 9-042

1.00 CONDITION

- ☐ 1.01 ANY AUTOMOBILE WITH FLAT TIRE
- ☐ 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
- ☐ 1.03 JACK
- ☐ 1.04 TIRE CHANGING MACHINE
- ☐ 1.05 REPAIR KIT
- ☐ 1.06 TEST TANK
- ☐ 1.07 SERVICE MANUAL

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- ☐ 2.01 REPAIR FLAT TUBELESS TIRE TO THE FOLLOWING PROCEDURE:
- ☐ 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- ☐ 3.01 TIRE IS REPAIRED TO APPROVAL OF BOARD OF EXPERT RATERS.
TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH
OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY.
- ☐ 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

USOE CODE NO(S) _____

UNIT 06 TIRE MOUNTING

TERMOB NO. 9-042

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME /

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

UNIT 06 TIRE MOUNTING

TERMOB NO. 9-043

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH FLAT TIRE
- () 1.02 BASIC MECHANIC'S HAND TOOLS (TABLE T-3)
- () 1.03 JACK
- () 1.04 TIRE CHANGING MACHINE
- () 1.05 REPAIR KIT
- () 1.06 TEST TANK
- () 1.07 SERVICE MANUAL
- () 1.08 REPLACEMENT TUBE

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 REPAIR FLAT TIRE WITH TUBE TO THE FOLLOWING PROCEDURE:
- () 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 TIRE IS REPAIRED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITH FLAT RATE TIME WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY.
- () 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

USOE CODE NO(S) _____

UNIT 06 TIRE MOUNTING

TERMOB NO. 9-043

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

UNIT 07 STEERING

TERMOB NO. 9-044

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE
- () 1.02 REPLACEMENT PITMAN SHAFT
- () 1.03 REPLACEMENT TIE ROD ENDS
- () 1.04 REPLACEMENT GEAR BOX (STEERING)
- () 1.05 REPLACEMENT IDLER ARM
- () 1.06 WHEEL ALIGNMENT MACHINE
- () 1.07 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.08 LIFT
- () 1.09 PITMAN ARM PULLER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 OVERHAUL STEERING SYSTEM EMPLOYING FOLLOWING OPERATION,
EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

- () 2.02 REPLACE PITMAN SHAFT
- () 2.03 REPLACE TIE ROD ENDS
- () 2.04 REPLACE GEAR BOX (STEERING)
- () 2.05 REPLACE IDLER ARM
- () 2.06 ALIGN FRONT END

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 STEERING SYSTEM OVERHAULED AND OPERATING PROPERLY TO
APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS
TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFOR-
MANCE OF EACH OPERATION AND EACH STEP OF
MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR
UNSATISFACTORY

- () 3.02 PITMAN SHAFT REPLACED
- () 3.03 TIE ROD ENDS REPLACED
- () 3.04 GEAR BOX (STEERING) REPLACED
- () 3.05 IDLER ARM REPLACED
- () 3.06 FRONT END ALIGNED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

USOE CODE NO(S) _____

UNIT 07 STEERING

TERMOB NO. 9-044

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM : AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

UNIT 08 LUBRICATION

TERMOB NO. 9-045

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE
- () 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.03 SERVICE MANUAL
- () 1.04 OIL
- () 1.05 OIL FILTER
- () 1.06 LUBE EQUIPMENT
- () 1.07 LIFT
- () 1.08 JACK

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 PERFORM ROUTINE LUBRICATION EMPLOYING FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE

- () 2.02 GREASE ALL LUBE FITTINGS
- () 2.03 CHANGE CRANKCASE OIL AND FILTER
- () 2.04 CHECK DIFFERENTIAL FLUID LEVEL
- () 2.05 CHECK TRANSMISSION FLUID LEVEL
- () 2.06 LUBE DOOR LATCHES AND HINGES
- () 2.07 LUBE HOOD AND DECK LATCHES AND HINGES
- () 2.08 LUBE IGNITION AND DOOR LOCKS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 VEHICLE IS LUBRICATED WITH APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

- () 3.02 ALL LUBE FITTINGS ARE GREASED
- () 3.03 OIL AND FILTER CHANGED
- () 3.04 FLUID LEVEL IN DIFFERENTIAL CHECKED
- () 3.05 FLUID LEVEL CHECKED
- () 3.06 LATCHES AND HINGES LUBED
- () 3.07 LATCHES AND HINGES LUBED
- () 3.08 LOCKS LUBED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

USOE CODE NO(S) _____

UNIT 08 LUBRICATION

TERMOB NO. 9-045

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICSDIVISION 08 BRAKESUNIT 01 DRUM BRAKESTERMOB NO. 9-046

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH MANUAL DRUM BRAKE SYSTEM
- () 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.03 SERVICE MANUAL
- () 1.04 BRAKE TOOLS
- () 1.05 REPLACEMENT BRAKE SHOES
- () 1.06 REPLACEMENT BRAKE SPRINGS
- () 1.07 REPLACEMENT WHEEL CYLINDERS
- () 1.08 REPLACEMENT MASTER CYLINDER
- () 1.09 WHEEL CYLINDERS REBUILD KIT
- () 1.10 MASTER CYLINDER REBUILD KIT
- () 1.11 REPLACEMENT BRAKE LINE
- () 1.12 BRAKE FLUID
- () 1.13 BRAKE DRUM LATHE
- () 1.14 BRAKE SHOE GRINDER
- () 1.15 BRAKE SHOE ADJUSTMENT GAUGE

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 OVERHAUL BRAKE SYSTEM EMPLOYING FOLLOWING OPERATIONS,
EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

- () 2.02 TURN DOWN BRAKE DRUMS
- () 2.03 REPLACE BRAKE SHOES
- () 2.04 REPLACE WORN OR BROKEN BRAKE SPRINGS
- () 2.05 REPLACE BROKEN, LEAKING OR DENTED BRAKE LINES
- () 2.06 REPLACE WHEEL CYLINDERS
- () 2.07 REBUILD WHEEL CYLINDERS
- () 2.08 REPLACE MASTER CYLINDER
- () 2.09 REBUILD MASTER CYLINDER
- () 2.10 INSTALL BRAKE DRUMS
- () 2.11 BLEED BRAKE SYSTEM
- () 2.12 BLEED BRAKE WARNING LIGHT
- () 2.13 ADJUST BRAKES

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 BRAKE SYSTEM WORKING PROPERLY TO APPROVAL OF BOARD OF
 EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN
 FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION
 AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED
 SATISFACTORY OR UNSATISFACTORY.

- () 1.01 ANY AUTOMOBILE WITH MANUAL DRUM BRAKE SYSTEM
- () 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.03 SERVICE MANUAL
- () 1.04 BRAKE TOOLS
- () 1.05 REPLACEMENT BRAKE SHOES
- () 1.06 REPLACEMENT BRAKE SPRINGS
- () 1.07 REPLACEMENT WHEEL CYLINDERS
- () 1.08 REPLACEMENT MASTER CYLINDER
- () 1.09 WHEEL CYLINDERS REBUILD KIT
- () 1.10 MASTER CYLINDER REBUILD KIT
- () 1.11 REPLACEMENT BRAKE LINE
- () 1.12 BRAKE FLUID
- () 1.13 BRAKE DRUM LATHE
- () 1.14 BRAKE SHOE GRINDER
- () 1.15 BRAKE SHOE ADJUSTMENT GAUGE

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 OVERHAUL BRAKE SYSTEM EMPLOYING FOLLOWING OPERATIONS,
EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

- () 2.02 TURN DOWN BRAKE DRUMS
- () 2.03 REPLACE BRAKE SHOES
- () 2.04 REPLACE WORN OR BROKEN BRAKE SPRINGS
- () 2.05 REPLACE BROKEN, LEAKING OR DENTED BRAKE LINES
- () 2.06 REPLACE WHEEL CYLINDERS
- () 2.07 REBUILD WHEEL CYLINDERS
- () 2.08 REPLACE MASTER CYLINDER
- () 2.09 REBUILD MASTER CYLINDER
- () 2.10 INSTALL BRAKE DRUMS
- () 2.11 BLEED BRAKE SYSTEM
- () 2.12 BLEED BRAKE WARNING LIGHT
- () 2.13 ADJUST BRAKES

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 BRAKE SYSTEM WORKING PROPERLY TO APPROVAL OF BOARD OF
EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN
FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION
AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED
SATISFACTORY OR UNSATISFACTORY.

- () 3.02 BRAKE DRUMS TURNED DOWN
- () 3.03 BRAKE SHOES REPLACED
- () 3.04 WORN BRAKE SPRINGS REPLACED
- () 3.05 DEFECTIVE BRAKE LINES REPLACED
- () 3.06 DEFECTIVE WHEEL CYLINDERS REPLACED
- () 3.07 WHEEL CYLINDERS REBUILT
- () 3.08 DEFECTIVE MASTER CYLINDER REPLACED
- () 3.09 MASTER CYLINDER REBUILT
- () 3.10 BRAKE DRUMS INSTALLED
- () 3.11 BRAKE SYSTEM BLED
- () 3.12 BRAKE WARNING LIGHT BLED
- () 3.13 BRAKES ADJUSTED

7/74

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 08 BRAKES

USOE CODE NO(S) _____

UNIT 01 DRUM BRAKES

TERMOB NO. 9-046

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 08 BRAKES

UNIT 02 DISC BRAKES

TERMOB NO. 9-047

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH DISC BRAKES
- () 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.03 SERVICE MANUAL
- () 1.04 REPLACEMENT BRAKE PADS
- () 1.05 LATHE
- () 1.06 BRAKE FLUID
- () 1.07 REPLACEMENT PROPORTIONING VALVE
- () 1.08 PISTON COMPRESSOR
- () 1.09 CALIPER OVERHAUL KIT

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 OVERHAUL BRAKE SYSTEM EMPLOYING FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

- () 2.02 REPLACE BRAKE PADS
- () 2.03 TURN DOWN ROTOR
- () 2.04 REPLACE PROPORTIONING VALVE
- () 2.05 REPLACE DEFECTIVE BRAKE LINES
- () 2.06 REBUILD MASTER CYLINDER
- () 2.07 REBUILD CALIPERS
- () 2.08 BLEED BRAKES
- () 2.09 BLEED BRAKE WARNING LIGHT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 BRAKE SYSTEM WORKING PROPERLY TO APPROVAL OF BOARD OF EXPERT-RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

- () 3.02 BRAKE PADS REPLACED
- () 3.03 ROTOR TURNED DOWN
- () 3.04 PROPORTIONING VALVES REPLACED
- () 3.05 DEFECTIVE BRAKE LINES REPLACED
- () 3.06 MASTER CYLINDER REBUILT
- () 3.07 CALIPERS REBUILT
- () 3.08 BRAKES BLED
- () 3.09 BRAKE WARNING LIGHT BLED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 08 BRAKES

USOE CODE NO(S) _____

UNIT 02 DISC BRAKES

TERMOB NO. 9-047

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 08 BRAKES

UNIT 03 POWER ASSIST UNITS

TERMOB NO. 9-048

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH POWER ASSIST BRAKES
- () 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.03 REPLACEMENT POWER ASSIST UNIT
- () 1.04 BRAKE FLUID

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 REPLACE POWER ASSIST UNIT EMPLOYING FOLLOWING OPERATION, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

- () 2.02 REPLACE POWER ASSIST UNIT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 POWER ASSIST UNIT WORKING PROPERLY TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

- () 3.02 POWER ASSIST UNIT REPLACED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 08 BRAKES

USOE CODE NO(S) _____

UNIT 03 POWER ASSIST UNITS

TERMOB NO. 9-048

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 09 FUEL SYSTEM

UNIT 01 CARBURETOR

TERMOB NO. 9-049

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE
- () 1.02 ONE BARREL CARBURETOR
- () 1.03 TWO BARREL CARBURETOR
- () 1.04 FOUR BARREL CARBURETOR
- () 1.05 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.06 CLEANER
- () 1.07 TACHOMETER
- () 1.08 TEST EQUIPMENT
- () 1.09 NEW FLOAT ASSEMBLY
- () 1.10 NEW NEEDLE VALVE
- () 1.11 GASKETS AS NEEDED
- () 1.12 SERVICE MANUAL

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 SERVICE CARBURETOR EMPLOYING FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:
- () 2.02 REMOVE CARBURETOR FROM VEHICLE
- () 2.03 CLEAN CARBURETOR
- () 2.04 REPLACE FLOAT ASSEMBLY
- () 2.05 REPLACE NEEDLE VALVE
- () 2.06 REPLACE CARBURETOR
- () 2.07 ADJUST MIXTURE AND IDLE SPEED USING TEST EQUIPMENT
- () 2.08 ADJUST AUTOMATIC CHOKE

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 CARBURETOR SERVICED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND MEETS APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME, WITH EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.
- () 3.02 CARBURETOR REMOVED FROM VEHICLE
- () 3.03 CARBURETOR CLEANED
- () 3.04 FLOAT ASSEMBLY REPLACED
- () 3.05 NEEDLE VALVE REPLACED
- () 3.06 CARBURETOR REPLACED
- () 3.07 MIXTURE AND IDLE SPEED PROPERLY ADJUSTED
- () 3.08 AUTOMATIC CHOKE ADJUSTED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 09

FUEL SYSTEM

USOE CODE NO(S) _____

UNIT 01

CARBURETOR

TERMOB NO.

9-049

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 09 FUEL SYSTEM

UNIT 02 FUEL LINES

TERMOB NO. 9-050

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE
- () 1.02 SERVICE MANUAL
- () 1.03 FUEL LINES
- () 1.04 BASIC MECHANIC'S TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 REPAIR GAS LEAK IN FUEL LINES EMPLOYING ONE OF THE FOLLOWING OPERATIONS EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

- () 2.02 REPLACE WITH STEEL LINES
- () 2.03 REPLACE WITH FLEXIBLE LINES

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 ALL GAS LEAKS REPAIRED WITH APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME, WITH EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

- () 3.02 FUEL LINE REPLACED
- () 3.03 FUEL LINE REPLACED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 09 FUEL SYSTEM

USOE CODE NO(S) _____

UNIT 02 FUEL LINES

TERMOB NO. 9-050

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 09 FUEL SYSTEM

UNIT 03 FUEL PUMP

TERMOB NO. 9-051

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH MALFUNCTIONING FUEL PUMP
- () 1.02 SERVICE MANUAL
- () 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.04 NEW FUEL PUMP

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 REPLACE FUEL PUMP TO THE FOLLOWING PROCEDURE:

- () 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 FUEL PUMP REPLACED AND OPERATING IN COMPLIANCE WITH MANUFACTURER'S SPECIFICATIONS MEETING APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

- () 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 09 FUEL SYSTEM

USOE CODE NO(S) _____

UNIT 03 FUEL PUMP

TERMOB NO. 9-051

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 09 FUEL SYSTEM

UNIT 04 FUEL TANK

TERMOB NO. 9-052

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH LEAKING GAS TANK
- () 1.02 GAS TANK
- () 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.04 SERVICE MANUAL

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 REPAIR LEAKING GAS TANK EMPLOYING THE FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 GAS TANK REPAIRED AND NOT LEAKING WITH APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

- () 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 09 FUEL SYSTEM

USOE CODE NO(S) _____

UNIT 04 FUEL TANK

TERMOB NO. 9-052

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 09 FUEL SYSTEM

UNIT 05 FUEL GAUGE

TERMOB NO. 9-053

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH MALFUNCTIONING FUEL GAUGE
- () 1.02 FUEL GAUGE SENDING UNIT
- () 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.04 SERVICE MANUAL
- () 1.05 FUEL GAUGE DASH UNIT

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 REMEDY MALFUNCTIONING FUEL GAUGE EMPLOYING THE
FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S
SPECIFIED PROCEDURE:

- () 2.02 CHECK AND SECURE ALL FUEL GAUGE CONNECTIONS
- () 2.03 REPLACE FUEL GAUGE SENDING UNIT
- () 2.04 REPLACE FUEL GAUGE DASH UNIT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 FUEL GAUGE FUNCTIONING PROPERLY MEETING APPROVAL OF
BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT
RATE TIME WITH EACH OPERATION AND EACH STEP OF
MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR
UNSATISFACTORY.

- () 3.02 ALL FUEL GAUGE CONNECTIONS ARE SECURED
- () 3.03 FUEL GAUGE SENDING UNIT REPLACED
- () 3.04 FUEL GAUGE DASH UNIT REPLACED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 09 FUEL SYSTEM

USOE CODE NO(S) _____

UNIT 05 FUEL GAUGE

TERMOB NO. 9-053

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 09 FUEL SYSTEM

UNIT 06 FUEL FILTER

TERMOB NO. 9-054

1.00 CONDITION

- ☐ 1.01 ANY AUTOMOBILE
- ☐ 1.02 FUEL FILTER
- ☐ 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
- ☐ 1.04 SERVICE MANUAL

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

☐ 2.01 REPLACE FUEL FILTER TO THE FOLLOWING PROCEDURE:

☐ 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

☐ 3.01 FUEL FILTER REPLACED MEETING APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

☐ 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 09 FUEL SYSTEM

USOE CODE NO(S) _____

UNIT 06 FUEL FILTER

TERMOB NO. 9-054

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 09 FUEL SYSTEM

UNIT 07 AIR FILTERS

TERMOB NO. 9-055

1.00 CONDITION

- ☐ 1.01 ANY AUTOMOBILE
- ☐ 1.02 AIR CLEANER
- ☐ 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
- ☐ 1.04 SERVICE MANUAL

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

☐ 2.01 REPLACE AIR CLEANER TO THE FOLLOWING PROCEDURE:

☐ 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

☐ 3.01 AIR CLEANER REPLACED MEETING APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

☐ 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO.

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 09 FUEL SYSTEM

USOE CODE NO(S)

UNIT 07 AIR FILTERS

TERMOB NO. 9-055

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10 DIAGNOSES

UNIT 01 ENGINE

TERMOB NO. 9-056

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH ENGINE FAILING TO START
- () 1.02 STARTER MOTOR DOESN'T TURN
- () 1.03 STARTER TURNS, ENGINE DOESN'T
- () 1.04 STARTER TURNS, ENGINE VERY SLOWLY
- () 1.05 STARTER TURNS, ENGINE NORMALLY
- () 1.06 STARTER TURNS, ENGINE VERY QUICKLY
- () 1.07 ENGINE FIRES INTERMITTENTLY
- () 1.08 ENGINE FIRES CONSISTENTLY
- () 1.09 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.10 SERVICE MANUAL
- () 1.11 HYDROMETER
- () 1.12 DWELL METER
- () 1.13 COMPRESSION TESTER
- () 1.14 VOLTMETER
- () 1.15 OHMMETER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 DIAGNOSE CAUSE FOR ENGINE FAILING TO START TO THE FOLLOWING PROCEDURE:

- () 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 CAUSE FOR ENGINE FAILING TO START CORRECTLY DIAGNOSED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

- () 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10 DIAGNOSES

USOE CODE NO(S) _____

UNIT 01 ENGINE

TERMOB NO. 9-056

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

184

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10 DIAGNOSES

UNIT 01 ENGINE

TERMOB NO. 9-057

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH ENGINE RUNNING POORLY
- () 1.02 ENGINE STARTS HARD
- () 1.03 ENGINE IDLES ROUGH
- () 1.04 ENGINE STALLS
- () 1.05 ENGINE DIES AT HIGH SPEEDS
- () 1.06 ENGINE HESITATES (ON ACCELERATION FROM STANDING STOP)
- () 1.07 POOR PICKUP
- () 1.08 LACK OF POWER
- () 1.09 BACKFIRES THROUGH THE CARBURETOR
- () 1.10 BACKFIRES THROUGH THE EXHAUST
- () 1.11 BLUE EXHAUST GASES
- () 1.12 BLACK EXHAUST GASES
- () 1.13 ENGINE RUNS ON AFTER IGNITION IS TURNED OFF
- () 1.14 SUSCEPTIBLE TO MOISTURE
- () 1.15 ENGINE MISFIRES UNDER LOAD
- () 1.16 ENGINE MISFIRES AT SPEED
- () 1.17 ENGINE MISFIRES AT IDLE
- () 1.18 TACH-DWELL
- () 1.19 TIMING LIGHT
- () 1.20 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.21 VACUUM TESTER
- () 1.22 COMPRESSION TESTER
- () 1.23 OSCILLOSCOPE
- () 1.24 EXHAUST ANALYZER/COMBUSTION EFFICIENCY
- () 1.25 SERVICE MANUAL

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
() 2.01 DIAGNOSE CAUSE FOR POOR RUNNING ENGINE TO THE FOLLOWING PROCEDURE:

() 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
() 3.01 CAUSE FOR POOR RUNNING ENGINE CORRECTLY DIAGNOSED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

- () 1.01 ANY AUTOMOBILE WITH ENGINE RUNNING POORLY
- () 1.02 ENGINE STARTS HARD
- () 1.03 ENGINE IDLES ROUGH
- () 1.04 ENGINE STALLS
- () 1.05 ENGINE DIES AT HIGH SPEEDS
- () 1.06 ENGINE HESITATES (ON ACCELERATION FROM STANDING STOP)
- () 1.07 POOR PICKUP
- () 1.08 LACK OF POWER
- () 1.09 BACKFIRES THROUGH THE CARBURETOR
- () 1.10 BACKFIRES THROUGH THE EXHAUST
- () 1.11 BLUE EXHAUST GASES
- () 1.12 BLACK EXHAUST GASES
- () 1.13 ENGINE RUNS ON AFTER IGNITION IS TURNED OFF
- () 1.14 SUSCEPTIBLE TO MOISTURE
- () 1.15 ENGINE MISFIRES UNDER LOAD
- () 1.16 ENGINE MISFIRES AT SPEED
- () 1.17 ENGINE MISFIRES AT IDLE
- () 1.18 TACH-DWELL
- () 1.19 TIMING LIGHT
- () 1.20 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.21 VACUUM TESTER
- () 1.22 COMPRESSION TESTER
- () 1.23 OSCILLOSCOPE
- () 1.24 EXHAUST ANALYZER/COMBUSTION EFFICIENCY
- () 1.25 SERVICE MANUAL

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 DIAGNOSE CAUSE FOR POOR RUNNING ENGINE TO THE FOLLOWING PROCEDURE:

- () 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 CAUSE FOR POOR RUNNING ENGINE CORRECTLY DIAGNOSED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

- () 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION. 10 DIAGNOSES

USOE CODE NO(S) _____

UNIT . 01 ENGINE

TERMOB NO. 9-057

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10 DIAGNOSES

UNIT 01 ENGINE

TERMOB NO. 9-058

1.00 CONDITION

- ☐ 1.01 ANY AUTOMOBILE WITH NOISY ENGINE
- ☐ 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
- ☐ 1.03 SERVICE MANUAL
- ☐ 1.04 COMPRESSION TESTER
- ☐ 1.05 VACUUM TESTER
- ☐ 1.06 OSCILLOSCOPE
- ☐ 1.07 COMBUSTION EFFICIENCY GAUGE
- ☐ 1.08 TIMING LIGHT
- ☐ 1.09 TACH-DWELL METER
- ☐ 1.10 METALLIC GRIND WHILE STARTING
- ☐ 1.11 CONSTANT GRIND OR RUMBLE
- ☐ 1.12 CONSTANT ENGINE KNOCK
- ☐ 1.13 ENGINE KNOCKS UNDER LOAD
- ☐ 1.14 ENGINE DOUBLE KNOCKS
- ☐ 1.15 METALLIC TAP
- ☐ 1.16 SCRAPING NOISE
- ☐ 1.17 CONSTANT TICK
- ☐ 1.18 ENGINE SQUEAKS
- ☐ 1.19 HISS OR ROAR NOISE
- ☐ 1.20 WHISTLE NOISE
- ☐ 1.21 WHEEZE NOISE

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- ☐ 2.01 DIAGNOSE ENGINE NOISE TO THE FOLLOWING PROCEDURE:
- ☐ 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- ☐ 3.01 ENGINE NOISE CORRECTLY DIAGNOSED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.
- ☐ 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10 DIAGNOSES

USOE CODE NO(S) _____

UNIT 01 ENGINE

TERMOB NO. 9-058

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10 DIAGNOSES

UNIT 02 MANUAL TRANSMISSION

TERMOB NO. 9-059

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH MALFUNCTIONING MANUAL TRANSMISSION
- () 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.03 SERVICE MANUAL
- () 1.04 JUMPING OUT OF HIGH GEAR
- () 1.05 STICKING IN HIGH GEAR
- () 1.06 JUMPING OUT OF SECOND GEAR
- () 1.07 STICKING IN SECOND GEAR
- () 1.08 JUMPING OUT OF LOW GEAR
- () 1.09 STICKING IN LOW GEAR
- () 1.10 JUMPING OUT OF REVERSE GEAR
- () 1.11 STICKING IN REVERSE GEAR
- () 1.12 FAILURE OF GEARS TO SYNCHRONIZE
- () 1.13 GEARS SPINNING WHEN SHIFTING INTO GEAR FROM NEUTRAL

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
() 2.01 DIAGNOSE MALFUNCTIONING MANUAL TRANSMISSION TO THE
FOLLOWING PROCEDURE:

- () 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
() 3.01 MALFUNCTIONING MANUAL TRANSMISSION CORRECTLY DIAGNOSED
TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE
COMPLETED WITHIN FLAT RATE TIME WITH EACH STEP OF
MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR
UNSATISFACTORY.

- () 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10 DIAGNOSES

USOE CODE NO(S) _____

UNIT 02 MANUAL TRANSMISSION

TERMOB NO. 9-059

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

191

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10 DIAGNOSES

UNIT 03 AUTOMATIC

TRANSMISSION

TERMOB NO. 9-060

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH MALFUNCTIONING AUTOMATIC TRANSMISSION
- () 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.03 SERVICE MANUAL
- () 1.04 NO DRIVE IN ANY SELECTOR POSITION
- () 1.05 ERRATIC OPERATION AND SLIPPAGE - LIGHT ACCELERATION
- () 1.06 SLIPPAGE OR FLARE COASTING TO STOP OR CORNERING
- () 1.07 SLUGGISH STANDING START
- () 1.08 NO REVERSE
- () 1.09 SLIPS IN ANY RANGE
- () 1.10 HARSH NEUTRAL TO DOWNSHIFT AT IDLE
- () 1.11 NO UPSHIFT
- () 1.12 LONG SHIFT TIME - NOT POSITIVE ENGAGEMENT
- () 1.13 ENGINE FLARES ON UPSHIFT
- () 1.14 LATE UPSHIFT
- () 1.15 ERRATIC UP OR DOWN SHIFTS
- () 1.16 NO WIDE OPEN THROTTLE DOWNSHIFT
- () 1.17 ENGINE FLARES ON WIDE OPEN THROTTLE DOWNSHIFT
- () 1.18 DELAYED ENGAGEMENT IN MANUAL LOW
- () 1.19 NO STATOR ACTION
- () 1.20 OIL SURGES OUT BREATHER
- () 1.21 TRANSMISSION OVERHEATS
- () 1.22 DRAGS OR LOCKS
- () 1.23 PRESSURE GAUGES
- () 1.24 HAND VACUUM PUMP

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 DIAGNOSE MALFUNCTIONING AUTOMATIC TRANSMISSION TO THE FOLLOWING PROCEDURE:

- () 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 MALFUNCTIONING AUTOMATIC TRANSMISSION CORRECTLY DIAGNOSED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

- () 1.01 ANY AUTOMOBILE WITH MALFUNCTIONING AUTOMATIC TRANSMISSION
- () 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.03 SERVICE MANUAL
- () 1.04 NO DRIVE IN ANY SELECTOR POSITION
- () 1.05 ERRATIC OPERATION AND SLIPPAGE - LIGHT ACCELERATION
- () 1.06 SLIPPAGE OR FLARE COASTING TO STOP OR CORNERING
- () 1.07 SLUGGISH STANDING START
- () 1.08 NO REVERSE
- () 1.09 SLIPS IN ANY RANGE
- () 1.10 HARSH NEUTRAL TO DOWNSHIFT AT IDLE
- () 1.11 NO UPSHIFT
- () 1.12 LONG SHIFT TIME - NOT POSITIVE ENGAGEMENT
- () 1.13 ENGINE FLARES ON UPSHIFT
- () 1.14 LATE UPSHIFT
- () 1.15 ERRATIC UP OR DOWN SHIFTS
- () 1.16 NO WIDE OPEN THROTTLE DOWNSHIFT
- () 1.17 ENGINE FLARES ON WIDE OPEN THROTTLE DOWNSHIFT
- () 1.18 DELAYED ENGAGEMENT IN MANUAL LOW
- () 1.19 NO STATOR ACTION
- () 1.20 OIL SURGES OUT BREATHER
- () 1.21 TRANSMISSION OVERHEATS
- () 1.22 DRAGS OR LOCKS
- () 1.23 PRESSURE GAUGES
- () 1.24 HAND VACUUM PUMP

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 DIAGNOSE MALFUNCTIONING AUTOMATIC TRANSMISSION TO THE FOLLOWING PROCEDURE:

- () 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 MALFUNCTIONING AUTOMATIC TRANSMISSION CORRECTLY DIAGNOSED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

- () 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO.. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10

DIAGNOSES

USOE CODE NO(S) _____

UNIT 03

AUTOMATIC

TRANSMISSION

TERMOB NO.

9-060

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10 DIAGNOSES

UNIT 04 DRIVE AXLES AND
DIFFERENTIAL

TERMOB NO. 9-061

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH MALFUNCTIONING DRIVE AXLES AND DIFFERENTIAL
- () 1.02 SERVICE MANUAL
- () 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.04 NOISES
- () 1.05 OVERHEATING OF UNIT
- () 1.06 LOSS OF LUBRICANT
- () 1.07 EXCESSIVE BACKLASH
- () 1.08 LIMITED SLIP DIFFERENTIAL - ONLY ONE WHEEL SPINS
- () 1.09 LIMITED SLIP DIFFERENTIAL - CHATTER ON TURNS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 DIAGNOSE MALFUNCTIONING DRIVE AXLES AND DIFFERENTIAL TO THE FOLLOWING PROCEDURE:
- () 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 DRIVE AXLE AND DIFFERENTIAL CORRECTLY DIAGNOSED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.
- () 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10 DIAGNOSES

USOE CODE NO(S) _____

UNIT 04 DRIVE AXLES AND

DIFFERENTIAL

TERMOB NO. 9-061

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

8

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10 DIAGNOSES

UNIT 05 BRAKES

TERMOB NO. 9-062

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH MALFUNCTIONING BRAKES
- () 1.02 SERVICE MANUAL
- () 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.04 LOW BRAKE PEDAL
- () 1.05 SPRINGY BRAKE PEDAL
- () 1.06 HARD BRAKE PEDAL
- () 1.07 FADING BRAKE PEDAL
- () 1.08 GRABBING OR PULLING
- () 1.09 NOISES
- () 1.10 CHATTER OR SHUDDER
- () 1.11 DRAGGING BRAKES

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 DIAGNOSE MALFUNCTIONING BRAKES TO THE FOLLOWING
PROCEDURE:

- () 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 CAUSE FOR MALFUNCTIONING BRAKES CORRECTLY DIAGNOSED
TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE
COMPLETED WITHIN FLAT RATE TIME WITH EACH STEP OF
MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR
UNSATISFACTORY.

- () 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10 DIAGNOSES

USOE CODE NO(S) _____

UNIT 05 BRAKES

TERMOB NO. 9-062

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10 DIAGNOSES

UNIT 06 FRONT SUSPENSION

TERMOB NO. 9-063

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH MALFUNCTIONING FRONT
- () 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.03 SERVICE MANUAL
- () 1.04 HARD RIDE
- () 1.05 SOFT RIDE
- () 1.06 CAR VEERS TO ONE SIDE
- () 1.07 CAR WANDERS
- () 1.08 HARD OR ERRATIC STEERING
- () 1.09 TIRES WEAR IN CENTER
- () 1.10 TIRES WEAR ON BOTH EDGES
- () 1.11 TIRES WEAR UNEVENLY ON ONE EDGE
- () 1.12 TIRES WEAR EVENLY ON ONE EDGE
- () 1.13 TIRES WEAR UNEQUALLY
- () 1.14 SQUEAL ON CORNERING

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 DIAGNOSE MALFUNCTION IN FRONT SUSPENSION TO THE FOLLOWING PROCEDURE:

- () 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 CAUSE FOR MALFUNCTION IN FRONT SUSPENSION CORRECTLY DIAGNOSED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

- () 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION. 10 DIAGNOSES

USOE CODE NO(S) _____

UNIT 06 FRONT SUSPENSION

TERMOB NO. 9-063

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10 DIAGNOSES

UNIT 07 MANUAL STEERING

TERMOB NO. 9-064

1.00 CONDITION

- () 1.01 ANY AUTOMOBILE WITH MALFUNCTION IN MANUAL STEERING
- () 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
- () 1.03 SERVICE MANUAL
- () 1.04 HARD STEERING
- () 1.05 EXCESSIVE PLAY OR LOOSENESS IN STEERING WHEEL

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- () 2.01 DIAGNOSE MALFUNCTION IN MANUAL STEERING TO THE FOLLOWING PROCEDURE:

- () 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- () 3.01 CAUSE FOR MALFUNCTION IN MANUAL STEERING CORRECTLY DIAGNOSED TO THE APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

- () 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10 DIAGNOSES

USOE CODE NO(S) _____

UNIT 07 MANUAL STEERING

TERMOB NO. 9-064

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10 DIAGNOSES

UNIT 08 POWER STEERING

TERMOB NO. 9-065

1.00 CONDITION

- ☐ 1.01 ANY AUTOMOBILE WITH MALFUNCTION IN POWER STEERING
- ☐ 1.02 SERVICE MANUAL
- ☐ 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
- ☐ 1.04 HARD STEERING
- ☐ 1.05 LOOSE STEERING
- ☐ 1.06 VEER OR WANDER
- ☐ 1.07 WHEEL OSCILLATION
- ☐ 1.08 NOISES
- ☐ 1.09 PRESSURE GAUGE

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

- ☐ 2.01 DIAGNOSE MALFUNCTIONING POWER STEERING TO THE FOLLOWING PROCEDURE:

- ☐ 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

- ☐ 3.01 MALFUNCTIONING POWER STEERING CORRECTLY DIAGNOSED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

- ☐ 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10

DIAGNOSES

USOE CODE NO(S) _____

UNIT 08

POWER STEERING

TERMOB NO. _____

9-065

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

TABLE T-3

BASIC MECHANIC'S TOOLS

WRENCHES, OPEN
WRENCHES, BOX END
WRENCHES, ADJUSTABLE
SOCKET SET INCLUDING STANDARD SOCKETS,
DEEP SOCKETS, RATCHETS, EXTENSIONS,
ADAPTORS
PLIERS, SLIP JOINT
PLIERS, NEEDLE NOSED
WIRE CUTTER
WIRE STRIPPER
HACK SAW
HAMMER
SCREW DRIVERS, STANDARD
SCREW DRIVERS, PHILLIPS
SCREW DRIVERS, INSULATED
SCREW DRIVERS, CLUTCH HEAD
HEX-DRIVE UNIT WITH SOCKETS
ALLEN WRENCHES
FEELER GAUGES
IGNITION WRENCHES
FILE, FLAT
FILE, ROUND
FILE, TRIANGULAR
CENTER PUNCH
CHISELS
TORQUE WRENCH
KNIFE
DRIFT PUNCHES (STEEL & BRASS)
SAFETY GLASSES

TABLE T-3A

AIR CONDITIONING TOOLS

SET OF OPEN END WRENCHES (3/8" TO 1")
RATCHET DRIVE SOCKET SET, 1/4" DRIVE
(3/8" TO 3/4")
SLIP JOINT PLIERS
CUTTING PLIERS
HAMMER, 3 OZ.
SET OF SCREWDRIVERS
LEAK DETECTORS
 FLAME TEST TYPE
 ELECTRONIC TYPE
 INTERNAL CHARGE TYPE
MANIFOLD GAUGE SET
CANS OF REFRIGERANT
VACUUM PUMP
UNIVERSAL HANDLE
PULLEY BEARING INSTALLER
SNAP RING PLIERS
SEAL SEAT REMOVER
SEAL REMOVER AND INSTALLER

Table T-4 (Cont'd) Additional TERMOB Performance Statements

This form is provided for the addition of TERMOB performance statements to ensure more complete coverage of your program. Please provide a comprehensive performance statement (coded 2.01 on each TERMOB) for each area of deficiency that you have identified.

The performance statement need only be listed identified by the division and unit numbers of the deficient areas; the conditions and extents will be incorporated later.

| | | |
|-----|------------------------------|--|
| 8. | Division _____ Unit _____ | Performance Statement _____ _____ _____ _____ |
| 9. | Division _____ Unit _____ | Performance Statement _____ _____ _____ _____ |
| 10. | Division _____ Unit _____ | Performance Statement _____ _____ _____ _____ |
| 11. | Division _____ Unit _____ | Performance Statement _____ _____ _____ _____ |
| 12. | Division _____ Unit _____ | Performance Statement _____ _____ _____ _____ |
| 13. | Division _____ Unit _____ | Performance Statement _____ _____ _____ _____ |

the division and unit numbers of the deficient areas; the conditions and extents will be incorporated later.

| | | |
|-----|----------------|-----------------------------|
| 8. | Division _____ | Performance Statement _____ |
| | Unit _____ | _____ |
| | | _____ |
| | | _____ |
| 9. | Division _____ | Performance Statement _____ |
| | Unit _____ | _____ |
| | | _____ |
| | | _____ |
| 10. | Division _____ | Performance Statement _____ |
| | Unit _____ | _____ |
| | | _____ |
| | | _____ |
| 11. | Division _____ | Performance Statement _____ |
| | Unit _____ | _____ |
| | | _____ |
| | | _____ |
| 12. | Division _____ | Performance Statement _____ |
| | Unit _____ | _____ |
| | | _____ |
| | | _____ |
| 13. | Division _____ | Performance Statement _____ |
| | Unit _____ | _____ |
| | | _____ |
| | | _____ |
| 14. | Division _____ | Performance Statement _____ |
| | Unit _____ | _____ |
| | | _____ |
| | | _____ |

Table T-4 Additional TERMOB Performance Statements

This form is provided for the addition of TERMOB performance statements to ensure more complete coverage of your program. Please provide a comprehensive performance statement (coded 2.01 on each TERMOB) for each area of deficiency that you have identified.

The performance statement need only be listed identified by the division and unit numbers of the deficient areas; the conditions and extents will be incorporated later.

| | |
|-------------------|-----------------------------|
| 1. Division _____ | Performance Statement _____ |
| Unit _____ | _____ |
| | _____ |
| | _____ |
| 2. Division _____ | Performance Statement _____ |
| Unit _____ | _____ |
| | _____ |
| | _____ |
| 3. Division _____ | Performance Statement _____ |
| Unit _____ | _____ |
| | _____ |
| | _____ |
| 4. Division _____ | Performance Statement _____ |
| Unit _____ | _____ |
| | _____ |
| | _____ |
| 5. Division _____ | Performance Statement _____ |
| Unit _____ | _____ |
| | _____ |
| | _____ |
| 6. Division _____ | Performance Statement _____ |
| Unit _____ | _____ |
| | _____ |
| | _____ |

the division and unit numbers of the deficient areas; the conditions and extents will be incorporated later.

| | |
|---------------------------------|--|
| 1. Division _____ Unit _____ | Performance Statement _____ _____ _____ _____ |
| 2. Division _____ Unit _____ | Performance Statement _____ _____ _____ _____ |
| 3. Division _____ Unit _____ | Performance Statement _____ _____ _____ _____ |
| 4. Division _____ Unit _____ | Performance Statement _____ _____ _____ _____ |
| 5. Division _____ Unit _____ | Performance Statement _____ _____ _____ _____ |
| 6. Division _____ Unit _____ | Performance Statement _____ _____ _____ _____ |
| 7. Division _____ Unit _____ | Performance Statement _____ _____ _____ _____ |

INDEX OF TERMOB STATEMENTS

PROGRAM:

AUTOMOTIVE MECHANICS

| <u>TERMOB NO.</u> | | <u>PAGE</u> |
|-------------------|---|-------------|
| 9-001 | REPLACE WATER PUMP | T-8 |
| 9-002 | PERFORM ROUTINE MAINTENANCE ON COOLING SYSTEM | T-10 |
| 9-003 | PERFORM VALVE JOB | T-12 |
| 9-004 | REPLACE MAIN CRANKSHAFT BEARINGS | T-16 |
| 9-005 | OVERHAUL CYLINDERS | T-18 |
| 9-006 | REPLACE TIMING CHAIN | T-22 |
| 9-007 | REMEDY POOR ENGINE LUBRICATION | T-24 |
| 9-008 | ADJUST SHIFT LINKAGE | T-26 |
| 9-009 | REPLACE ALL SYNCHRONIZER ASSEMBLIES | t-28 |
| 9-010 | REPLACE CLUTCH ASSEMBLY | T-30 |
| 9-011 | REPLACE CLUTCH BEARINGS | T-32 |
| 9-012 | REPLACE FRONT AND REAR TRANSMISSION SEALS | T-34 |
| 9-013 | PERFORM ROUTINE MAINTENANCE ON AUTOMATIC TRANSMISSION | T-36 |
| 9-014 | REPLACE TRANSMISSION SEALS | T-38 |
| 9-015 | ADJUST AUTOMATIC TRANSMISSION LINKAGE | T-42 |
| 9-016 | VISUALLY INSPECT AIR CONDITIONING SYSTEM FOR CAUSES OF POSSIBLE MALFUNCTION | T-44 |
| 9-017 | OPERATIONALLY TEST AIR CONDITIONING SYSTEM FOR CAUSES OF POSSIBLE MALFUNCTION | T-46 |
| 9-018 | TEST AIR CONDITIONING SYSTEM FOR LEAKS | T-48 |
| 9-019 | DISCHARGE AIR CONDITIONING SYSTEM | T-50 |
| 9-020 | REPAIR LEAKS IN AIR CONDITIONING SYSTEM | T-52 |
| 9-021 | EVACUATE AIR CONDITIONING SYSTEM | T-54 |
| 9-022 | RECHARGE AIR CONDITIONING SYSTEM | T-56 |
| 9-023 | REPLACE UNIVERSAL JOINTS | T-58 |
| 9-024 | REPLACE REAR AXLES | T-60 |
| 9-025 | REPLACE REAR AXLE SEALS | T-62 |
| 9-026 | SERVICE EXHAUST EMISSION SYSTEM | T-64 |

| | | |
|-------|---|------|
| 9-004 | REPLACE MAIN CRANKSHAFT BEARINGS | T-16 |
| 9-005 | OVERHAUL CYLINDERS | T-18 |
| 9-006 | REPLACE TIMING CHAIN | T-22 |
| 9-007 | REMEDY POOR ENGINE LUBRICATION | T-24 |
| 9-008 | ADJUST SHIFT LINKAGE | T-26 |
| 9-009 | REPLACE ALL SYNCHRONIZER ASSEMBLIES | t-28 |
| 9-010 | REPLACE CLUTCH ASSEMBLY | T-30 |
| 9-011 | REPLACE CLUTCH BEARINGS | T-32 |
| 9-012 | REPLACE FRONT AND REAR TRANSMISSION SEALS | T-34 |
| 9-013 | PERFORM ROUTINE MAINTENANCE ON AUTOMATIC TRANSMISSION | T-36 |
| 9-014 | REPLACE TRANSMISSION SEALS | T-38 |
| 9-015 | ADJUST AUTOMATIC TRANSMISSION LINKAGE | T-42 |
| 9-016 | VISUALLY INSPECT AIR CONDITIONING SYSTEM FOR CAUSES OF POSSIBLE MALFUNCTION | T-44 |
| 9-017 | OPERATIONALLY TEST AIR CONDITIONING SYSTEM FOR CAUSES OF POSSIBLE MALFUNCTION | T-46 |
| 9-018 | TEST AIR CONDITIONING SYSTEM FOR LEAKS | T-48 |
| 9-019 | DISCHARGE AIR CONDITIONING SYSTEM | T-50 |
| 9-020 | REPAIR LEAKS IN AIR CONDITIONING SYSTEM | T-52 |
| 9-021 | EVACUATE AIR CONDITIONING SYSTEM | T-54 |
| 9-022 | RECHARGE AIR CONDITIONING SYSTEM | T-56 |
| 9-023 | REPLACE UNIVERSAL JOINTS | T-58 |
| 9-024 | REPLACE REAR AXLES | T-60 |
| 9-025 | REPLACE REAR AXLE SEALS | T-62 |
| 9-026 | SERVICE EXHAUST EMISSION SYSTEM | T-64 |
| 9-027 | REPLACE P.C.V. VALVE | T-66 |
| 9-028 | REPAIR EXHAUST LEAKS (MUFFLERS) | T-68 |
| 9-066 | REPAIR EXHAUST LEAKS (MANIFOLD) | T-70 |
| 9-029 | TEST THE STARTER | T-72 |
| 9-030 | REPAIR STARTER | T-74 |
| 9-031 | CHECK CHARGING SYSTEM | T-76 |

INDEX OF TERMOB STATEMENTS (CONT'D)

PROGRAM:

AUTOMOTIVE MECHANICS

| <u>TERMOB NO.</u> | | <u>PAGE</u> |
|-------------------|---|-------------|
| 9-032 | REMEDY MALFUNCTIONING CHARGING SYSTEM | T-78 |
| 9-033 | REMEDY MALFUNCTIONING LIGHTING SYSTEM | T-80 |
| 9-034 | REMEDY MALFUNCTIONING ELECTRICAL ACCESSORIES | T-82 |
| 9-035 | PERFORM IGNITION SYSTEM TUNE UP | T-86 |
| 9-036 | REPLACE ALL SHOCK ABSORBERS | T-90 |
| 9-037 | OVERHAUL FRONT END | T-92 |
| 9-038 | REPACK WHEEL BEARINGS | T-94 |
| 9-039 | REPLACE SPRINGS | T-96 |
| 9-040 | BALANCE WHEELS USING DYNAMIC WHEEL BALANCING MACHINE | T-98 |
| 9-041 | BALANCE WHEELS USING STATIC WHEEL BALANCING MACHINE | T-100 |
| 9-042 | REPAIR FLAT TUBELESS TIRE | T-102 |
| 9-043 | REPAIR FLAT TIRE WITH TUBE | T-104 |
| 9-044 | OVERHAUL STEERING SYSTEM | T-106 |
| 9-045 | PERFORM ROUTINE LUBRICATION | T-108 |
| 9-046 | OVERHAUL BRAKE SYSTEM (DRUM) | T-110 |
| 9-047 | OVERHAUL BRAKE SYSTEM (DISC) | T-112 |
| 9-048 | REPLACE POWER ASSIST UNIT | T-114 |
| 9-049 | SERVICE CARBURETOR | T-116 |
| 9-050 | REPAIR GAS LEAK IN FUEL LINES | T-118 |
| 9-051 | REPLACE FUEL PUMP | T-120 |
| 9-052 | REPAIR LEAKING GAS TANK | T-122 |
| 9-053 | REMEDY MALFUNCTIONING FUEL GAUGE | T-124 |
| 9-054 | REPLACE FUEL FILTER | T-126 |
| 9-055 | REPLACE AIR CLEANER | T-128 |
| 9-056 | DIAGNOSE CAUSE FOR ENGINE FAILING TO START | T-130 |
| 9-057 | DIAGNOSE CAUSE FOR POOR RUNNING ENGINE | T-132 |
| 9-058 | DIAGNOSE ENGINE NOISE | T-134 |

| | | |
|-------|---|-------|
| 9-035 | PERFORM IGNITION SYSTEM TUNE UP | T-86 |
| 9-036 | REPLACE ALL SHOCK ABSORBERS | T-90 |
| 9-037 | OVERHAUL FRONT END | T-92 |
| 9-038 | REPACK WHEEL BEARINGS | T-94 |
| 9-039 | REPLACE SPRINGS | T-96 |
| 9-040 | BALANCE WHEELS USING DYNAMIC WHEEL BALANCING MACHINE | T-98 |
| 9-041 | BALANCE WHEELS USING STATIC WHEEL BALANCING MACHINE | T-100 |
| 9-042 | REPAIR FLAT TUBELESS TIRE | T-102 |
| 9-043 | REPAIR FLAT TIRE WITH TUBE | T-104 |
| 9-044 | OVERHAUL STEERING SYSTEM | T-106 |
| 9-045 | PERFORM ROUTINE LUBRICATION | T-108 |
| 9-046 | OVERHAUL BRAKE SYSTEM (DRUM) | T-110 |
| 9-047 | OVERHAUL BRAKE SYSTEM (DISC) | T-112 |
| 9-048 | REPLACE POWER ASSIST UNIT | T-114 |
| 9-049 | SERVICE CARBURETOR | T-116 |
| 9-050 | REPAIR GAS LEAK IN FUEL LINES | T-118 |
| 9-051 | REPLACE FUEL PUMP | T-120 |
| 9-052 | REPAIR LEAKING GAS TANK | T-122 |
| 9-053 | REMEDY MALFUNCTIONING FUEL GAUGE | T-124 |
| 9-054 | REPLACE FUEL FILTER | T-126 |
| 9-055 | REPLACE AIR CLEANER | T-128 |
| 9-056 | DIAGNOSE CAUSE FOR ENGINE FAILING TO START | T-130 |
| 9-057 | DIAGNOSE CAUSE FOR POOR RUNNING ENGINE | T-132 |
| 9-058 | DIAGNOSE ENGINE NOISE | T-134 |
| 9-059 | DIAGNOSE MALFUNCTIONING MANUAL TRANSMISSION | T-136 |
| 9-060 | DIAGNOSE MALFUNCTIONING AUTOMATIC TRANSMISSION | T-138 |
| 9-061 | DIAGNOSE MALFUNCTIONING DRIVE AXLES AND DIFFERENTIAL | T-140 |
| 9-062 | DIAGNOSE MALFUNCTIONING BRAKES | T-142 |
| 9-063 | DIAGNOSE MALFUNCTION IN FRONT SUSPENSION | T-144 |

INDEX OF TERMOB STATEMENTS (CONT'D)

PROGRAM:

AUTOMOTIVE MECHANICS

TERMOB NO.

PAGE

9-064

DIAGNOSE MALFUNCTION IN MANUAL STEERING

T-146

9-065

DIAGNOSE MALFUNCTIONING POWER STEERING

T-148