

Automobile Manufacturers Association

Consolidated Specification Questionnaire

For 1938 Models

Mechanical Details

Make of Car BUICK Model 1938 SERIES 60 - CENTURY
 Name of Maker BUICK MOTOR DIVISION Address FLINT, MICHIGAN
 Date Sept. 20, 1937

NOTE—Only standard equipment included in Factory Delivered price should be included in this questionnaire

ENGINE

No. of cylinders 8
 Valve arrangement In Head
 Bore 3-7/16" Stroke 4-5/16"
 Engine mounted on springs, bolts through rubber or Bolts thru rubber-
 vulcanized rubber and no bolts Front, Vulcanized-Rear
 Rubber mountings—Used at front, rear, or both Both
 Number of 5
 Engine—make and model Own - Series 60
 Cylinder arrangement (angle of Vee in degrees) In line
 Cylinder head, cast iron or aluminum Cast Iron
 Piston displacement 320.2 cu. in.
 Taxable horsepower 37.81
 Maximum brake horsepower at R.P.M. 141 at 3600
 Maximum torque (ft.-lbs.) at R.P.M. 269 at 2000
 R.P.M. with standard rear axle and tires.....
 Compression Ratio—
 Standard 6.35 to 1 Optional.....
 Standard compression pressure—pounds— 130#/sq. in.
 At what R.P.M. 1000
 At cranking speed 113.8#/sq. in.

PISTONS and RINGS

Piston
 Make Buick
 Material Lo-Ex Alloy
 Features—split skirt, invar strut, oval, tin-plated, aluminum oxide
full skirt relieved at pin bosses,
finish, etc. Tri-Slot, Cam Ground, Anodized
 Weight—ounces—without rings, pin or bushing 17.7
 Length 4-7/16"
 Clearance—
 Top Land .021" to .028"
 Bottom Top of Skirt .0017" - .0023"
 No. of grooves in piston 4
 Piston ring groove depth—
 Oil .178" Compression .165"
 No. of oil rings used per piston 2
 Width of oil rings 3/16"
 Width of oil ring gap .010" - .015"
 No. of compression rings used per piston 2
 Width of compression rings Upper 1/8"; Lower 3/32"
 Width of compression ring gap .010" - .015"
 Maximum wall thickness of oil rings .150"
 Maximum wall thickness of compression rings Upper .155";
Lower .150"

RODS and PINS

Wristpin—
 Length 3-1/16" Diameter .8744" to .8749"
 Locked in rod, piston or floating In rod
 Clearance .0003" to .0004" at 70° F.
 Hole finish—ream, diamond bore, broach or ground Diamond Bore
 Connecting rod—
 Length—center to center 8-1/4"
 Material H.R.S. 1045
 Weight—ounces 38.43
 Crankpin journal—
 Diameter 2-1/4" Length 1.306
 Lower bearing—
 Material Babbitt
 Make Own
 Clearance .0008" to .0018"
 End play .005" to .010"
 Shim—solid, laminated or none Solid
 Spun or separate Centrifugally Cast
 Rods and pistons removed from above or below Above

CRANKSHAFT

Front flywheel used Vibration Damper
 Vibration dampener used—yes or no Yes
 Type Laminated steel flywheel supported on
steel leaf springs
 Crankshaft counterweights used, number of 8
 Which main bearing takes thrust Center
 Crankshaft end play .004" - .008"
 Main bearing—
 Material Steel backed babbitt
 Clearance .0007" - .0022"
 Slip-in type or integral
 with cap & case Interchangeable in complete
 Shim—solid, laminated or none Solid sets
 Main bearing journal diameter x length—
 No. 1 2-9/16" x 1-9/32"
 No. 2 2-5/8" x 31/32"
 No. 3 2-11/16" x 1-15/32"
 No. 4 2-3/4" x 31/32"
 No. 5 2-13/16" x 2-15/32"
 No. 6.....
 No. 7.....
 No. 8.....
 No. 9.....

Make of Car **BUICK** Model **1938 SERIES 60** Date **Sept. 20, 1937**

CRANKSHAFT (cont'd)

Crankshaft ~~gear~~ Sprocket
 Make **Own**
 Material **C.D.S. 1112**

CAMSHAFT

Camshaft ~~gear~~ Sprocket
 Make **Own**
 Material **Cast Iron 13-M**

Generator gear—
 Make **--**
 Material **--**

Timing chain—
 Make **Link Belt**
 Number of links **50**
 Width **1"**
 Pitch **500**
 Adjustment—*none, automatic or manual* **None**

VALVES

Intake valve—
 Make **Thompson Products**
 Head— **Streamlined Head**
 Material **3140 or 1050**
 Actual overall diameter **1-25/32"**
 Angle of seat **45°**
 Stem—
 Material **Same as Head**
 Length **4-13/32"**
 Diameter **.3715" - .3725"**
 End style **Split Collar**
 Stem to guide clearance **.0015" to .0035"**
 Lift **.347"**
 * Spring pressure and length—
 With valve closed **42# - 52# Total**
 With valve open **112# - 124# Total**
 Out of engine **Inner 1-7/8"; Outer 2-5/16"**

Exhaust valve—
 Make **Thompson Products or Rich Mfg. Corp.**
 Head—
 Material **Silchrome #1 or 2112**
 Actual overall diameter **1-7/16"**
 Angle of seat **45**
 Is valve seat an insert **No**
 Stem—
 Material **Silchrome #1 or 2112**
 Length **4-7/32"**
 Diameter **.3711" - .3719"**
 End style **Split Collar**
 Stem to guide clearance **.0021" to .0039"**
 Lift **.348"**
 * Spring pressure and length—
 With valve closed **Same as Intake**
 With valve open **Same as Intake**
 Out of engine **Inner 1-7/8"; Outer 2-5/16"**

**Not lower than 32° F... 20-W or 20
 As low as plus 10° F... 20-7

*Closed - Inner 1-21/32; Outer 1-15/16"
 Open - Inner 1-5/16"; Outer 1-19/32"

VALVES (cont'd)

Operating tappet clearance—*intake* **.015"**
 Tappet clearance for valve timing—*intake* **.004"** Valve off Seat
 Operating tappet clearance—*exhaust* **.015"**
 Tappet clearance for valve timing—*exhaust* **.004"** Valve off Seat
 Is valve tappet clearance automatically adjusted **No**
 Valve timing—
 Intake opens **14 degrees** Before upper dead center.
 Intake closes **71** " After lower dead center.
 Exhaust opens **56** " Before lower dead center.
 Exhaust closes **25** " After upper dead center.

LUBRICATION

Lubricating system type—*pressure or splash* **Pressure**
 Oil pressure to—
 Main bearings—*yes or no* **Yes**
 Connecting rods—*yes or no* **Yes**
 Wristpins—*yes or no* **No**
 Camshaft bearings—*yes or no* **Yes**
 Rocker arm—*yes or no* **Yes**
 Timing gear or chain lubrication—*positive or splash* **Positive**
 Oil pump type **Gear (floating screen inlet)**

**Oil grade recommended—*SAE viscosity*
~~SAE~~ Use grade in ~~water~~ accordance with anticipated minimum atmospheric temperature as shown in note.

Normal oil pressure—*lbs. at M.P.H.* **45#/sq.in. at 35**
 Pressure at which relief valve opens **45#/sq.in.**
 Capacity of oil reservoir—*quarts, dry* **9** *refill* **8**
 Oil pressure gauge make **AC**
 Type of oil drain **Plug**
 Oil reservoir gauge type **Stick**
 External oil filter make **None**
 Oil cooler make **None**
 Chassis lubrication—
 Type **High Pressure**
 Make **Lincoln**

FUEL

Gasoline tank—*capacity* **18 Gallons**
 Fuel feed—
 Type—*vacuum tank, electric pump, vacuum pump or camshaft pump* **Camshaft Pump**
 Make **AC** Model **TYPE AB**
 Carburetor— **or**
 Make **Stromberg Marvel** Model **Str. AAV-2; Mar. CD-2**
 Size **Stromberg 1-1/4"; Marvel 1-1/4"**
 Type—
 Up or down draft **DOWN** Single or dual **DUAL**
 Supercharger—
 Make **--** Type **--**
 How driven **--**
 Intake manifold heat control—*manual, automatic or none* **Thermostatic**
 Automatic choke, make **Delco-Remy**

As low as minus 10° F... 10-7
 Below minus 10° F... 10-W plus 10% kerosene

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FUEL (Cont'd)

Air cleaner—intake silencer make AC
 Exhaust pipe diameter 2-1/4"
 Muffler make Walker

COOLING

Water pump—
 Type Centrifugal
 Drive Belt from Crankshaft
 Water circulation thermostat make Harrison
 By-pass for recirculation—yes or no Yes
 Radiator shutter—
 Make --
 Control—manual or automatic --
 Radiator core—
 Type Cellular (Vee type)
 Make Harrison
 Cooling system—capacity, quarts 17
 Water jackets full length of cylinders—yes or no No
 Lower radiator hose—
 Inside diameter 1-9/16" Length Elbow Type
 Upper radiator hose—
 Inside diameter 1-9/16" Length 5-1/4"
 Fan belt—
 Number used One
 Type—flat, vee (give angle of vee) Vee
 Make Goodyear
 Length, outside Width, maximum
 Fan—
 Make Hayes Industries

IGNITION

Ignition unit—
 Make Delco-Remy Model 1110801
 Manual advance, degrees 10 Adv. & 10 Ret. by Octane
 Maximum automatic advance, degrees 22-26 (Selector
 Vacuum advance, degrees 12
 Breaker gap0125" - .0175"
 Cam angle 29° - 32-1/2°
 Timing—breaker points open 6 deg. ~~xxx~~ ~~xxxx~~
~~xxxx~~ (before) top center with ~~xxxx~~
 Octane Selector ~~xxx~~ in the Mid position.
 Timing marks on flywheel, vibration dampener or none Flywheel
 Firing order 1-6-2-5-8-3-7-4
 Ignition coil make Delco-Remy
 Amperage draw of coil—
 With engine stopped 4-1/2
 With engine idling 2-1/2
 Ignition switch make Oakes
 Spark plug—
 Thread—3/8 standard, 10 m.m., 14 m.m. or 18 m.m. 14 m.m.
 Make AC Model 46
 Gap023 - .028
 Ignition cable make Packard

BATTERY

Delco-made by Delco-Remy
 Make Delco-made by Delco-Remy
 Capacity—ampere hours 110 @ 20 hour rate
 Number of plates per cell 17
 Bench charging rate—
 Start Finish
 Which battery terminal is grounded Negative

STARTING MOTOR

Delco-Remy Model 727-W
 Make Delco-Remy Model 727-W
 Normal engine cranking speed
 Lock test—
 Amperage draw 600
 Volts 3
 Torque in foot pounds 16
 No load test—
 Amperage draw 65
 Volts 5 R.P.M. 5500
 Type of drive—Bendix, manual gear,
 overrunning clutch or chain Over-running clutch
 Automatic starting device—
 Make Delco-Remy
 Type Mech. (Solenoid) Accel. Control
 Starting motor pinion meshes front or rear Front
 No. of teeth in flywheel 156
 Face width of flywheel teeth 43/64"
 Flywheel teeth integral or steel ring Steel Ring
 Gear ratio between starter armature and flywheel 17.33-1

GENERATOR

Delco-Remy Model 1101053
 Make Delco-Remy Model 1101053
 Driven by V-belt from crank pulley
 How ventilated Fan
 Field fuse capacity None
 Type—third brush, shunt, etc. Compensated 3rd Brush
 Current regulator, voltage regulator or current and
 voltage control unit Voltage Regulator
 Cutout relay—
 Voltage at closing 6.4 - 7.0
 Armature speed at closing 800 R.P.M.
 Car speed at closing 8 M.P.H. APPROX.
 Amperes to open 0-3.5 Discharge
 Maximum charging rate cold—
 Temperature
 Amperes 27 - 31
 Voltage 8
 R.P.M. 4000
 Maximum charging rate hot—
 Temperature
 Amperes 25 - 28
 Voltage 8
 R.P.M. 4200
 Car speed for maximum charging rate 43 APPROX.
~~xxxx~~
 Charge Indicator Make.....AC

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FUEL (Cont'd)

Air cleaner—intake silencer make AC
 Exhaust pipe diameter 2-1/4"
 Muffler make Walker

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Water pump—
 Type Centrifugal
 Drive Belt from Crankshaft
 Water circulation thermostat make Harrison
 By-pass for recirculation—yes or no Yes
 Radiator shutter—
 Make --
 Control—manual or automatic --
 Radiator core—
 Type Cellular (Vee type)
 Make Harrison
 Cooling system—capacity, quarts 17
 Water jackets full length of cylinders—yes or no No
 Lower radiator hose—
 Inside diameter 1-9/16" Length Elbow Type
 Upper radiator hose—
 Inside diameter 1-9/16" Length 5-1/4"
 Fan belt—
 Number used One
 Type—flat, vee (give angle of vee) Vee
 Make Goodyear
 Length, outside Width, maximum
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IGNITION

Ignition unit—
 Make Delco-Remy Model 1110801
 Manual advance, degrees 10 Adv. & 10 Ret. by Octane
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 Breaker gap0125" - .0175"
 Cam angle 29° - 32-1/2°
 Timing—breaker points open 6 deg. ~~xxx~~ ~~xxxx~~
~~xxxx~~ (before) top center with ~~xxxx~~
 Octane Selector ~~xxx~~ in the Mid position.
 Timing marks on flywheel, vibration dampener or none Flywheel
 Firing order 1-6-2-5-8-3-7-4
 Ignition coil make Delco-Remy
 Amperage draw of coil—
 With engine stopped 4-1/2
 With engine idling 2-1/2
 Ignition switch make Oakes
 Spark plug—
 Thread—3/8 standard, 10 m.m., 14 m.m. or 18 m.m. 14 m.m.
 Make AC Model 46
 Gap023 - .028
 Ignition cable make Packard

BATTERY

Delco-made by Delco-Remy
 Make Delco-made by Delco-Remy
 Capacity—ampere hours 110 @ 20 hour rate
 Number of plates per cell 17
 Bench charging rate—
 Start Finish
 Which battery terminal is grounded Negative

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 Normal engine cranking speed
 Lock test—
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 Amperage draw 65
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LAMPS

Lighting switch make **Delco-Remy**
 Are tail and dash lights in series **No**
 Headlight—
 Make **Guide**
 Beam indicator **Yes**
 Parking light make **Guide**
 Tail and stop light make **Guide**
 Backing light make **None**
 Horn—
 Type—*vibrator or motor* **Vibrator**
 Make **Delco-Remy**
 No. used **Two**
 Amperage draw of each **Rt. (high) 10-12; Lt. (low) 11-13**

CLUTCH

Make **Buick**
 Centrifugal or semi-centrifugal **No**
 How ventilated **Louvre Plate Top Housing**
 Power operated unit—make **None**
 Vibration insulation or neutralizer—*fabric, rubber blocks or springs* **6 Springs**
 No. of clutch driving discs **One and Flywheel**
 No. of clutch driven discs **One**
 Clutch facing—**Make of Disc...Borg & Beck**
 Material—*woven or moulded asbestos* **Woven**
 Inside diameter **6-1/2"**
 Outside diameter **11"**
 Thickness **1/8"**
 No. required **Two**

TRANSMISSION

Transmission—
 Make **Own** Model **Series 60**
 No. of forward speeds **Three**
 Automatic or auxiliary shifting mechanism—
 Make **None**
 Type—*centrifugal, vacuum, electric or hydraulic* **--**
 Automatic overdrive—
 Make **None**
 Oil capacity—*pints* **--**
 Grade recommended—*S.A.E. viscosity*
 Summer **--** Winter **--**
 Gear ratio in high—*standard 5-passenger 4-door sedan* **3.9:1**
 Transmission ratio—
 In overdrive **C --** In second **1.53:1**
 In low **2.39:1** In reverse **2.39:1**
 Constant mesh gears on second **All Helical**
 Spur or helical gears—
 For second speed **--**
 For first speed **--**
 For reverse speed **--**
 Synchronous meshing second and third gears **Yes**

TRANSMISSION (Cont'd)

Transmission oil—
 Capacity—*pints* **2-1/2**
 Grade recommended—*S.A.E. viscosity*
 Summer **160 or 140** Winter **90**
 Universal joints—
 Make **Spicer - Buick Design**
 Number used **One**
 Type—*fabric, rubber, metal with anti-friction bearing or metal with plain bearing* **Metal-Plain Brg.**
 Lubricated with **Automatic from Transmission**
 Drive taken through springs, torque arm, torque tube or radius rods **Torque Tube**
 Torque taken through springs, torque arm, torque tube or radius rods **Torque Tube**

REAR AXLE

Rear axle—*(front axle if front drive)*
 Make **Own** Model **Series 60**
 Type—*semi, full or three-quarter floating* **Semi-floating**
 Minimum road clearance under center of rear axle—*tires inflated* **7-3/4**
 Rear axle oil—
 Capacity—~~max~~ **3 lbs.**
 Grade and type recommended—*S.A.E. viscosity*
 Summer **SAE 90 EP Hypoid** Winter **SAE 90 EP Hypoid**
 Type of bearing—*spiral bevel, worm, hypoid* **Hypoid**
 Gear ratio—*standard 5-passenger 4-door sedan* **3.90:1**
 Optional gear ratios **None**
 Number of teeth—
 In ring gear **39** In pinion **10**
 How is pinion adjusted—*screw or shims* **Shims (fore & aft)**
 How is pinion bearing adjusted—*screw or shims* **None**
 Are pinion bearings in sleeve **No**
 Backlash between pinion and ring gear **.008" to .010"**
 Are pinion bearings preloaded **Front-Yes; Rear-No**

TIRES and WHEELS

Tires—
 Make **U.S. & Firestone**
 Size **15 x 7.00** No. of plies **Four**
 Inflation pressure—*Front 23# cold 25# hot Rear 28# cold 32# hot*
 Axle clearance for jack—*tires inflated*
 Front **--** Rear **--**
 Wheels—
 Type **Demountable Disc**
 Make **Motor Wheel**
 Rim—Diameter **15"** Width **5.50"**

SPRINGS

Front spring—
 Independent or conventional suspension **Independent**
 If conventional, are special radius rods or sway eliminators employed **--**

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SPRINGS (Cont'd)

Type—coil, semi-elliptic or transverse **Coil**
 Make **Own**
 Material **9260 steel**
 If leaf—
 Length Width
 Number of leaves—5-passenger, 4-door sedan
 If coil—
 Free length **14-1/4" App.** Inside diameter **4-3/64"**
 Diameter of wire **.660"**
 Rate for above **103 at wheel** pounds per inch
 Shackled front or rear --
 Anti-shock shackle location --
 Rear spring—
 Independent or conventional suspension **Coil Spring Suspension**
 Type—coil, semi-elliptic or transverse **Coil** (sion)
 Make **Own**
 Material **9260 steel**
 If leaf—
 Length Width
 Number of leaves—5-passenger, 4-door sedan
 If coil—
 Free length **19" Approx.** Inside diameter **5"**
 Diameter of wire **.615"**
 Rate for above **150** pounds per inch
 Spring leaves lubricated with --
 Spring cover make --
 Spring shackles—
 Front—Type -- Make --
 Rear—Type -- Make --
 Spring bolts—
 Type
 Shock absorbers—
 Make **Delco**
 Type—*one way, two way or direct-acting*
 Front - **Double Acting**
 Rear - **Transport-Direct Double Acting**

STEERING

Steering gear—
 Type **Worm & Double Roller**
 Make **Saginaw**
 Ratio **19 to 1**
 Type of linkage—*double tie-rod, single tie-rod, cross or conventional* **Direct Cross**
 Number of turns of steering wheel for full left to right swing of wheels **4.5**
 Car turning radius—*feet—right, left or both*
 Caster—*degrees* **REV. 7/8 ± 3/8** to
 Camber—*degrees* **1/4 Neg to 1 Pos** inches to
 Toe-in—*inches* **0 - 1/16** to
 Crosswise inclination of kingpin—*degrees* **3-1/2 - 4-1/2**
 Steering wheel—
 Make **Inland or Sheller**
 Diameter **18"**

STEERING (Cont'd)

Front axle—
 Make **None** Model
 Section type—*l-beam or tubular* --
 End type—*Elliott or reverse Elliott* **Reverse Elliott**
 Minimum road clearance—*tires inflated* **7-11/32"**
 Under front spring seat (normal load).

BRAKES

Foot brakes—
 Make **Buick**
 Type of mechanism, *hydraulic or mechanical* **Hydraulic**
 If vacuum booster is standard, state make --
 Brake lining moulded, semi-moulded or woven. **Woven on primary & Drum—moulded on secondary.**
 Material **Centrifuse** Diameter **12"**
 Lining—
 Length per wheel **22-11/16"**
 Width **2"** Thickness **3/16"**
 Clearance—*toe* **.010 ± .002"** *heel* **.010" ± .002"**
 Total foot braking area **181.4 sq. in.**
 Percent braking power on rear wheels **47.0%**
 Hand brake location **Under instrument panel-left side.**
 Hand lever operates on—*transmission, separate rear brakes, rear service brakes or all four service brakes* **Rear service**
 Hand brake—
 Internal or external **Same as rear**
 Drum diameter **Service**
 Lining—
 Length per drum **Same as rear service**
 Width **Same** Thickness **Same**
 Clearance **Same as above**

FRAME

Frame—
 Make **A.O. Midland or Smith** Type **Double Drop**
 Type
 Depth—*maximum* **7-1/8"**
 Thickness—*maximum* **1/8"**
 Flange width—*maximum* **2-1/8"**
 Wheelbase **126"**
 Tread—
 Front **58-5/16"**
 Rear **59-1/4"**
 Weight of standard 5-passenger, four-door sedan—
 Shipping **3803# (est)**
 Per cent on front axle **50% Approx.**
 Curb **3849# (est)**
 Price of standard 5-passenger, 4-door sedan
 * First serial number, this series **Flint, 13219848**
 Serial number location. **Right side on top of frame by dash.**

Overall length of car—
 Without bumpers **189-1/32"**
 With bumpers **203-9/16"**

*South Gate, 23238767
 Linden, 33245765

Make of Car BUICK Model 1938 SERIES 60 Date Sept. 20, 1937

NOTE—In giving bearing dimensions, kindly use the following order: inside diameter, outside diameter and width. Where cup and cone bearings are used, give both cup and cone numbers.

BEARINGS

Starting motor commutator end bearing—
 Make or type Cast Iron Plain
 Size or number .5625 ID x .31/32 Long
 Starting motor drive end bearing—
 Make or type Plain Rolled Bronze Graphite
 Size or number .562 ID x .6245 OD x 3/4 Long
 Starting motor ~~axle~~ center bearing—
 Make or type center Rolled Bronze Graphite
 Size or number .757 ID x .8115 OD x 23/32 Long
 Generator commutator end bearing—
 Make or type Plain Bearing
 Size or number .677 ID x .939 OD x 15/16 Long
 Generator drive end bearing—
 Make or type New Departure
 Size or number 901203
 Super-charger—
 Make or type --
 Size or number --
 Clutch throwout bearing—
 Make or type B.C.A. 4768A
 Size or number 1302299
 Clutch pilot bearing—
 Make or type New Departure
 Size or number 907109
 Transmission pocket or spigot bearing—
 Make or type Hyatt
 Size or number 1294780
 Transmission reverse idler bearing—
 Make or type Hard Rolled Brass
 Size or number 553119 (.847"x.987"x1")
 Transmission main shaft front bearing—
 Make or type New Departure - Endee
 Size or number 954144
 Transmission main shaft rear bearing—
 Make or type New Departure
 Size or number 954120
 Transmission countershaft front bearing—
 Make or type Bantam
 Size or number 1298445
 Transmission countershaft rear bearing—
 Make or type Bantam
 Size or number 1298445
 Free wheel unit rear bearing—
 Make or type --
 Size or number --
 Free wheel unit front bearing—
 Make or type --
 Size or number --

Rear axle pinion or worm shaft front bearing—
 Make or type New Departure Double Row
 Size or number 905126
 Rear axle pinion or worm shaft rear bearing—
 Make or type Hyatt
 Size or number OR1506
 Differential right bearing—
 Make or type Hyatt
 Size or number KA11445Z
 Differential left bearing—
 Make or type Hyatt
 Size or number KA 11445Z
 Rear wheel ~~axle~~ bearing—
 Make or type Hyatt
 Size or number OR1502
 Rear wheel outer bearing—
 Make or type --
 Size or number --
 Front wheel inner bearing—
 Make or type New Departure
 Size or number 909042 (cup 909602; cone 909542)
 Front wheel outer bearing—
 Make or type New Departure
 Size or number 909C01 (Cup 909602 - Cone 909501)
 Kingpin upper bearing—
 Make or type Split Bronze
 Size or number 1266949 (.863" x .987" x 1-1/4")
 Kingpin lower bearing—
 Make or type Split Bronze
 Size or number 1266949 (.863"x.987"x1-1/4")
 Kingpin thrust bearing—
 Make or type Nice or Hoover
 Size or number 134630 or 148393
 Front spring—
 Bolt—
 Bushing size --
 Bushing type --
 Shackles—
 Upper end --
 Lower end --
 Rear spring—
 Bolt—
 Bushing size --
 Bushing type --
 Shackles—
 Upper end --
 Lower end --