

MAINTENANCE *Manual*

5 TON • 6 X 4



Built for

UNITED STATES ARMY

GMC TRUCK MODEL CCW-353

CONTRACT NUMBERS

DA-W-398-QM-62

DA-W-398-QM-78

CHASSIS SERIAL NUMBERS

CCW353-2003 To CCW353-4002

CCW353-4003 To CCW353-6102

General Motors Truck

TM 10-1223

FORM X-4132

TM 10-1223

WAR DEPARTMENT

Washington, October 7, 1941

TM 10-1223, Maintenance Manual, Truck, 5 Ton, 6 x 4 GMC (Model CCW-353) published by the Yellow Truck & Coach Manufacturing Company, is furnished for the information and guidance of all concerned.

[AG 062.11 (4-26-41) PC (C), June 10, 1941.]

By order of the Secretary of War:

G. C. MARSHALL,
Chief of Staff

Official:
E. S. ADAMS,
Major General,
The Adjutant General

Maintenance Manual

GMC 5-TON 6 x 4
MODELS CCW-353



**ADDITIONAL DATA IDENTIFYING THESE
TRUCKS IS GIVEN ON PAGES 4 AND 5**

TM 10-1223

FORM X-4132

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GENERAL MOTORS TRUCK & COACH

**DIVISION OF
YELLOW TRUCK & COACH MANUFACTURING COMPANY
PONTIAC, MICHIGAN**

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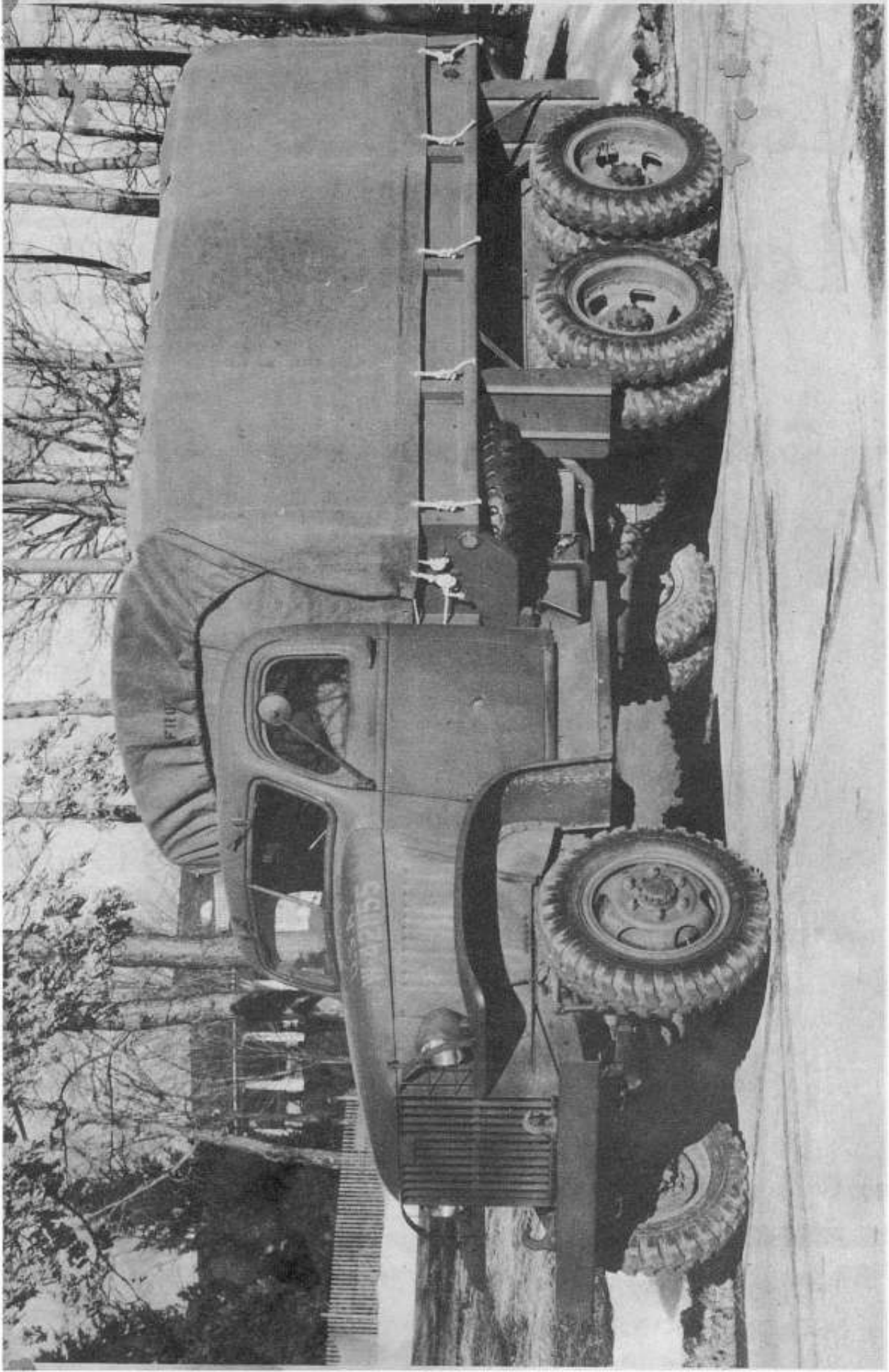
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GMC 5-TON 6 x 4 TRUCK

Keep Them Rolling

This maintenance manual has been especially prepared to cover the GMC 5 ton 6 x 4 trucks applying on contracts shown on front cover and is published for the information and guidance of all concerned.

If the utmost in performance and reliability are to be expected, good driving practices should always be observed and each truck periodically inspected in order to make necessary adjustments and perform needed service at the right place at the right time.

All information essential to the proper maintenance and repair of these trucks is contained in this manual. All who are charged with the responsibility of performing such service or with driving the vehicles should study this book thoroughly and refer to it frequently.

Knowledge, thus gained and applied, will help to "keep them rolling".

VEHICLE IDENTIFICATION

6 X 4

THIS CHART GIVES COMPLETE IDENTIFICATION OF GMC TRUCKS ORDERED ON

GOVERNMENT CONTRACT NUMBERS SHOWN BELOW

THESE VEHICLES COVERED IN GMC MAINTENANCE MANUAL FORM X-4132(TM 10-1223)

GMC TC NUMBER	NUMBER OF VEHICLES	GOVERNMENT CONTRACT NUMBER	GMC MODEL AND CHASSIS SERIAL NUMBER	CHASSIS WHEEL- BASE	TYPE OF LUBRICANT	
					BODY	WINCH
200159	2,000	DA-W-398-QM-62	CCW-353 SERIAL NOS. 2003 TO 4002 INCLUSIVE	164"	CARGO	NONE
200195	2,100	DA-W-398-QM-78	CCW-353 SERIAL NOS. 4003 TO 6102 INCLUSIVE	164"	CARGO	NONE

GMC MAINTENANCE MANUAL*Group Index*

FOLLOWING INDEX LISTS VARIOUS SECTION NUMBERS WHICH
DESCRIBE UNITS USED ON THESE VEHICLES.

<u>Section Name</u> <u>In Order Shown</u>	<u>Section Number</u>
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CAB-----	3.3201
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CLUTCH-----	5.9101
COOLING SYSTEM-----	6.8801A
WIRING-----	7W.1001
STARTING MOTOR AND BATTERY-----	7S.0551
DISTRIBUTOR, COIL AND SPARK PLUGS-----	7D.0701
GENERATOR AND CONTROL-----	7G.0451A
LIGHTING EQUIPMENT -----	7L.0751
MISCELLANEOUS ELECTRICAL-----	7M.0351
ENGINE-----	8.9201A
FRAME-----	11.6301
FUEL SYSTEM-----	12.10701
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SPRINGS-----	15.7601
STEERING GEAR-----	16.9201
TRANSMISSION-----	17.14101
TRANSFER CASE-----	17.14201
PROPELLER SHAFTS-----	3.9201
WHEELS, HUBS, AND BEARING-----	19.10401

GMC MAINTENANCE MANUAL

General Data

Engine

Type-----	270
Horsepower - S.A.E.-----	34.35
Displacement - Cu. In.-----	269.52
Bore-----	3-25/32"
Stroke-----	4"
Cylinders-----	6
Engine Governed Speed (R.P.M.)-----	2750

Capacities

Fuel Tank - (Gals.)-----	40
Engine Crankcase - Refill (Qts.)-----	10
Cooling System (Qts.)-----	19
Transmission (Pts. or Lbs.)-----	13
Oil Bath Air Cleaner (Qts.)-----	1
Transfer Case (Pts. or Lbs.)-----	4
Rear Axle Differential (Pts. or Lbs.)-----	17

Serial Number and Model Number Locations

Specify Chassis Serial Number and Engine Serial Number in all references to vehicles covered by this publication. Specify Model or Serial Number of units of vehicle whenever service on these items is required.



GENERATOR—Model number on plate at pulley end of generator.



GOVERNOR—Model number stamped on governor name plate.



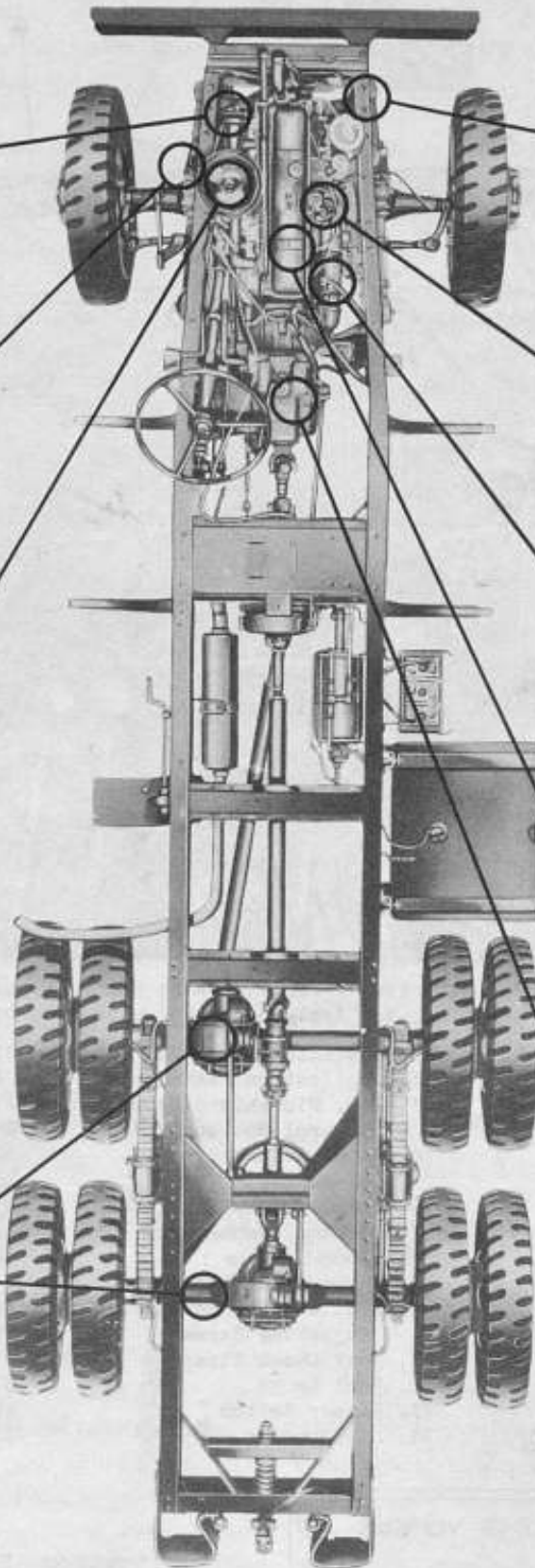
CARBURETOR Model number stamped on disc near cleanout plug.



REAR AXLE—Stamped on axle housing tube



CARGO BODY—Model number plate on lower L. H. front corner of body.



CHASSIS SERIAL NO.—Stamped on R. H. frame side rail above front spring.



DISTRIBUTOR—Model number plate on body of distributor.



STARTING MOTOR—Model number plate on side of motor.



ENGINE—Serial number plate on L. H. of crankcase—also stamped on R. H. side of crankcase near distributor.



TRANSMISSION—Model number appears on name plate on L. H. side of transmission case.



CAB & VOLTAGE REGULATOR—Cab serial number plate on L. H. of cowl under hood. Regulator model number plate appears on cover of regulator.

GMC 6x4

TM-10-1223 X-4132

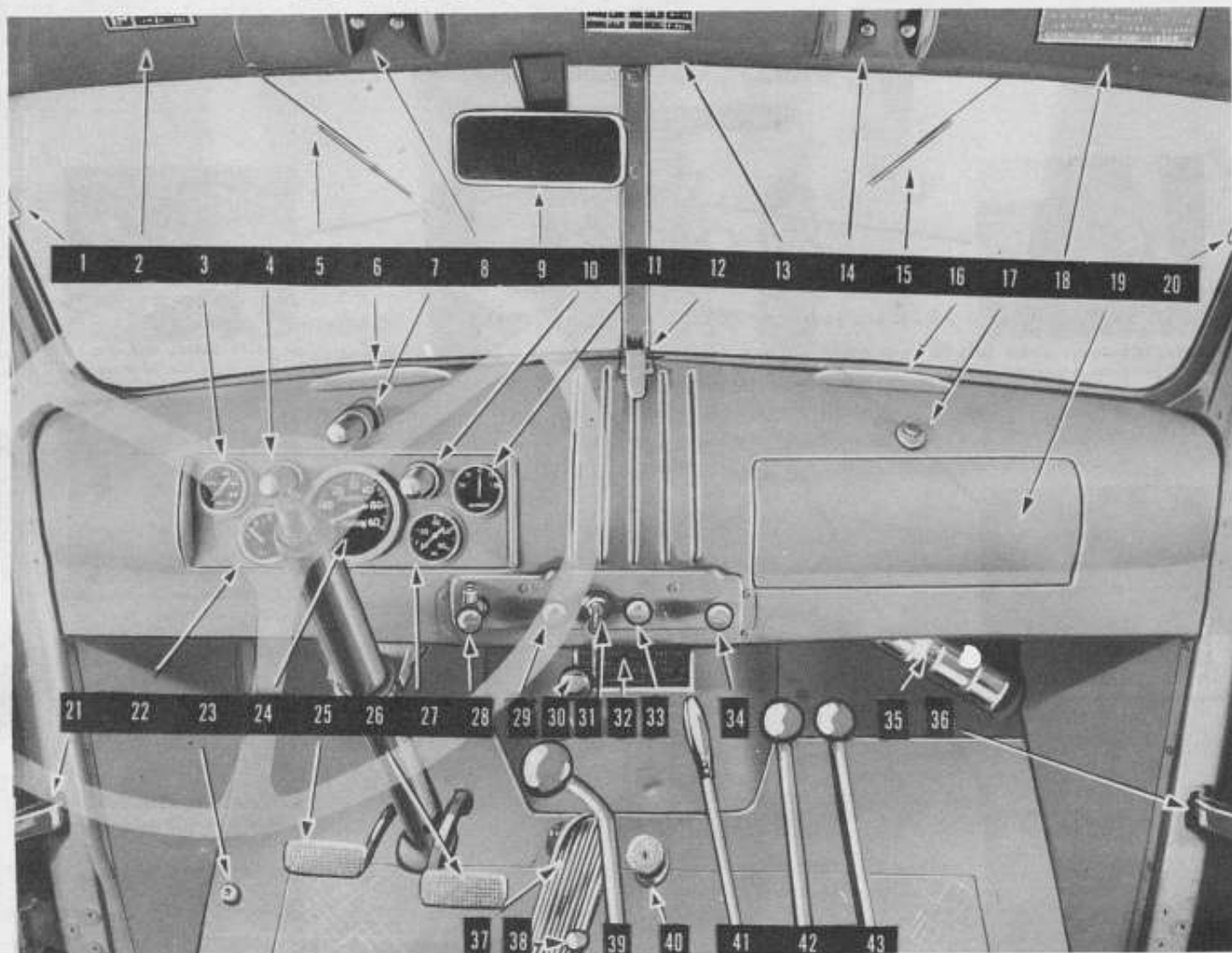
Driver's Instructions

Fig. 1 Interior of Driver's Cab - Showing Controls and Instruments.
 (Items 18, 38, 42 and 43 do Not Apply on Vehicles Covered by this Publication).

- | | | |
|---|--|-----------------------------------|
| 1. L.H. Windshield Quadrant Adjusting Screw | 12. Windshield Lock | 25. Clutch Pedal |
| 2. Shifter Arrangement and Road Speed Plate | 13. Publication Plate | 26. Brake Pedal |
| 3. Temperature Gauge | 14. R.H. Windshield Wiper Control Buttons | 27. Oil Gauge |
| 4. Temperature and Fuel Gauge Light | 15. Windshield Wiper Blade R.H. | 28. Light Switch |
| 5. Windshield Wiper Blade L.H. | 16. Defroster Opening - R.H. | 29. Choke Button |
| 6. Defroster Opening - L.H. | 17. Package Compartment Door Lock | 30. Ventilator Control Handle |
| 7. Instrument Light | 19. Package Compartment | 31. Ignition Key and Switch |
| 8. L.H. Windshield Wiper Control Buttons | 20. R.H. Windshield Quadrant Adjusting Screw | 32. Serial Number Plate |
| 9. Rear View Mirror | 21. Door Check Strap | 33. Throttle Button |
| 10. Ammeter and Oil Gauge Light | 22. Fuel Gauge | 34. Instrument Panel Light Switch |
| 11. Ammeter | 23. Dimmer Switch | 35. Fire Extinguisher |
| | 24. Speedometer | 36. Door Check Strap |
| | | 37. Accelerator Pedal |
| | | 39. Transmission Shift Lever |
| | | 40. Starter Button |
| | | 41. Hand Brake Lever |

PUBLICATIONS APPLYING TO THIS VEHICLE

○ PARTS LIST TM-10-

○ MAINTENANCE MANUAL TM-10-

"Publication Plate" - gives "TM number of Parts Book and Maintenance Manual application to each vehicle.