

**GROUP 16****INDEX**

<b>Subject</b>	<b>A</b>	<b>Page No.</b>	<b>Subject</b>	<b>Page No.</b>
Adding Oil to Air Conditioner . . . . .		13-26	Automatic Climate Control	
A.I.R. System			Control Cable Adjustments . . . . .	13-113,13-115
Operation . . . . .		66-2	Automatic Climate Control	
Trouble Diagnosis . . . . .		66-7	Specifications and	
Pump Overhaul . . . . .		66-5	Adjustments . . . . .	13-108 thru 13-115
Information Drawings . . . . .		66-10	Automatic Climate Control	
Air Cleaner . . . . .		00-17	Support Removal and	
Air Cleaner Description . . . . .		64-5	Installation	
Air Conditioner - Heater Assembly			45-46-48000 Series . . . . .	13-152 & 13-154
Removal and Installation			Automatic Climate Control (ACC)	
43-44000 Series . . . . .		13-52	Trouble Diagnosis . . . . .	13-165 thru 13-173
45-46-48000 Series . . . . .		13-78	Automatic Climate Control	
49000 Series . . . . .		13-104	Wiring Diagrams	
Air Conditioner - Heater Description			45-46-48000 Series . . . . .	120-112
43-44000 Series . . . . .	13-4,13-5,13-8,13-10,13-16		49000 Series . . . . .	120-113
45-46-48000 Series . . . . .	13-63,13-65,13-72		Automatic Level Control . . . . .	40-11
49000 Series . . . . .	13-87,13-88,13-95,13-98		Axle, Rear	
Air Conditioner - Heater Specifications			43-44-45000 Series Std . . . . .	40-56
43-44000 Series . . . . .		13-3	43-44-45000 Series P.T. . . . .	40-75
45-46-48000 Series . . . . .		13-61	46-48-49000 Series Std . . . . .	40-78
49000 Series . . . . .		13-87	46-48-49000 Series P.T. . . . .	40-99
Air Conditioner - Heater Trouble				
Diagnosis			<b>B</b>	
43-44000 Series . . . . .	13-54 thru 13-59		Back-Up Light Switch . . . . .	120-14
45-46-48000 Series . . . . .	13-80 thru 13-85		Balance, Wheel and Tire . . . . .	100-6
49000 Series . . . . .	13-106		Ball Joint	
Air Conditioner Wiring Diagrams			43-44000 Series . . . . .	30-9
43-44000 Series . . . . .		120-109	45 through 49000 Series . . . . .	30-24
45-46-48000 Series . . . . .		120-110	Battery	
49000 Series . . . . .		120-111	Specifications . . . . .	120-2
Alignment			Testing . . . . .	120-5
Front Wheel			Charging . . . . .	120-7
43-44000 Series . . . . .		30-5	Trouble Diagnosis . . . . .	120-8
45 through 49000 Series . . . . .		30-21	Battery Test - 401 . . . . .	120-5
AM-FM Radio . . . . .		129-4	Belt Tensions	
Antenna Repair . . . . .		129-19	V-6 Engine . . . . .	60-32
Antenna Trimmer			300 & 340 Engines . . . . .	60-70
Adjustment - Radio . . . . .		129-3	400 & 430 Engines . . . . .	60-111
Assembly of Transmission from			Blower and Air Inlet Assy Removal	
Major Units			and Installation	
Super Turbine 300 . . . . .		74-52	43-44000 Series . . . . .	12-6
Super Turbine 400 . . . . .		74-146	45-46-48000 Series . . . . .	12-13
Auto-Cruise Control Engagement			Blower and Heater Assembly Removal	
Switch . . . . .		75-21	and Installation (49000 Series) . . . . .	12-20
Auto-Cruise Control Hydraulic			Blower Switch (ACC) Removal	
Control Cylinder . . . . .		75-20	and Installation	
Auto-Cruise Control Valve Body . . . . .		75-20	45-46-48000 Series . . . . .	13-158
Auto-Cruise Control Wiring			49000 Series . . . . .	13-164
Diagrams				
43-44000 Series . . . . .		120-121		
45000 Series . . . . .		120-122		

Subject	Page No.	Subject	Page No.
Body		Charts - Lubrications . . . . .	00-8 thru 00-12
Lubrication Points . . . . .	00-16	Chassis Sheet Metal	
Name Plate . . . . .	00-3	43-44000 Series . . . . .	110-2
Style Numbers . . . . .	00-2	45-46-48000 Series . . . . .	110-19
Bolt Torque Specifications		49000 Series . . . . .	110-36
V-6 Engine . . . . .	60-3	Chassis Springs, Front	
300 and 340 Engines . . . . .	60-39	43-44000 Series . . . . .	30-13
400 and 430 Engines . . . . .	60-79	45 through 49000 Series . . . . .	30-27
Front Suspension . . . . .	30-2	Choke Adjustment . . . . .	64-3
Super Turbine 300 . . . . .	74-5	Clock . . . . .	120-64
Super Turbine 400 . . . . .	74-79	Closed P.C.V. System (California) . . . . .	64-7
43-44-45000 Series		Clutch Driven Plate Alignment . . . . .	71-9
3-Speed Manual . . . . .	72-3	Clutch Lash Adjustment	
44600 Series (G.S. 400)		43-44-45000 Series . . . . .	71-5
3-Speed Manual . . . . .	72-16	Compressor Clutch, Drive Plate, and	
44600 Series (G.S. 400)		Shaft Seal Disassembly and	
4-Speed Manual . . . . .	72-28	Reassembly . . . . .	13-29
43-44-45000 Series Clutch . . . . .	71-2	Compressor Disassembly and	
Wheels and Tires . . . . .	100-2	Reassembly . . . . .	13-29
Brakes		Compressor Pulley and Coil	
Brake Drums, Shoes, and Linings . . . . .	50-2	and Housing Assemblies - Disc -	
Hydraulic Wheel Cylinder . . . . .	50-2	Assembly and Reassembly . . . . .	13-34
Hydraulic Master Cylinder . . . . .	50-2	Compressor	
Parking Brake Cables . . . . .	50-2	Removal and Installation	
Brake Pipes and Hoses . . . . .	50-2	43-44000 Series . . . . .	13-28
43-44000 Series Disc Brake . . . . .	50-35	45-46-48000 Series . . . . .	13-73
45-46-49000 Series Disc Brake . . . . .	50-45	49000 Series . . . . .	13-98
Power Brake - Delco Moraine		Condenser	
All Series . . . . .	50-55	Removal and Installation	
Power Brake - Bendix		43-44000 Series . . . . .	13-73
45-46-48-49000 Series . . . . .	50-71	49000 Series . . . . .	13-100
Bumpers, Front and Rear		Connecting Rod and Bearings	
43-44000 Series . . . . .	140-2	V-6 Engine . . . . .	60-17
45-46-48000 Series . . . . .	140-6	300 and 340 Engines . . . . .	60-53
49000 Series . . . . .	140-10	400 and 430 Engines . . . . .	60-94
		Control Arm - Front	
<b>C</b>		Upper	
Camshaft and Bearings		43-44000 Series . . . . .	30-12
V-6 Engine . . . . .	60-25	45 through 49000 Series . . . . .	30-26
300 and 340 Engines . . . . .	60-62	Lower	
400 and 430 Engines . . . . .	60-104	43-44000 Series . . . . .	30-13
Car Model Identification . . . . .	00-2	45 through 49000 Series . . . . .	30-27
Carburetor - See Rochester 2GC,		Control Assembly - Air Conditioner,	
Rochester 4MV or Carter AFB		Removal and Installation	
Carter AFB		43-44000 Series . . . . .	13-54
Specifications . . . . .	64-40	45-46-48000 Series . . . . .	13-79
Operation . . . . .	64-41	49000 Series . . . . .	13-104
Adjustment . . . . .	64-46	Center Support	
Charging System		Super Turbine 400 . . . . .	74-142
Specifications . . . . .	68-2	Converter Checking Procedure	
Operation . . . . .	68-7	Super Turbine 300 . . . . .	74-61
Trouble Diagnosis . . . . .	68-9	Super Turbine 400 . . . . .	74-146
Testing . . . . .	68-10	Coolant Flow	
Wiring Diagrams . . . . .	68-13	V-6 Engine . . . . .	60-30
		300 and 340 Engines . . . . .	60-68
		400 and 430 Engines . . . . .	60-109

Subject	Page No.	Subject	Page No.
Counter Gear Assembly - 3 and 4 Speed Manual Transmission		Dome and Panel Light Wiring Diagrams	
43-44-45000 Series . . . . .	72-9	43-44000 Series . . . . .	120-18
44600 (G.S. 400) - 3-Speed Manual . . . . .	72-21	45-46-48000 Series . . . . .	120-19
44600 (G.S. 400) - 4-Speed Manual . . . . .	72-35	49000 Series . . . . .	120-20
Crankcase Ventilator - See P.C.V.		Drill Size Chart . . . . .	Follows Index
Cranking System - See Starting System			
Crankshaft		<b>E</b>	
V-6 Engine . . . . .	60-18	Electrical Operation	
300 and 340 Engines . . . . .	60-54	Auto-Cruise Control . . . . .	75-8
400 and 430 Engines . . . . .	60-96	Electro-Cruise	
Cruise Control - See Auto-Cruise or Electro-Cruise		Operation . . . . .	65-4
Cylinder Head		Wiring Diagram . . . . .	65-6
V-6 Engine . . . . .	60-11	Trouble Diagnosis . . . . .	65-10
300 and 340 Engines . . . . .	60-46	Engine	
400 and 430 Engines . . . . .	60-88	Cooling System	
<b>D</b>		V-6 Engine . . . . .	60-29
Dash Pot Adjustment . . . . .	64-4	300 and 340 Engines . . . . .	60-66
Decimal Equivalent Chart . . . . .	Follows Index	400 and 430 Engines . . . . .	60-108
Delcotron - See Generator		General Description	
Description		V-6 Engine . . . . .	60-6
Super Turbine 300 . . . . .	74-5	300 and 340 Engines . . . . .	60-42
Super Turbine 400 . . . . .	74-81	400 and 430 Engines . . . . .	60-87
Auto-Cruise Control . . . . .	75-4	Identification	
43-44-45000 Series - 3-Speed Manual . . . . .	72-3	V-6 Engine . . . . .	60-6
44600 (G.S. 400) 3-Speed Manual . . . . .	72-16	300 and 340 Engines . . . . .	60-42
44600 (G.S. 400) 4-Speed Manual . . . . .	72-28	400 and 430 Engines . . . . .	60-87
43-44-45000 Series Clutch . . . . .	71-5	Lubrication System	
Detonation Complaints . . . . .	64-9	V-6 Engine . . . . .	60-26
Differential		300 and 340 Engines . . . . .	60-62
43-44-45000 Series Std . . . . .	40-56	400 and 430 Engines . . . . .	60-104
43-44-45000 Series P.T. . . . .	40-75	Mountings	
46-48-49000 Series Std . . . . .	40-78	V-6 Engine . . . . .	60-32
46-48-49000 Series P.T. . . . .	40-99	300 and 340 Engines . . . . .	60-71
Direction Signal - See Turn Signal		400 and 430 Engines . . . . .	60-113
Disassembly of 3 and 4 Speed Manual Transmission		Oil Change Interval . . . . .	00-8 thru 00-12
43-44 and 45000 Series . . . . .	72-5	Oil Pan	
44600 Series (G.S. 400) 3-Speed Manual . . . . .	72-18	400 and 430 Engines . . . . .	60-106
44600 Series (G.S. 400) 4-Speed Manual . . . . .	72-28	Oil Viscosity Chart . . . . .	00-14
Discharging Air Conditioner . . . . .	13-26	Special Tools . . . . .	60-121 thru 60-125
Distributor		Specifications	
Specifications . . . . .	68-25	V-6 Engine . . . . .	60-3
Spark Advance Charts . . . . .	68-29	300 and 340 Engines . . . . .	60-39
Point Replacement . . . . .	68-31	400 and 430 Engines . . . . .	60-79
Distributor Duct and Selector Assemblies Removal and Installation		Torque Specifications	
49000 Series . . . . .	13-105	V-6 Engine . . . . .	60-2
		300 and 340 Engines . . . . .	60-38
		400 and 430 Engines . . . . .	60-78
		Tune-Up . . . . .	69-2
		Evaporator Removal and Installation	
		43-44000 Series . . . . .	13-48
		45-46-48000 Series . . . . .	13-74
		49000 Series . . . . .	13-100

Subject	Page No.	Subject	Page No.
Exhaust Manifold Installation		Fuel Pump Operation . . . . .	64-11
V-6 Engine . . . . .	60-12	Fuel Pump Test . . . . .	64-12
300 and 340 Engines . . . . .	60-48	Fuel System	
400 and 430 Engines . . . . .	60-89	Description . . . . .	80-2
Exhaust System		Information Drawings . . . . .	80-4
Description . . . . .	80-9	Tank Removal . . . . .	80-3
Removal and Installation . . . . .	80-9	Tank Gauge Unit Removal . . . . .	80-3
Information Drawings . . . . .	80-11	Functions of Valves and Hydraulic	
Expansion Valve Removal and		Control Units	
Installation		Super Turbine 300 . . . . .	74-13
43-44000 Series . . . . .	13-45	Super Turbine 400 . . . . .	74-90
45-46-48000 Series . . . . .	13-74	Fuse Chart . . . . .	120-11
49000 Series . . . . .	13-100	Fusible Link . . . . .	120-6
External Oil Leaks - Transmission			
Super Turbine 300 . . . . .	74-62		
Super Turbine 400 . . . . .	74-153		
		<b>G</b>	
		Gas Mileage Complaints . . . . .	64-9
<b>F</b>		Gas Tank - See Fuel Tank	
Fan Clutch		General Specifications	
V-6 Engine . . . . .	60-29	V-6 Engine . . . . .	60-3
300 and 340 Engines . . . . .	60-66	300 and 340 Engines . . . . .	60-39
400 and 430 Engines . . . . .	60-108	400 and 430 Engines . . . . .	60-79
Fast Idle Operation . . . . .	64-8	Super Turbine 300 . . . . .	74-3
Fender, Front		Super Turbine 400 . . . . .	74-77
43-44000 Series . . . . .	110-2	43-44-45000 Series	
45-46-48000 Series . . . . .	110-19	3-Speed Manual . . . . .	72-2
49000 Series . . . . .	110-36	44600 Series (G.S. 400)	
Filter - Engine Oil . . . . .	00-15	3-Speed Manual . . . . .	72-15
Fluid Checking Procedure - Transmission		44600 Series (G.S. 400)	
Super Turbine 300 . . . . .	74-3	4-Speed Manual . . . . .	72-27
Super Turbine 400 . . . . .	74-77	43-44-45000 Series Clutch . . . . .	71-2
Flushing Air Conditioner . . . . .	13-27	Generator	
Forward Clutch		Specifications . . . . .	68-2
Super Turbine 300 . . . . .	74-33	Description . . . . .	68-3
Super Turbine 400 . . . . .	74-119	Repair . . . . .	68-4
Frame		Testing . . . . .	68-10
43-44000 Series . . . . .	20-2	Governor Driven Gear	
45-46-48000 Series . . . . .	20-10	Super Turbine 300 . . . . .	74-47
49000 Series . . . . .	20-16	Super Turbine 400 . . . . .	74-127
Front Servo		Grille, Radiator	
Super Turbine 400 . . . . .	74-129	43-44000 Series . . . . .	130-2
Front Suspension		45-46-48000 Series . . . . .	130-7
43-44000 Series . . . . .	30-2	49000 Series . . . . .	130-12
45 through 49000 Series . . . . .	30-18		
Front Wheel Alignment			
43-44000 Series . . . . .	30-5	<b>H</b>	
45 through 49000 Series . . . . .	30-21	Hard Starting . . . . .	64-7
Front Wheel Bearing Adjustment		Hazard Warning Flasher	
All Series . . . . .	100-6	Description . . . . .	120-22
Fuel Filter Cleaning . . . . .	64-6	Trouble Diagnosis . . . . .	120-24
Fuel Filter Description . . . . .	64-5	Wiring Diagrams . . . . .	120-25
Fuel Gauge		Headlamp Aiming . . . . .	120-17
Operation . . . . .	120-64		
Information Drawings . . . . .	120-65		
Trouble Diagnosis . . . . .	120-68		

Subject	Page No.
Headlamp Control Wiring	
Diagram - Riviera . . . . .	120-52
Headlight Switch . . . . .	120-10
Heat Control Valve	
V-6 Engine . . . . .	60-13
300 and 340 Engines . . . . .	60-49
400 and 430 Engines . . . . .	60-90
Heater Assembly Removal and Installation	
43-44000 Series . . . . .	12-7
45-46-48000 Series . . . . .	12-13
49000 Series . . . . .	12-20
Heater Control Assembly Removal and Installation	
43-44000 Series . . . . .	12-6
45-46-48000 Series . . . . .	12-13
49000 Series . . . . .	12-19
Heater Controls Adjustment	
43-44000 Series . . . . .	12-2,12-3
45-46-48000 Series . . . . .	12-9,12-10
49000 Series . . . . .	12-15
Heater Description	
43-44000 Series . . . . .	12-3
45-46-48000 Series . . . . .	12-10
49000 Series . . . . .	12-16
Heater Specifications	
43-44000 Series . . . . .	12-2
45-46-48000 Series . . . . .	12-9
49000 Series . . . . .	12-15
Heater System Trouble Diagnosis	
43-44000 Series . . . . .	12-7
45-46-48000 Series . . . . .	12-14
49000 Series . . . . .	12-21
Heater Wiring Diagrams	
43-44000 Series . . . . .	120-106
45-46-48000 Series . . . . .	120-107
49000 Series . . . . .	120-108
Horn	
Operation . . . . .	120-21
Adjustment . . . . .	120-23
Hydraulic Operation	
Super Turbine 300 . . . . .	74-16
Super Turbine 400 . . . . .	74-94
Auto-Cruise Control . . . . .	75-8
Hydraulic Valve Lifter	
V-6 Engine . . . . .	60-14
300 and 340 Engines . . . . .	60-50
400 and 430 Engines . . . . .	60-92

I

Identification Number Vehicle . . . . .	00-3
Idle Adjustment . . . . .	64-3

Subject	Page No.
Idle Stator and Detent Switch	
Adjustments	
Super Turbine 300 . . . . .	74-5
Super Turbine 400 . . . . .	74-80
Inflation Pressures, Tires . . . . .	100-4
Ignition Coil	
Specifications . . . . .	68-25
Testing . . . . .	68-38
Ignition, Starter & Generator	
Wiring Diagrams	
43-44000 Series . . . . .	68-13
45-46-48000 Series . . . . .	68-14
49000 Series . . . . .	68-15
Ignition System	
Timing . . . . .	68-32
Description . . . . .	68-26
Trouble Diagnosis . . . . .	68-37
Indicator Light Wiring Diagrams	
43-44000 Series . . . . .	120-27
45-46-48000 Series . . . . .	120-37
49000 Series . . . . .	120-50
Indicator Light Trouble Diagnosis Chart	
43-44000 Series . . . . .	120-28
45-46-48000 Series . . . . .	120-38
49000 Series . . . . .	120-49
Instrument Panel Information Drawings	
43-44000 Series . . . . .	120-31
45-46-48000 Series . . . . .	120-42
49000 Series . . . . .	120-56
Instrument Panel Parts Removal	
43-44000 Series . . . . .	120-29
45-46-48000 Series . . . . .	120-39
49000 Series . . . . .	120-51
Intake Manifold	
V-6 Engine . . . . .	60-11
300 and 340 Engines . . . . .	60-46
400 and 430 Engines . . . . .	60-88
Intermediate Clutch	
Super Turbine 400 . . . . .	74-119

J

Joint, Ball	
43-44000 Series . . . . .	30-9
45 through 49000 Series . . . . .	30-24

K

Knuckle, Steering	
43-44000 Series . . . . .	30-9
45 through 49000 Series . . . . .	30-24

Subject	Page No.	Subject	Page No.
<b>L</b>			
Light Bulb Chart . . . . .	120-11	Manual Transmission	
Lighting System Specifications . . . . .	120-10	Clutch Specifications . . . . .	71-2
Liquid Vacuum Motor (ACC)		Master Cylinder, Brake	
Adjustment		Manual and Power . . . . .	50-2
45-46-48000 Series . . . . .	13-109	Master Switch (ACC) Removal and	
49000 Series . . . . .	13-110	Installation	
Liquid Vacuum Motor (ACC)		45-46-48000 Series . . . . .	13-159
Removal and Installation		49000 Series . . . . .	13-160
45-46-48000 Series . . . . .	13-158	Model Designation (Body Style) . . . . .	00-2
49000 Series . . . . .	13-164	Model Designations - Transmission	
Lock Cylinder, Ignition . . . . .	68-36	Super Turbine 300 . . . . .	74-3
Low Band Adjustment . . . . .	74-57	Super Turbine 400 . . . . .	74-77
Low Servo Cover . . . . .	74-28	Mountings, Body	
Lubrication		43-44000 Series . . . . .	20-2
Engine Oil Change Interval . . . . .	00-14	45-46-48000 Series . . . . .	20-10
Oil Viscosity Chart . . . . .	00-14	49000 Series . . . . .	20-16
Fluid Capacities . . . . . 00-8 thru	00-12	Mountings - Engine	
Maintenance Schedule . . . . .	00-7	V-6 Engine . . . . .	60-32
Points, Body . . . . .	00-16	300 and 340 Engines . . . . .	60-71
Lubrication System		400 and 430 Engines . . . . .	60-113
V-6 Engine . . . . .	60-26	Mountings, Radiator	
300 and 340 Engines . . . . .	60-62	43-44000 Series . . . . .	130-2
400 and 430 Engines . . . . .	60-104	45-46-48000 Series . . . . .	130-7
<b>M</b>			
Main Bearing Oil Seal Replacement		49000 Series . . . . .	130-12
V-6 Engine . . . . .	60-20	Muffler Removal and Installation	
300 and 340 Engines . . . . .	60-55	(Air Cond.)	
400 and 430 Engines . . . . .	60-97	43-44000 Series . . . . .	13-44
Mainshaft Assembly 3- and 4-Speed		45-46-48000 Series . . . . .	13-73
Manual Trans.		49000 Series . . . . .	13-100
43-44-45000 Series . . . . .	72-5	<b>N</b>	
44600 (G.S. 400) 3-Speed . . . . .	72-20	Neutral Safety Switch Adjustment . . . . .	120-115
44600 (G.S. 400) 4-Speed . . . . .	72-32	Null Check and Adjustment (ACC) . . . . .	13-110
Maintenance Schedule . . . . .	00-7	<b>O</b>	
Manifold		Oil Filter, Engine . . . . .	00-15
Intake		Oil Flow Circuits	
V-6 Engine . . . . .	60-11	Super Turbine 300 . . . . .	74-16
300 and 340 Engines . . . . .	60-46	Super Turbine 400 . . . . .	74-94
400 and 430 Engines . . . . .	60-88	Auto-Cruise Control . . . . .	75-9
Exhaust		Oil Pan, Engine	
V-6 Engine . . . . .	60-12	400 and 430 . . . . .	60-106
300 and 340 Engines . . . . .	60-48	Oil Pressure Checks	
400 and 430 Engines . . . . .	60-89	Super Turbine 300 . . . . .	74-67
Manifold Heat Control Valve		Super Turbine 400 . . . . .	74-163
V-6 Engine . . . . .	60-13	Oil Pump - Engine	
300 and 340 Engines . . . . .	60-49	V-6 Engine . . . . .	60-26
400 and 430 Engines . . . . .	60-90	300 and 340 Engines . . . . .	60-62
Manual Steering Gear Adjustment . . . . .	90-3	400 and 430 Engines . . . . .	60-104
Manual Steering Gear Disassembly			
and Reassembly . . . . .	90-5		
Manual Steering Gear Removal			
and Installation . . . . .	90-5		

Subject	Page No.	Subject	Page No.
Oil Pump - Transmission		Pump, Oil - Engine	
Super Turbine 300 . . . . .	74-33	V-6 Engine . . . . .	60-26
Super Turbine 400 . . . . .	74-119	300 and 340 Engines . . . . .	60-62
Oil Recommendations - Engine	00-7	400 and 430 Engines . . . . .	60-104
Oil Strainer - Transmission		Push Button Adjustment Radio . . . . .	129-3
Super Turbine 300 . . . . .	74-28		
Parking Brake . . . . .	50-2	<b>R</b>	
P.C.V. System Description . . . . .	64-6	Radio	
P.C.V. System Test . . . . .	64-7	Antenna Trimmer Adjustment . . . . .	129-3
Piston, Pin, Rings		Push Button Adjustment . . . . .	129-3
V-6 Engine . . . . .	60-20	Removal & Installation . . . . .	129-4
300 and 340 Engines . . . . .	60-56	Information Drawings . . . . .	129-6
400 and 430 Engines . . . . .	60-97	Noise Suppressors . . . . .	129-3
Planetary Gear Set		Trouble - Diagnosis Chart . . . . .	129-22
Super Turbine 300 . . . . .	74-48	Range Check and Adjustment . . . . .	13-112
Plenum Blower and		Rear Servo	
Air Door Assembly		Super Turbine 400 . . . . .	74-129
Removal and Installation		Rear Window Defroster Wiring	
43-44000 Series . . . . .	13-52	Diagrams	
45-46-48000 Series . . . . .	13-74	43-44000 Series . . . . .	120-126
POA Valve Removal and Installation		45-46-48000 Series . . . . .	120-127
43-44000 Series . . . . .	13-49	49000 Series . . . . .	120-128
45-46-48000 Series . . . . .	13-74	Receiver-Dehydrator Removal and	
49000 Series . . . . .	13-101	Installation	
Police Generator Information		43-44000 Series . . . . .	13-45
Drawing . . . . .	120-114	45-46-48000 Series . . . . .	13-73
Power Flow - 3 and 4 Speed		49000 Series . . . . .	13-100
Manual Transmission		Reverse Clutch	
43-44-45000 Series . . . . .	72-4	Super Turbine 300 . . . . .	74-36
44600 (G.S. 400) 3-Speed . . . . .	72-17	Rings, Piston	
44600 (G.S. 400) 4-Speed . . . . .	72-30	V-6 Engine . . . . .	60-20
Power Steering Gear Adjustment . . . . .	90-11	300 and 340 Engines . . . . .	60-56
Power Steering Gear Service		400 and 430 Engines . . . . .	60-97
Procedures . . . . .	90-20	Rochester 2GC	
Power Steering Pump		Specifications . . . . .	64-14
Service Procedures . . . . .	90-34	Operation . . . . .	64-15
Power Steering System Trouble		Adjustment . . . . .	64-15
Diagnosis . . . . .	90-37	Rochester 4MV	
Power Unit - Brake		Specifications . . . . .	64-24
All Series - Delco Moraine . . . . .	50-55	Operation . . . . .	64-25
45-46-48-49000 Series - Bendix . . . . .	50-71	Adjustment . . . . .	64-25
Power Window Wiring Diagrams		Rocker Arm Assembly	
43-44000 Series . . . . .	120-116	V-6 Engine . . . . .	60-11
45-46-48000 Series . . . . .	120-117	300 and 340 Engines . . . . .	60-49
49000 Series . . . . .	120-118	400 and 430 Engines . . . . .	60-91
Program Vacuum Disc Switch (ACC)			
Alignment		<b>S</b>	
45-46-48000 Series . . . . .	13-109	Selector Electrical Switch (ACC)	
49000 Series . . . . .	13-110	Removal and Installation	
Program Vacuum Disc Switch (ACC)		45-46-48000 Series . . . . .	13-156
Removal and Installation		49000 Series . . . . .	13-160
45-46-48000 Series . . . . .	13-158		
49000 Series . . . . .	13-164		
Propeller Shaft			
43-44000 Series . . . . .	40-28		
45-46-48-49000 Series . . . . .	40-37		





Subject	Page No.	Subject	Page No.
Timing Chain Cover		<b>V</b>	
V-6 Engine . . . . .	60-24	Vacuum Modulator	
300 and 340 Engines . . . . .	60-61	Super Turbine 300 . . . . .	74-35
400 and 430 Engines . . . . .	60-102	Super Turbine 400 . . . . .	74-110
Timing Chain and Sprocket		Vacuum Valves, Hot and Cold (ACC)	
V-6 Engine . . . . .	60-24	Removal and Installation	
300 and 340 Engines . . . . .	60-61	45-46-48000 Series . . . . .	13-159
400 and 430 Engines . . . . .	60-102	49000 Series . . . . .	13-164
Tires		Valve Body - Transmission	
Inflation . . . . .	100-4	Super Turbine 300 . . . . .	74-38
Rotation . . . . .	100-6	Super Turbine 400 . . . . .	74-130
Sizes . . . . .	100-3	Valve Lifters	
Tools, Special		V-6 Engine . . . . .	60-11
Fuel System . . . . .	64-49	300 and 340 Engines . . . . .	60-46
Electrical System . . . . .	120-136	400 and 430 Engines . . . . .	60-88
Transmission Oil Pan		Valve and Seat Reconditioning - Engine	
Super Turbine 300 . . . . .	74-28	V-6 Engine . . . . .	60-13
Super Turbine 400 . . . . .	74-110	300 and 340 Engine . . . . .	60-49
Transmission Reassembly -		400 and 430 Engine . . . . .	60-90
3 and 4-Speed Manual		Vapor Return System . . . . .	64-5
43-44-45000 Series . . . . .	72-10		
44600 (G.S. 400) - 3-Speed . . . . .	72-21	<b>W</b>	
44600 (G.S. 400) - 4-Speed . . . . .	72-36	Washer Operation	
Transmission Removal and Installation		43-44000 Series . . . . .	10-4
43-44-45000 Series		45-46-48-49000 Series . . . . .	10-16
3-Speed Manual . . . . .	72-3	Washer Ratchet Pawl Removal	
44600 Series (G.S. 400)		and Installation	
3-Speed Manual . . . . .	72-18	43-44000 Series . . . . .	10-8
44600 Series (G.S. 400)		Washer Relay Removal and Installation	
4-Speed Manual . . . . .	72-28	43-44000 Series . . . . .	10-8
Super Turbine 300 . . . . .	74-28	45-46-48000 Series . . . . .	10-21
Super Turbine 400 . . . . .	74-110	Water Pump - Engine	
Trim Height		V-6 Engine . . . . .	60-29
43-44000 Series . . . . .	30-14	300 and 340 Engines . . . . .	60-66
45 through 49000 Series . . . . .	30-29	400 and 430 Engines . . . . .	60-108
Trouble Diagnosis		Wheels . . . . .	100-3
Manual Steering Gear . . . . .	90-8	Wheel Alignment	
Super Turbine 300 . . . . .	74-61	43-44000 Series . . . . .	30-5
Super Turbine 400 . . . . .	74-153	45 through 49000 Series . . . . .	30-21
43-44-45000 Series		Wheel Bearing, Adjustment Front	
3-Speed Manual . . . . .	72-11	43-44000 Series . . . . .	100-7
44600 Series (G.S. 400)		45 through 49000 Series . . . . .	100-7
3-Speed Manual . . . . .	72-25	Windshield Wiper and Washer	
44600 Series (G.S. 400)		Description	
4-Speed Manual . . . . .	72-38	43-44000 Series . . . . .	10-2
43-44-45000 Series Clutch . . . . .	71-9	45-46-48-49000 Series . . . . .	10-13
Turn Signal		Windshield Wiper and Washer	
Operation . . . . .	120-22	Service Procedures	
Trouble Diagnosis . . . . .	120-24	43-44000 Series . . . . .	10-7
Wiring Diagrams . . . . .	120-25	45-46-48-49000 Series . . . . .	10-17
<b>U</b>			
Universal Joints			
43-44000 Series . . . . .	40-28		
45-46-48-49000 Series . . . . .	40-37		

Subject	Page No.
Windshield Wiper and Washer Specifications	
43-44000 Series . . . . .	10-2
45-46-48-49000 Series . . . . .	10-13
Windshield Wiper and Washer Trouble Diagnosis	
43-44000 Series . . . . .	10-8,10-10
45-46-48-49000 Series . . . . .	10-21
Wiper & Transmission Solenoid Wiring Diagrams	
43-44000 Series . . . . .	120-133
45-46-48000 Series . . . . .	120-134
49000 Series . . . . .	120-135
Wiper Gear Box Disassembly and Assembly	
43-44000 Series . . . . .	10-7
Wiper Motor Armature Removal	
45-46-48-49000 Series . . . . .	10-18

Subject	Page No.
Wiper Motor Brushes and Circuit Breaker Removal	
45-46-48-49000 Series . . . . .	10-17
Wiper Motor Case and Field Assembly Removal	
45-46-48-49000 Series . . . . .	10-18
Wiper Motor Disassembly and Assembly	
43-44000 Series . . . . .	10-8
45-46-48-49000 Series . . . . .	10-17
Wiper Motor Drive Gear Disassembly	
45-46-48-49000 Series . . . . .	10-20
Wiper Motor Operation	
43-44000 Series . . . . .	10-2
45-46-48-49000 Series . . . . .	10-14
Wiring Diagrams - Complete Colored	
43-44000 Series . . . . .	120-137
45-46-48000 Series . . . . .	120-138
49000 Series . . . . .	120-139

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# DECIMAL EQUIVALENTS AND TAP DRILL SIZES

DRILL SIZE	DECIMAL	TAP SIZE	DRILL SIZE	DECIMAL	TAP SIZE	DRILL SIZE	DECIMAL	TAP SIZE
1/64	.0156		17	.1730		Q	.3320	3/8-24
1/32	.0312		16	.1770	12-24	R	.3390	
60	.0400		15	.1800		11/32	.3437	
59	.0410		14	.1820	12-28	S	.3480	
58	.0420		13	.1850	12-32	T	.3580	
57	.0430		3/16	.1875		23/64	.3594	
56	.0465		12	.1890		U	.3680	7/16-14
3/64	.0469	0-80	11	.1910		3/8	.3750	
55	.0520		10	.1935		V	.3770	
54	.0550	1-56	9	.1960		W	.3860	
53	.0595	1-64, 72	8	.1990		25/64	.3906	7/16-20
1/16	.0625		7	.2010	1/4-20	X	.3970	
52	.0635		13/64	.2031		Y	.4040	
51	.0670		6	.2040		13/32	.4062	
50	.0700	2-56, 64	5	.2055		Z	.4130	
49	.0730		4	.2090		27/64	.4219	1/2-13
48	.0760		3	.2130	1/4-28	7/16	.4375	
5/64	.0781		7/32	.2187		29/64	.4531	1/2-20
47	.0785	3-48	2	.2210		15/32	.4687	
46	.0810		1	.2280		31/64	.4844	9/16-12
45	.0820	3-56, 4-32	A	.2340		1/2	.5000	
44	.0860	4-36	15/64	.2344		33/64	.5156	9/16-18
43	.0890	4-40	B	.2380		17/32	.5312	5/8-11
42	.0935	4-48	C	.2420		35/64	.5469	
3/32	.0937		D	.2460		9/16	.5625	
41	.0960		E, 1/4	.2500		37/64	.5781	5/8-18
40	.0980		F	.2570	5/16-18	19/32	.5937	11/16-11
39	.0995		G	.2610		39/64	.6094	
38	.1015	5-40	17/64	.2656		5/8	.6250	11/16-16
37	.1040	5-44	H	.2660		41/64	.6406	
36	.1065	6-32	I	.2720	5/16-24	21/32	.6562	3/4-10
7/64	.1093		J	.2770		43/64	.6719	
35	.1100		K	.2810		11/16	.6875	3/4-16
34	.1110	6-36	9/32	.2812		45/64	.7031	
33	.1130	6-40	L	.2900		23/32	.7187	
32	.1160		M	.2950		47/64	.7344	
31	.1200		19/64	.2968		3/4	.7500	
1/8	.1250		N	.3020		49/64	.7656	7/8-9
30	.1285		5/16	.3125	3/8-16	25/32	.7812	
29	.1360	8-32, 36	O	.3160		51/64	.7969	
28	.1405	8-40	P	.3230		13/16	.8125	7/8-14
9/64	.1406		21/64	.3281		53/64	.8281	
27	.1440					27/32	.8437	
26	.1470					55/64	.8594	
25	.1495	10-24				7/8	.8750	1-8
24	.1520					57/64	.8906	
23	.1540					29/32	.9062	
5/32	.1562					59/64	.9219	
22	.1570	10-30				15/16	.9375	1-12, 14
21	.1590	10-32				61/64	.9531	
20	.1610					31/32	.9687	
19	.1660					63/64	.9844	
18	.1695					1	1.000	
11/64	.1719							

PIPE THREAD SIZES			
THREAD	DRILL	THREAD	DRILL
1/8-27	R	1 1/2-11 1/2	1 47/64
1/4-18	7/16	2-11 1/2	2 7/32
3/8-18	37/64	2 1/2-8	2 5/8
1/2-14	23/32	3-8	3 1/4
3/4-14	59/64	3 1/2-8	3 3/4
1-11 1/2	1 5/32	4-8	4 1/4
1 1/4-11 1/2	1 1/2		

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**DECIMAL EQUIVALENTS**

$\frac{1}{64}$ _____	.015625	$\frac{33}{64}$ _____	.515625
$\frac{1}{32}$ _____	.03125	$\frac{17}{32}$ _____	.53125
$\frac{3}{64}$ _____	.046875	$\frac{35}{64}$ _____	.546875
$\frac{1}{16}$ _____	.0625	$\frac{9}{16}$ _____	.5625
$\frac{5}{64}$ _____	.078125	$\frac{37}{64}$ _____	.578125
$\frac{3}{32}$ _____	.09375	$\frac{19}{32}$ _____	.59375
$\frac{7}{64}$ _____	.109375	$\frac{39}{64}$ _____	.609375
$\frac{1}{8}$ _____	.125	$\frac{5}{8}$ _____	.625
$\frac{9}{64}$ _____	.140625	$\frac{41}{64}$ _____	.640625
$\frac{5}{32}$ _____	.15625	$\frac{21}{32}$ _____	.65625
$\frac{11}{64}$ _____	.171875	$\frac{43}{64}$ _____	.671875
$\frac{3}{16}$ _____	.1875	$\frac{11}{16}$ _____	.6875
$\frac{13}{64}$ _____	.203125	$\frac{45}{64}$ _____	.703125
$\frac{7}{32}$ _____	.21875	$\frac{23}{32}$ _____	.71875
$\frac{15}{64}$ _____	.234375	$\frac{47}{64}$ _____	.734375
$\frac{1}{4}$ _____	.25	$\frac{3}{4}$ _____	.75
$\frac{17}{64}$ _____	.265625	$\frac{49}{64}$ _____	.765625
$\frac{9}{32}$ _____	.28125	$\frac{25}{32}$ _____	.78125
$\frac{19}{64}$ _____	.296875	$\frac{51}{64}$ _____	.796875
$\frac{5}{16}$ _____	.3125	$\frac{13}{16}$ _____	.8125
$\frac{21}{64}$ _____	.328125	$\frac{53}{64}$ _____	.828125
$\frac{11}{32}$ _____	.34375	$\frac{27}{32}$ _____	.84375
$\frac{23}{64}$ _____	.359375	$\frac{55}{64}$ _____	.859375
$\frac{3}{8}$ _____	.375	$\frac{7}{8}$ _____	.875
$\frac{25}{64}$ _____	.390625	$\frac{57}{64}$ _____	.890625
$\frac{13}{32}$ _____	.40625	$\frac{29}{32}$ _____	.90625
$\frac{27}{64}$ _____	.421875	$\frac{59}{64}$ _____	.921875
$\frac{7}{16}$ _____	.4375	$\frac{15}{16}$ _____	.9375
$\frac{29}{64}$ _____	.453125	$\frac{61}{64}$ _____	.953125
$\frac{15}{32}$ _____	.46875	$\frac{31}{32}$ _____	.96875
$\frac{31}{64}$ _____	.484375	$\frac{63}{64}$ _____	.984375
$\frac{1}{2}$ _____	.5	1 _____	1.