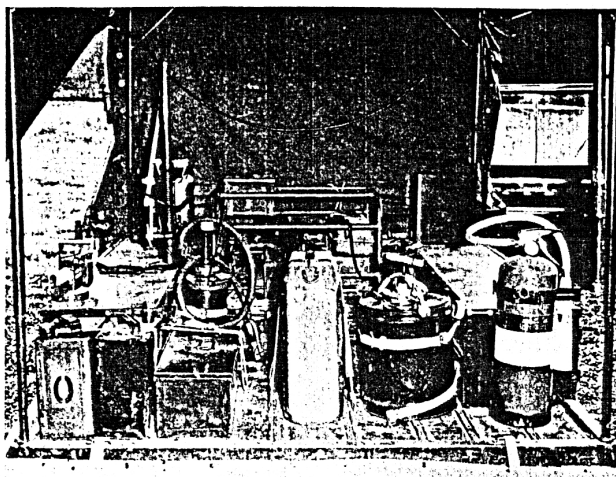


AUTOMOTIVE REPAIR SHOP, TRUCK
MOUNTED, ¾ TON, GARAGE

DATA SUMMARY

REFERENCE:- TSU Project 233/68.

- This equipment is used to provide a range of machinery and equipment to assist tradesmen in unit and field re of mechanical equipment.



General Data:

2. Weights (lbs)

Unladen - Front axle 1910
Rear axle 1600

Total unladen weight 3510

Maximum loading

Front axle .. . 2650
Rear axle .. . 2850

Maximum gross vehicle weight - 5500

3. Wheel size and type:

Single or dual rear .. . Single
Type .. . 16 in. divided rim
Tyre size .. . 7.50-16; 6 ply
Type .. . Cross Country, Non-directional

Pressures (lb/sq in)

On highway - Front .. . 24
- Rear .. . 46

Cross country - Front .. . 18
- Rear .. . 30

Mud and sand - Front .. . 14
- Rear .. . 22

4. Dimensions:

Length overall .. .	180¼ in
Width overall .. .	65¼ in
Overall height .. .	80¼ in
Shipping tons .. .	13.78
Shipping cubage .. .	551 cu ft
Wheel base .. .	109 in
Track .. .	51½ in
Ground clearance .. .	10 in
Pintle hook height .. .	25¼ in
Rail gauging .. .	All States

5. Electrical system:

Type of system .. .	12 V
No. of batteries .. .	one
Capacity .. .	38 AH
Terminal earthed .. .	negative

VEHICLE
G 090

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ENGINEERING INSTRUCTIONS

6. Lubricants and capacities:

	Type	Capacity
Fuel	MT Gas Standard	20 gal
Cooling system	Water	2.2 gal
Crankcase	OMD-110	11 pt
Axle - front	OEP-600	3 pt
- rear	OEP-600	3 pt
Gearbox	OMD-330	2½ pt
Transfer case	OMD-330	4½ pt

7. Brakes

Hand type	Mechanical, transmission
Foot type	Hydraulic

8. Performance:

Fording depth	20 in
Turning circle	48 ft
Angle of approach	48°
Angle of departure	28°
Maximum towed load	
Highway	2000 lb
Cross country	1800 lb
Fuel consumption target	15 mpg
Range	300 miles

9. Trailer facilities:

Socket type	12 pin NATO
Pintle hook	rotatable

10. References:

AC in WM 2266
CES 2156
Repair Parts Scale AUST/MT/147 (chassis only)
Census Code No. 6043A

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