

1935 Service Information and Adjustments

	<i>Terraplane Special</i>	<i>Terraplane De Luxe</i>	<i>Hudson Six</i>	<i>Hudson Special</i>	<i>Hudson De Luxe</i>	<i>Hudson Custom</i>
<i>Starting Serial No. (U. S. Plant)</i>	51-101	52-101	53-101	54-101	55-101	56-101
<i>Starting Engine No. (All Plants)</i>	103000	103000	70000	55000	55000	55000
<i>Starting Serial No. (Canadian)</i>	C51-101	C52-101	C53-101	C54-101	C55-101	C56-101

	Terraplane Special	Terraplane De Luxe	Hudson Six	Hudson Special and De Luxe	Hudson Custom
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FRONT AXLE

	Type	Elliot	Elliot	Elliot	Elliot
Caster (Actual on Car)	3¼° to 3¾°	3¼° to 3¾°	4° - 4½°	4° - 4½°	4° - 4½°
Max. Variation-Right and Left Ends	½°	½°	½°	½°	½°
Camber	1° - 1½°	1° - 1½°	1° - 1½°	1° - 1½°	1° - 1½°
Toe-in	0 - 1/8"	0 - 1/8"	0 - 1/8"	0 - 1/8"	0 - 1/8"
Spindle Pin Inclination (Angle with Spring Pad)					
Transverse	7°	7°	7°	7°	7°
Forward	1½°	1½°	1½°	1½°	1½°
Steering Spindle Pin Diameter	¾"	¾"	¾"	¾"	¾"
Steering Spindle Thrust Bearing	Ball	Ball	Ball	Ball	Ball
Wheel Bearing-Type	Taper Roller	Taper Roller	Taper Roller	Taper Roller	Taper Roller
End Play	.001" - .003"	.001" - .003"	.001" - .003"	.001" - .003"	.001" - .003"
Tie Rod joint --Type	Ball Trunion	Ball Bearings	Ball Bearings	Ball Bearings	Ball Bearings
Tie Rod Adjustment To Adjust Tie Rod	Screw	Screw	Screw	Screw	Screw
Turn Clockwise - To (As seen from right)	Lengthen	Lengthen	Lengthen	Lengthen	Lengthen
Turn Counter-clockwise To (As seen from right)	Shorten	Shorten	Shorten	Shorten	Shorten

REAR AXLE

Type	Semi-floating	Semi-floating	Semi-floating	Semi-floating	Semi-floating
Ratio - Standard	4.11	4.11	4.11	4.11	4.11
- Optional	4.56	4.56	4.56	4.56	4.56
Pinion Bearings					
Type	Roller	Roller	Roller	Roller	Roller
Adjustment	Shim	Shim	Shim	Shim	Shim
End Play .	.000" - .001"	.000" - .001"	.000-.001"	.000" - .001"	.000-.001"
Differential Bearings					
Type	Roller	Roller	Roller	Roller	Roller
Adjustment	Screw	Screw	Screw	Screw	Screw
End Play	.009" Tension	.009" Tension	.009" Tension	.009" Tension	.009" Tension
Wheel Bearings					
Type	Taper Roller	Taper Roller	Taper Roller	Taper Roller	Taper Roller
Adjustment	Shim	Shim	Shim	Shim	Shim
End Play	.004" - .010"	.004" - .010"	.004" - .010"	.004" - .010"	.004" - .010"
Pinion and Gear					
Adjustment	Shim	Shim	Shim	Shim	Shim
Lash in Gears.	.0005" .003"	.0005" - .003"	.0005" .003"	.0005" .003"	.0005" .003"
Lubrication - Quantity (Pints)	3	3	3	3	3

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BRAKES

Location	4 Wheels	4 Wheels	4 Wheels	4 Wheels	4 Wheels
Operation by	Cables	Cables	Cables	Cables	Cables
Drum Diameter	9"	9"	9"	9"	11"
Drum Material	Alloy Steel	Alloy Steel	Alloy Steel	Alloy Steel	Alloy Steel
Lining-Type	Moulded	Moulded	Moulded	Moulded	Moulded
Width	1¾"	1¾"	2¼"	2¼"	1¾"
Thickness	5/32"	5/32"	5/32"	5/32"	5/32"
Length per Wheel	19-3/16"	19-3/16"	19-3/16"	9-3/16"	23-13/16"
Pieces per Wheel	2	2	2	2	2

Adjustments:

Anchor Pin - Movable	Radially	Radially	Radially	Radially	Radially
Upper Shoe	Eccentric	Eccentric	Eccentric	Eccentric	Eccentric
Lower Shoe	Screw	Screw	Screw	Screw	Screw

Clearance:

Anchor Pin End of Shoes	.010"	.010"	.010"	.010"	.010"
Adj. Screw End of Shoes	.010	.010"	.010"	.010"	.010"
Max. Variation per Shoe	.003"	.003"	.003"	.003"	.003"

CLUTCH

Type - Single Disc in Oil Facing	Yes	Yes	Yes	Yes	Yes
No. Inserts (Cork).	Cork	Cork	Cork	Cork	Cork
Pilot Bearing	90	90	90	108	108
Throwout Bearing	Ball	Ball	Ball	Ball	Ball

Lubrication:

Housing - Type	Hudsonite	Hudsonite	Hudsonite	Hudsonite	Hudsonite
Quantity	1/3 Pint	1/3 Pint	1/3 Pint	1/3 Pint	1/3 Pint
Location of Filler	Front of Flywheel	Front of Flywheel	Front of Flywheel	Front of Flywheel	Front of Flywheel
Throwout Bearing Quantity	1 oz.	1 oz.	1 oz.	1 oz.	1 oz.
Type of Fitting	Zerk	Zerk	Zerk	Zerk	Zerk
Location of Fitting	Right Bell Housing	Right Bell Housing	Right Bell Housing	Right Bell Housing	Right Bell Housing

ELECTRICAL EQUIPMENT

Coil (Ignition):

Make (Autolite)	IG-4616*	IG-4616*	IG-4616	CE-4617	CE-4617
Location	Instrument Panel	Dash	Dash	Dash	Dash

Distributor (Ignition):

Make - Autolite	IGB-4301A**	IGB-4301A**	IGB-4301A**	IGP-4001A**	IGP-4001A**
Drive	Camshaft	Camshaft	Camshaft	Camshaft	Camshaft
Advance	Automatic	Automatic	Automatic	Automatic	Automatic
Breaker Point Gap	.020	.020"	.020"	.020"	.020"
Timing	D. C.	D. C.	D.C.	D. C.	D.C.
Firing Order	1-5-3-6-2-4	1-5-3-6-2-4	1-5-3-6-2-4	1-6-2-5-8-3-7-4	1-6-2-5-8-3-7-4
Lubrication	Light Motor Oil	Light Motor Oil	Light Motor Oil	Light Motor Oil	Light Motor Oil
Quantity	Fill Cup	Fill Cup	Fill Cup	Fill Cup	Fill Cup

* IG-4311 – 1935 Terraplane Commercial

** IGB-4301A – 1935 Terraplane to Eng. #128077, 1935 Hudson 6 to Eng. #73791; IGP-4001A – 1935 Hudson 8 to Eng. #65247
 IGB-4301B – 1935 Terraplane after Eng. #128077, 1935 Hudson 6 after Eng. #73791; IGP-4001B – 1935 Hudson 8 after Eng. #65247

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Electrical Equipment (Cont'd)

Generator:

Make – Autolite Drive	GBk-4601-2* V-Belt	GBK-4602-1 V-Belt	GBK-4602-1 V-Belt	GBK-4602-1 V-Belt	GBK-4602-1 V-Belt
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<i>Belt Adjustment</i>	Swing Mounting	Swing Mounting	Swing Mounting	Swing Mounting	Swing Mounting
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Regulation - Internal - External	Third Brush None	Third Brush Voltage Regulator	Third Brush Voltage Regulator	Third Brush Voltage Regulator	Voltage Regulator
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Charging Rate - Cold - Hot	17 Amps 13 Amps	22 Amps 17 Amps	22 Amps 17 Amps	22 Amps 17 Amps	22 Amps 17 Amps
Lubrication Quantity - each Bearing	Motor Oil 2 Drops	Motor Oil 2 Drops	Motor Oil 2 Drops	Motor Oil 2 Drops	Motor Oil 2 Drops

*GAM-4503 – 1935 Terraplane Commercial; Generator GBK-4602-1 – 1935 Terraplane G, except Commercial:

Lamps:

Bulb Voltage	6-8	6-8	6-8	6-8	6-8
Candle Power and Bases (Contact - Single – S; Double - D)					
Head	21-32 (D)	21-32 (D)	21-32 (D)	21-32 (D)	21-32 (D)
Parking	3 (S)	3 (S)	3 (S)	3 (S)	3 (S)
Dash Signals	3 (D)	3 (D)	3 (D)	3 (D)	3 (D)
Instruments	3 (S)	3 (S)	3 (S)	3 (S)	3 (S)
Stop and Tail	2-21 (D)	2-21 (D)	2-21 (D)	2-21 (D)	2-21 (D)
Dome	15 (S)	15 (S)	15 (S)	15 (S)	15 (S)
Fuse - Headlamp Circuit	20 Amps	20 Amps	20 Amps	20 Amps	20 Amps
Tail Lamp Circuit	20 Amps	20 Amps	20 Amps	20 Amps	20 Amps
Windshield Wiper Circuit	7½ Amps	7½ Amps	7½ Amps	7½ Amps	7½ Amps
Generator Regulator	7½ Amps	7½ Amps	7½ Amps	7½ Amps	7½ Amps

Spark Plugs:

Size	14 m.m.	14 m.m.	14 m.m.	14 m.m.	14 m.m.
Gap	.022"	.022"	.022"	.022"	.022"

Starting Motor:

Make - Autolite Drive	MAB-4060 ¹ Bendix	MAB-4060 ¹ Bendix	MAB-4061 ¹ Bendix	MAB-4061 ² Bendix	MAB-4061 ² Bendix
Control	Solenoid	Solenoid	Solenoid	Solenoid	Solenoid
Lubrication	Motor Oil	Motor Oil	Motor Oil	Motor Oil	Motor Oil
Quantity (Each Bearing)	2 Drops	2 Drops	2 Drops	2 Drops	2 Drops

¹ MAB-4060 – 1935 Terraplane to Eng. #143134, 1935 Hudson 6 to Eng. #76665

¹ MAB-4074 – 1935 Terraplane after Eng. #143134; 1935 Hudson 6 after Eng. #76665

² MAB-4061 – 1935 Hudson 8 to Eng. #63836; MAB-4075 1935 Hudson 8 after Eng. #63836

Battery:

Make	National	National	National	Exide	Exide
No. Plates	17	17	17	19	19
Capacity	105 Amp. Hrs.	105 Amp. Hrs.	105 Amp. Hrs.	125 Amp. Hrs.	125 Amp Hrs.
Dimensions - Length	10-9/16"	10-9/16"	10-9/16"	11-13/16"	11-13/16"
Width	6¾"	6¾"	6¾"	6¾"	6¾"
Height (Overall)	7-13/16"	7-13/16"	7-13/16"	7-11/16"	7-11/16"
Terminal Grounded	Positive	Positive	Positive	Positive	Positive

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ENGINE

Number of Cylinders	6	6	6	8	8
Arrangement	Vertical	Vertical	Vertical	Vertical	Vertical
Bore	3"	3"	3"	3"	3"
Stroke	5"	5"	5"	4 1/2"	4 1/2"
Piston Displacement	212	212	212	254	254
Taxable Horse Power	21.6	21.6	21.6	28.8	28.8
<i>Actual Horse Power:</i>					
Standard Compression	88 @ 3800	88 @ 3800	93 @ 3800	113 @ 3800	113 @ 3800
High Compression	100 @ 3600	100 @ 3600	100 @ 3800	124 @ 3800	124 @ 3800
<i>Compression Ratio:</i>					
Standard	6.00	6.00	6.25	6.00	6.00
Optional	7.00	7.00	7.00	7.00	7.00
Firing Order	1-5-3-6-2-4	1-5-3-6-2-4	1-5-3-6-2-4	1-6-2-5-8-3-7-4	1-6-2-5-8-3-7-4
Engine Mounting	Rubber	Rubber	Rubber	Rubber	Rubber
<i>Camshaft:</i>					
Drive	Gear	Gear	Gear	Gear	Gear
Number of Teeth	56	56	56	56	56
- Camshaft Gear					
- Crankshaft Gear	28	28	28	28	28
Timing Indicated by Marks on	Gears	Gears	Gears	Gears	Gears
<i>Camshaft Bearings:</i>					
Diameter and Length					
No. 1	2x1-3/16"	2x1-3/16"	2x1-3/16"	2-1/32x1-3/8"	2-1/32x1-3/8"
No. 2	1-31/32x1-1/16"	1-31/32x1-1/16"	1-31/32x1-1/16"	2 x 1"	2 x 1"
No. 3	1½x15/16"	1½x15/16"	1½x15/16"	1-31/32 x 1¼"	1-31/32 x 1¼"
No. 4			1-15/16 x 1"	1-15/16 x 1"	
No. 5				1½ x 1½"	1½x1½"
Radial Clearance	.0015"	.0015"	.0015"	.0015"	.0015"
End Play Prevented by	Spring	Spring	Spring	Spring	Spring
<i>Connecting Rods:</i>					
Material	D. F. Steel	D. F. Steel	D. F. Steel	D. F. Steel	D. F. Steel
Weight (Ounces)	29.4	29.4	29.4	29.4	29.4
Length (C to C)	8-3/16"	8-3/16"	8-3/16"	8-3/16"	8-3/16"
Lower End Bearing					
Diameter	1-15/16"	1-15/16"	1-15/16"	1-15/16"	1-15/16"
Length	1-3/8	1-3/8	1-3/8"	1-3/8"	1-3/8"
Clearance	.001"	.001"	.001"	.001"	.001"
End Play	.006"-.010	.006"-.010"	.006"-.010"	.006"-.010"	.006"-.010"
Material	Spun Babbitt	Spun Babbitt	Spun Babbitt	Spun Babbitt	Spun Babbitt
Upper End Bearing					
Diameter	¾"	¾"	¾"	¾"	¾"
Length	15/16"	15/16"	15/16"	15/16"	15/16"
Radial Clearance	.0003"	.0003"	.0003"	.0003"	.0003"
Material	Bronze	Bronze	Bronze	Bronze	Bronze

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ENGINE - (Cont'd)					
<i>Cooling System:</i>					
Circulation by	Pump	Pump	Pump	Pump	Pump
Temperature Control	None	Thermostat	Thermostat	Thermostat	Thermostat
Capacity (Gallons)	4½	4½	4½	5¾	5¾
Upper Rad. Hose - Length	9"	9"	3¼"	7-5/8"	7-5/8"
- Diameter	1-9/16"	1-9/16"	1-9/16"	1-9/16"	1-9/16"
Lower Rad. Hose -Length	9"	9"	3¼"	3¼"	3¼"
- Diameter	1-9/16"	1-9/16"	1-9/16"	1½"	1½"
Pump Drive	V-Belt	V-Belt	V-Belt	V-Belt	V-Belt
Fan Drive	Pump Shaft	Pump Shaft	Pump Shaft	Pump Shaft	Pump Shaft
Belt Adjustment	Generator Mtng.	Generator Mtng.	Generator Mtng.	Generator Mtng.	Generator Mtng.
Pump Bearing Type	Needle Roller	Needle Roller	Needle Roller	Needle Roller	Needle Roller
Lubrication Fitting	Zerk	Zerk	Zerk	Zerk	Zerk
Packing Gland Adjustment	Finger Tight	Finger Tight	Finger Tight	Finger Tight	Finger Tight
<i>Crankshaft:</i>					
Type	Fully Compensated	Fully Compensated	Fully Compensated	Fully Compensated	Fully Compensated
Number of Bearings	3	3	3	5	5
Bearing Material	Bronze Backed Babbitt	Bronze Backed Babbitt	Bronze Backed Babbitt	Bronze Backed Babbitt	Bronze Backed Babbitt
Bearing Diameter and Length					
No. 1	2 11/32x1-5/8"	2-11/32"x1-5/8"	2-11/32"x1-5/8"	2-9/32x1-5/8"	2-9/32x1-5/8"
No. 2	2-3/8x1¾"	2-3/8x1¾"	2-3/8x1¾"	2-5/16"x1-3/8"	2-5/16"x1-3/8"
No. 3	2-13/32x2-3/8"	2-13/32x2-3/8"	2-13/32x2-3/8"	2-11/16x1-7/8"	2-11/16x1-7/8"
No. 4				2 3/8"x1-3/8"	2 3/8"x1-3/8"
No. 5				2-13/32x2"	2-13/32x2"
End Play Taken by Bearing No.	2	2	2	3	3
Bearing End Play	.006"-.012"	.006"-.012"	.006"-.012"	.006"-.012"	.006"-.012"
Bearing Clearance	.001"	.001"	.001"	.001"	.001"
Adjustment Type	Shim	Shim	Shim	Shim	Shim
<i>Fuel System:</i>					
Carburetor - Make	Carter	W1-311S	W1-309S	W1-309S	W-310S
- Type	Down Draft	Down Draft	Down Draft	Down Draft	Down Draft
- Size	1¼"	1¼"	1¼"	1¼"	1¼"
Heat Control	Automatic	Automatic	Automatic	Automatic	Automatic
Choke Control	Automatic	Automatic	Automatic	Automatic	Automatic
Fuel Delivered by	Pump	Pump	Pump	Pump	Pump
Pump Drive from Camshaft by	Cam	Cam	Cam	Cam	Cam
Air Cleaner and Silencer	A. C.	A. C.	A. C.	A. C.	A. C.
Gasoline Tank Capacity (Gal.)	11	15½	15½	15½	15½

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ENGINE - (Cont'd)					
<i>Lubrication System:</i>					
Type - Hudson Duoflo Automatic Pump Type	Yes	Yes	Yes	Yes	Yes
Pump Drive	Oscillating Plunger	Oscillating Plunger	Oscillating Plunger	Oscillating Plunger	Oscillating Plunger
Oil Cooling	Camshaft Baffles in Reservoir	Camshaft Baffles in Reservoir	Camshaft Baffles in Reservoir	Camshaft Baffles in Reservoir	Camshaft Baffles in Reservoir
Oil Filter	Screen	Screen	Screen	Screen	Screen
Screen Mesh	40	40	40	40	40
Capacity – Total (Quarts)	6 Quarts	6 Quarts	6 Quarts	9 Quarts	9 Quarts
- Reservoir (Quarts)	5 Quarts	5 Quarts	5 Quarts	7 Quarts	7 Quarts
<i>Pistons:</i>					
Type	Cam Ground	Cam Ground	Cam Ground	Cam Ground	Cam Ground
Material	Lo-Ex Alum. Alloy	Lo-Ex Alum. Alloy	Lo-Ex. Alum Alloy	Lo-Ex. Alum Alloy	Lo-Ex. Alum. Alloy
Weight (Oz.)	10.5	10.5	10.5	10.5	10.5
Length	3-3/16"	3-3/16"	3-3/16"	3-3/16"	3-3/16"
Pin Center to Top Clearance	1-11/16"	1-11/16"	1-11/16"	1-11/16"	1-11/16"
Skirt	.001"	.001"	.001"	.001"	.001"
Top of Piston	.016"	.016"	.016"	.016"	.016"
Depth of Grooves	5/32"	5/32"	5/32"	5/32"	5/32"
Piston Pin Hole – Size	3/4"	3/4"	3/4"	3/4"	3/4"
Finish	Diamond Bore	Diamond Bore	Diamond Bore	Diamond Bore	Diamond Bore
<i>Piston Pin:</i>					
Type	Floating	Floating	Floating	Floating	Floating
Method of Locking	Snap Rings	Snap Rings	Snap Rings	Snap Rings	Snap Rings
Diameter	3/4"	3/4"	3/4"	3/4"	3/4"
Length	2-7/16"	2-7/16"	2-7/16"	2-7/16"	2-7/16"
Fit in Piston (at 200 ⁰ F.)	.0003"	.0003"	.0003"	.0003"	.0003"
Fit in Rod	.0003"	.0003"	.0003"	.0003"	.0003"
<i>Piston Rings:</i>					
Material	Cast Iron	Cast Iron	Cast Iron	Cast Iron	Cast Iron
Joint – Type	Straight Cut	Straight Cut	Straight Cut	Straight Cut	Straight Cut
Compression Rings – No.	2	2	2	2	2
Width	3/32"	3/32"	3/32"	3/32"	3/32"
Gap	.009-.011"	.009-.011"	.009-.011"	.009-.011"	.009-.011"
Oil Rings – No.	2	2	2	2	2
Width - Upper	3/16"	3/16"	3/16"	3/16"	3/16"
- Lower	3/16"	3/16"	3/16"	3/16"	3/16"
Gap	.009-.011"	.009-.011"	.009-.011"	.009-.011"	.009-.011"

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Engine (cont)

Valves and Tappets:

Inlet Valve – Material	Silicon Steel	Silicon Steel	Silicon Steel	Silicon Steel	Silicon Steel
Head – Outside Diameter	1-3/8"	1-3/8"	1-3/8"	1½"	1½"
Opening	1¼"	1¼"	1¼"	1-3/8"	1-3/8"
Valve Lift	11/32"	11/32"	11/32"	11/32"	11/32"
Stem Length	5-11/32"	5-11/32"	5-11/32"	5-3/32"	5-3/32"
Stem Diameter	5/16"	5/16"	5/16"	5/16"	5/16"
Exhaust Valve – Material	Silicon Chrome Steel	Silicon Chrome Steel	Silicon Chrome Steel	Silicon Chrome Steel	Silicon Chrome Steel
Head – Outside Diameter	1-3/8"	1-3/8"	1-3/8"	1-3/8"	1-3/8"
Opening	1¼"	1¼"	1¼"		1¼"
Valve Lift	11/32"	11/32"	11/32"	11/32"	
Stem Length	5-11/32"	5-11/32"	5-3/32"	5-3/32"	
Stem Diameter	5/16"	5/16"	5/16"	5/16"	
Valve Stem Guides	Removable	Removable	Removable	Removable	
Valve Spring Pressure	53 lbs. @ 2"	53 lbs.	53 lbs.	53 lbs.	
	104 lbs. @ 1-21/32"		104 lbs.	104 lbs.	104 lbs.

SPRINGS

Front - Type	Semi-Elliptic	Semi-Elliptic	Semi-Elliptic	Semi-Elliptic
Material	Chrome Vanadium Steel	Chrome Vanadium Steel	Chrome Vanadium Steel	Chrome Vanadium Steel
Length	31"	31"	31"	31"
Width	1¾"	1¾"	1¾"	1¾"
No. of Leaves	8	8	8	8
Shackle Location	Front	Front	Front	Front
Shackle Type	Self Adjusting	Self Adjusting	Self Adjusting	Self Adjusting
Rear - Type	Semi-Elliptic	Semi-Elliptic	Semi-Elliptic	Semi-Elliptic
Material	Chrome Vanadium Steel	Chrome Vanadium Steel	Chrome Vanadium Steel	Chrome Vanadium Steel
Length	48¾"	48¾"	48¾"	55¾"
Width	1¾"	1¾"	1¾"	1¾"
No. of Leaves	8	8	9	9
Shackle Location	Rear	Rear	Rear	Rear

STEERING GEAR

Type	Worm & Sector	Worm & Sector	Worm & Sector	Worm & Roller
Ratio	15	15	15	16.4
Adjustments				
Worm Shaft	Shims	Shims	Shims	Shims
Cross Shaft	Set Screw	Set Screw	Set Screw	Set Screw
Gear Mesh	Eccentric Cover Screw	Eccentric Cover Screw	Eccentric Cover Screw	Eccentric Cover Screw
Steering Wheel Height	Column Bracket	Column Bracket	Column Bracket	Column Bracket

TIRES

Size - Standard	17x5.50"	16x6.00"	16x6.25"	16x6.50"
Optional	16x6.00"			
Air Pressure Minimum: (Front/Rear)	28/30	22/28	22/28	22/26
Air Pressure 16x6.00 (Front/Rear)	22/28			

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TRANSMISSION

<i>Location:</i>	Unit	Unit	Unit	Unit	Unit
Speeds - Forward	3	3	3	3	3
Speeds - Reverse	1	1	1	1	1
Main Drive Gear Type	Helical	Helical	Helical	Helical	Helical
Countershaft Gear Type	Helical	Helical	Helical	Helical	Helical
Countershaft Second Type	Helical	Helical	Helical	Helical	Helical
Mainshaft Second Gear Type	Helical	Helical	Helical	Helical	Helical
<i>Gear Ratios:</i>					
Low	2.42	2.42	2.42	2.42	2.42
Second	1.61	1.61	1.61	1.61	1.61
High	1.	1.	1.	1.	1.
Reverse	3.30	3.30	3.30	3.30	3.30
Free Wheeling	No	No	No	No	No
<i>Lubricant Capacity (Pts.)</i>	3	3	3	3	3
<i>Bearings:</i>					
Mainshaft Pilot	Ball	Ball	Ball	Ball	Ball
Mainshaft Bearings	Ball	Ball	Ball	Ball	Ball
Mainshaft Pocket Bearing	Roller	Roller	Roller	Roller	Roller
Mainshaft Pocket Thrust Bearing.	Ball	Ball	Ball	Ball	Ball
Countershaft Bearings-Type	Steel Backed Babbitt	Steel Backed Babbitt	Steel Backed Babbitt	Steel Backed Babbitt	Steel Backed Babbitt
Size-Front	.812"	.812"	.812"	.812"	.812"
Rear	.812"	.812"	.812"	.812"	.812"
Clearance	.0005"	.0005"	.0005"	.0005"	.0005"
Second Speed M. S. Gear Type	Steel Backed Babbitt	Steel Backed Babbitt	Steel Backed Babbitt	Steel Backed Babbitt	Steel Backed Babbitt
Diameter	2.188"	2.188"	2.188"	2.188"	2.188"
Clearance	.0005"	.0005"	.0005"	.0005"	.0005"
End Play	.009"	.009"	.009"	.009"	.009"
Reverse Idler Bearings	Bound Brook	Bound Brook	Bound Brook	Bound Brook	Bound Brook
Diameter	.8075"	.8075"	.8075"	.8075"	.8075"
Clearance	.003"	.003"	.003"	.003"	.003"
Mainshaft End Play	.006-.009"	.006-.009"	.0067-.009"	.006-.009"	.006-.009"
Adjustment	Shims	Shims	Shims	Shims	Shims
Shim Location	Front Bearing Cap	Front Bearing Cap	Front Bearing Cap	Front Bearing Cap	Front Bearing Cap
Countershaft End Play	.005-.008"	.005-.008"	.005-.008"	.005-.008"	.005-.008"
Adjustment	Shims	Shims	Shims	Shims	Shims
Location	Rear Bearing Cap	Rear Bearing Cap	Rear Bearing Cap	Rear Bearing Cap	Rear Bearing Cap

WHEELS

Type	Steel Artillery	Steel Artillery	Steel Artillery	Steel Artillery	Wood Artillery
Rim Type	Drop Base	Drop Base	Drop Base	Drop Base	Drop Base
Rim Size-Standard	16x4.00"	16x4.00"	16x4.00" 16x4.00"		16x4.50"
Hub Type	Demountable	Demountable	Demountable	Demountable	Demountable

	Terraplane Special	Terraplane De Luxe	Hudson Six	Hudson Special and De Luxe	Hudson Custom
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CHASSIS AND GENERAL DIMENSIONS

Wheel Base	112"	112"	116"	117"	124"
Tread - Front	56"	56"	56"	56"	56"
- Rear	56"	56"	56"	56"	57½"
Road Clearance					
Front Axle	8-1/8"	8-1/8"	8-1/8"	8 -1/8"	8-8"
Rear Axle	8 ½"	8½"	8½"	8½"	8 ½"
Clearance for Jack (OneTire Flat)					
Front Axle	5½"	5½"	5½"	5 ½"	5 ½"
Rear Axle	6-5/8"	6-5/8"	6 -5/8"	6 -5/8"	6-5/8"
Overall Length (Include Bumpers)					
5 Passenger Closed Cars	186"	186"	190"	190"	197"
5 Passenger Closed Cars with Trunk	188½"	188½"	192½"	192½"	199½"
Coupes	190"	190"	194"	194"	
Overall Height (Loaded)					
5 Passenger Closed Cars	67½"	67½"	67½"	67½"	67½"
Coupe-Business and Rumble	66¼"	66¼"	66¼"	66¼"	66¼"
Coupe-Convertible	63	63"	63"	63"	63"
Overall Width	68"	68"	68"	68"	68"