

INSTRUCTIONS FOR USING THE FIRST SUPPLEMENT
TO THE CHECKER SHOP SERVICE MANUAL

THIS SUPPLEMENT COVERS ALL VEHICLES WITH GM ENGINES

These instructions relate to the attached first Supplement to the Checker Shop Service Manual which covers the various repair jobs, classified in their appropriate groups, which may be undertaken on the present line of Checker vehicles, equipped with 230, 283 and 327 engines.

File this supplement at the rear of Shop Manual and use the following table of contents for reference. When a subject is not listed, this indicates that original service procedures, as listed in the main section of the Shop Manual have not changed.

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VEHICLE AND EQUIPMENT IDENTIFICATION

The serial number plate of the vehicle can serve as a guide to many equipment differences. The serial number plate identifies Model, Serial Number, Engine

Example

Serial No.: A-11-456-20001

MODEL

A-11 - Taxicab
A-11E - Taxicab with 129 in.
Wheelbase
A-12 - Passenger Car
A-12E - Passenger Car with 129 in.
Wheelbase
A-12W - Station Wagon
A-12W6M - 6 Door Aerobus-154-1/2" WB
A-12E8M - 8 Door Aerobus-189" WB

456 - Factory Production Order
Number
20001 - Chassis Number

MOTOR NO.

This space is used for engine spec. no.

601S - 6 Cyl. 230 Cu.in. Eng. -Std.
Trans.
601A - 6 Cyl. 230 cu.in. Engine
- Auto. Trans.
801S - 8 Cyl. 283 cu. in. Engine
- Std. Trans.
801A - 8 Cyl. 283 cu.in. Engine
- Auto. Trans.
803A - 8 Cyl. 327 cu.in. Engine
- Auto. Trans.
802S - 8 Cyl. 327 cu.in. Engine
- Std. Trans. (Aerobus only)
802A - 8 Cyl. 327 cu.in. Engine
- Auto. Trans.
(Aerobus only)

Specification Number, Transmission, Axle, Brakes, Steering, Alternator, plus Color and Trim Designation. Following is an explanation of codes.

TRANSMISSION

SF - Standard Floor Shift-Spur
Gear
SH - Standard Column Shift-Helical
Gear
SHO - Overdrive Column Shift
CA - Single Range Automatic
PA - Dual Range Automatic

AXLE

33 - 3.31:1 33P - 3.31:1 Powr-Lok
35 - 3.54:1 35P - 3.54:1 Powr-Lok
37 - 3.73:1 37P - 3.73:1 Powr-Lok
40 - 4.09:1 40P - 4.09:1 Powr-Lok
41 - 4.10:1 41P - 4.10:1 Powr-Lok

BRAKES

C - Standard Self Energizing
VA - Standard Self Adjusting
CM - Power Self Energizing with
Master-Vac
VAM - Power Self Adjusting with
Master-Vac

STEERING

S - Standard
P - Power

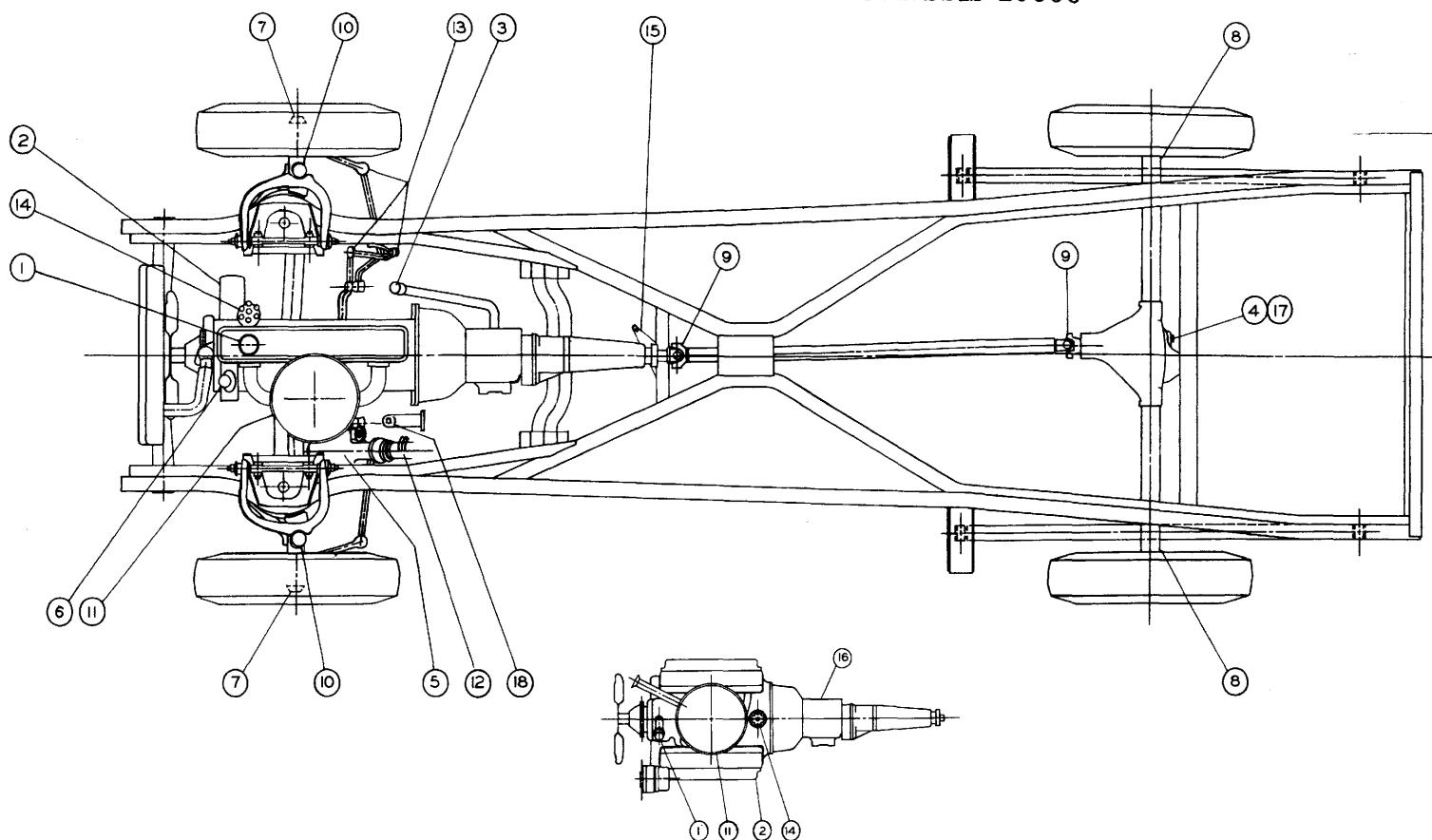
ALTERNATOR

MS - Standard Duty Motorola
MH - Heavy Duty Motorola

This code is also listed in the Parts Catalogs along with color and trim designations.

LUBRICATION CHART

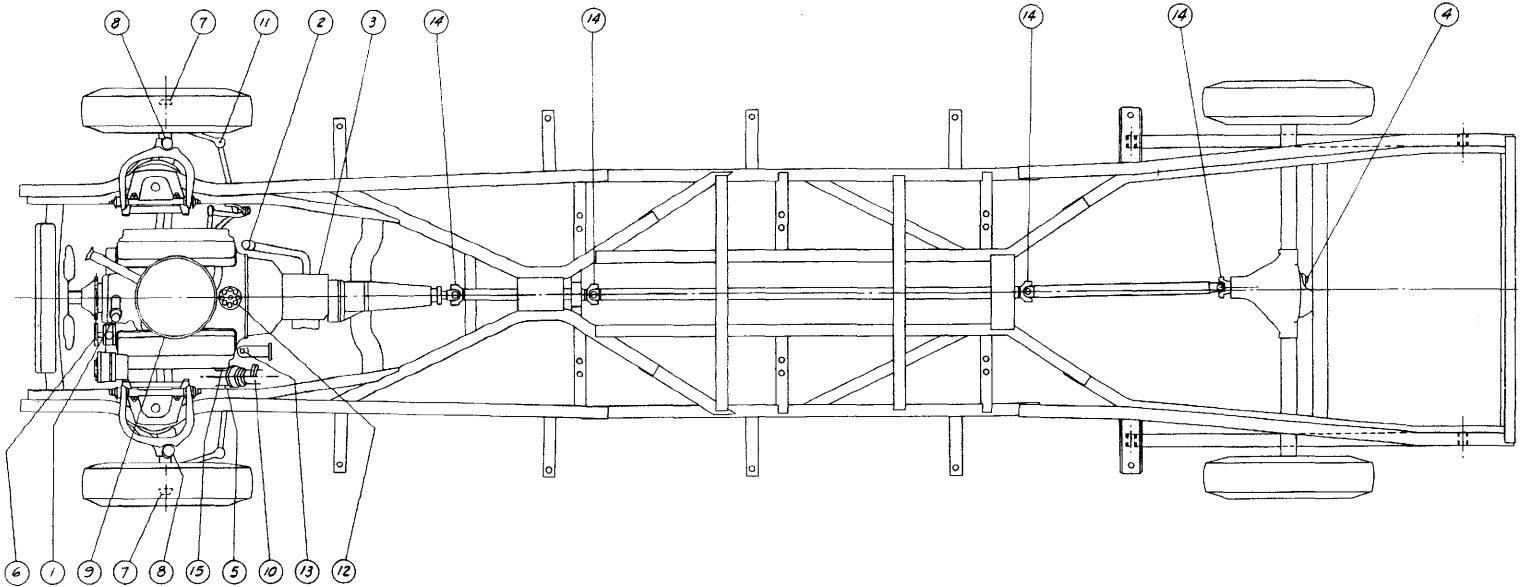
A-11, A-12 SERIES AFTER CHASSIS 20000



No.	Unit	No. Places	Lubricant	Capacity	Check Periods	Remarks
1	Engine	1	MS 10 W 30 Oil	4 Qts.	Daily	Drain and Refil Every 2,000 Miles
2	Oil Filter	1	.....	1 Qts.	.....	Replace Every 4,000 Miles
3	Transmission-Automatic	1	Type A-Suffix A-Transmission Fluid	9-1/2 Qts.	At 2,000 Miles	Drain and Refil Every 15,000 Miles
4	Differential-Standard	1	E. P. Hypoid Gear Lube S. A. E. 90	3 Lbs.	At 2,000 Miles	Change Every 15,000 Miles
5	Steering Gear (Std.)	1	E. P. Hypoid Gear Lube S. A. E. 90	12 Oz.	At 2,000 Miles	Cap Screw in Housing Cover
6	Power Steering Pump	1	Type A-Suffix A-Transmission Fluid	2 Qts.	At 2,000 Miles	Drain and Refil Every 15,000 Miles
7	Wheel Bearing-Front	2	Marfak-2HD	1/4 Lb. Each	At 10,000 Miles	Remove Wheel, Clean, and Repack
8	Wheel Bearing-Rear	2	Rust Inhibited Lithium Base All Purpose Gr.	As Required	At 10,000 Miles	Pressure Fitting, Do not overload
9	Universal	2	Rust Inhibited Lithium Base All Purpose Gr.	As Required	At 2,000 Miles	Pressure Fitting
10	Steering Knuckle Ball Joint	4	Rust Inhibited Lithium Base All Purpose Gr.	As Required	At 2,000 Miles	Relieve Load, Swing Wheels, While Lubricating
11	Air Cleaner	1	Engine Oil-10 W	As Required	At 2,000 Miles	Wash in Kerosene and Re-oil
12	Gear Shifter	1	Lubriplate-630AA	As Required	At 2,000 Miles	Apply to Shifter Tabs on Steering Column
13	Steering Linkage	5	Rust Inhibited Lithium Base	As Required	At 2,000 Miles	Pressure Fitting
14	Distributor	1	Light Oil	.....	At 8,000 Miles	
15	• Parking Brake Lever	1	Rust Inhibited Lithium Base All Purpose Gr.	As Required	At 2,000 Miles	Spread on Slide Plate
16	Transmission-Standard	1	Min. Base Gear Oil-SAE 90 Winter -140 Summer	2-1/2 Lbs.	At 2,000 Miles	Change Every 15,000 Miles
17	Differential-Power-Lok	1	Lubricant of API-GL-4 Type Incorporating Additives Suitable for Power-Lok Differential	3 Lbs.	At 2,000 Miles	Change Every 15,000 Miles
18	Master Cylinder Brake	1	Brake Fluid S. A. E. 70R3 Specification	Keep Filled	At 2,000 Miles	Under Hood
	Misc. Hinges, Linkage and Pins		Machine Oil	Few Drops	At 2,000 Miles	With Oil Can

LUBRICATION CHART

A-12W6M A-12W8M



No.	Unit	No. Places	Lubricant	Capacity	Check Periods	Remarks
1	Engine	1	MS 10 W 30 Oil	5 Qts.	Daily	Drain and Refil Every 2,000 Miles
2	Transmission-Automatic	1	Type A-Suffix A-Transmission Fluid	9-1/2 Qts.	At 2,000 Miles	Drain and Refil Every 20,000 Miles
3	Transmission-Standard	1	Mineral Base Gear Oil S. A. E. #90 Winter -140 Summer	Keep Filled	At 2,000 Miles	Change Every 15,000 Miles
4	Differential-Standard	1	E. P. Hypoid Gear Lube S. A. E. #90	Keep Filled	At 2,000 Miles	Change Every 15,000 Miles
4A	Differential-Power Lok	1	Lubricant of API-GL-4 Type Incorporating Additives Suitable for Power-Lok Differential	Keep Filled	At 2,000 Miles	Change Every 15,000 Miles
5	Steering Gear		.....	.....	.....	Note:Lubricated thru No. 6
6	Power Steering Pump	1	Type A-Suffix A-Transmission Fluid	2 Qts.	At 2,000 Miles	Drain and Refil Every 15,000 Miles
7	Wheel Bearing-Front	2	Marfak 2HD	1/3 Lb. Each	At 10,000 Miles	Remove Wheel, Clean and Repack
8	Steering Knuckle Ball Joint	4	Rust Inhibited Lithium Base All Purpose Grease	As Required	At 2,000 Miles	Relieve Load, Swing Wheels, While Lubricating
9	Air Cleaner-Dry Type	1	Caution: Keep Oil from Element	None	At 4,000 Miles	Remove:Clean Cartridge by Tapping Gently
10	Gear Shifter	1	Lubriplate 630AA	As Required	At 2,000 Miles	Apply to Shifter Tabs on Steering Column
11	Steering Linkage	5	Rust Inhibited Lithium Base All Purpose Grease	As Required	At 2,000 Miles	Pressure Fitting
12	Distributor	1	Engine Oil	Few Drops	At 2,000 Miles	Oil Cup on Side-With Oil Can
12A	Distributor Rotor-Felt	1	Turn Felt Cam 1/2 Turn	.....	At 12,000 Miles	Replace with New at 24,000 Miles
13	Master Cylinder Brake	1	Brake Fluid S. A. E. 70R3 Specification	Keep Filled	At 2,000 Miles	Under Hood
14	Universal	4	Rust Inhibited Lithium Base All Purpose Grease	As Required	At 2,000 Miles	Pressure Fitting
15	Oil Filter	1	.....	.....	.....	Replace Every 4,000 Miles
	Misc.Hinges-Linkage and Pins		Machine Oil	Few Drops	At 2,000 Miles	With Oil Can
	Wheel Bearing-Rear	2	Marfak 2HD	As Required	At 25,000 Miles	Or when Brake Shoes are replaced if sooner