

GKC-10

R.R. 399A (1011) (52061 11-10-31) J.H.D.

Series *C* Country *INDIA* Engine No. *S-2-A* E.S. No. *A2848*

Steering *C* Fittings *Universal No 8* Speedo. No. *A.T. 1419*

Body *Red Enc. Laminine* Weight *9 1/2 Hecuts* Passengers *6/7 or 4* Luggage *usual*

Springs—Front O.S. *820* N.S. *775* Rear O.S. *1135* N.S. *1134* Gaiters *Wafec*

Key Nos. *96 v 191* Ammeter No. *—* Axle Ratio *11x50*

On Test *1.5.34* Delivered *18.5.34* To *Trucks + Machinery Ltd NM12*

Customer *Allied Motors Ltd for Udaipur State*

Complete Car D/D *2.7.34* Guaranteed Effective *from 1.10.34 No 6396*

E.S. 34	17966	<p><i>Long Type Chassis</i> <i>49156</i> <i>5 Dunlop Fort Silent Head Tyres 31x6"</i> <i>5 Dunlop Wellbase Wire Wheels 19x4 1/2"</i> <i>Spare wheel carrier to offside</i> <i>Luggage grid type 6</i></p>
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H.H. The Maharana Saheb Bahadur of
 Udaipur,
 Udaipur,
 Mewar,
 India.
 GST13/NM15.10.34.

GKC-10

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Vertical Loured Bonnet

Ivory White Steering Wheel + Control Knobs,
Horn Switch and Lever, Brake and Gear Lever Knobs.

Chromium Plated Quadrant on Steering Column

RR Mascot complete with Flagstaff to follow

DWS Jack Handle packed in boxes

Bonnet Hinge Mouldings suitable for Painting

Crassis Despatched per LMS Goods Train 18.5.34

22.6.34 1-12V 6XSM7/1L Type Laid Battery sent direct to Murrey

+ Maberly Ltd by Chlorides London

Finally ~~sent~~ at Murrey + Maberly Ltd 2.7.34

Shipped per ss. "Dalgona" 21.7.34,

London - Bombay. (In 9, ST/16834)

CHASSIS No. GKC-10

BODY.

CHASSIS.

Engine No. S-2-A H.P. 20/25
 Off Test. 18.5.34 D.I. Issued. 12.3.34
 Axle Ratio "x50" Despatched. 18.5.34

Standardised Enc. Limonine
 Body Drawing No. 5830
 Makers Krupp & Nibel Ltd.
 Order No. 2927 Date. 26.6.34
 Copy Dwg. to.....on.....

Price - £ 1050 : : :
25%

Date of Sale. 20.2.34
 Sold to Allied Motors Ltd.
High St. Bombay-6
Co. Madras State

TRIMMING & PAINTING.

Colours Bonnet, body panels and wheels in Wilcolac Brincliff green.
Wings, under and upper parts black.
 Upholstery Front and rear compartments in green leather (square style)
Headlining in thin leather to match upholstery.
 Coachbuilders Instructed

For delivery Class 2 West Ind. Clear in India Sept

CAR ORDER FORM No. 172

DRAWING BOOK No.

DEPOSIT PAID £ 5000 : : : :
 DATE 18/5/34

BALANCE OF CHASSIS PRICE PAID £ : : : :
 DATE 18/5/34

BALANCE OF CAR PRICE PAID ... £ 1377 : - : - :
 DATE 25.6.34

INVOICE No. 4136 £ 1377 : 0 : 0 :
 DATE 25.6.34

Ln. 3282 dated 18.9.34. 5% disc to Allied Motors £52-10-0

CHASSIS DELIVERED ON 18.5.34 TO T.A. BY Car's goods train

CAR DELIVERED ON.....TO.....BY.....

SHIPPING PARTICULARS To Bombay via "Dalgona" 21.7.34 from London

CHASSIS DRAWING SENT TO As advised 8.3.34

GUARANTEE No. 6396 DATED 1.10.34 SENT India TO.....

INSTRUCTION BOOK ISSUED TO.....

ERECTION SHEET No. A 2848 DATED 8.3.34 SENT TO W. 8.3.34

SUB-FRAME.....

STEERING COLUMN. C

SPRINGS FOR BODY WEIGHING:— 9 3/10 cwt + 32 lbs for accessories in addition to wheel carrier + luggage grid.

PASSENGERS: MAX. 4/7 USUAL 4

LUGGAGE: MAX. usual USUAL usual

CAR TO BE USED IN India

	Order No.	£	s.	d.	Disc.	Invoice Folio
Chassis Wheel Base <u>Long</u>	17906					3920.0 4136
Chassis Fittings <u>interchangeable</u>						
Radiator Shutters						
Speedometer <u>Grey white finish steering wheel and control knobs.</u>		5			10%	4136
Bonnet <u>Lined</u>						
Wheels <u>5 Dunlop 19" x 4 1/2"</u>						
Tyres <u>5 Dunlop Silent Road Pac 412</u>						
Spare Wheel Carriers <u>1 on offside</u>						
Luggage Grid Type		9	9		25%	4136
Mascot <u>with flag staff</u>	712	14	10		15%	4136

Bel and JLG advised 10.3.34

LILLIE HALL ADVISED JG

Rain style upholstery, leather head lining and:-

Instrument board covered in thin leather to match colour scheme.

Flag lamp in centre of scuttle with state monogram in blue on RD-370-SF red glass. (to match wing lamps)

Wiring and fitting lamp.

Small electric fan to rear compartment above centre partition

Roof ventilator in rear compartment.

Silk curtains to match upholstery with spring rollers, to rear compartment and partition.

2 sets of cushion covers (silk) to match paintwork.

Driving mirror

Windscreen wiper

Setting do.

Toughened Triplex glass throughout. - allowance in respect of triplex plate glass.

Windscreen in 1 piece - opening

Division in 2 pieces to slide horizontally. Provision to be made so that glasses can be removed if desired.

Folding arm rest to rear seat.

2 occasional small seats facing sideways to be concealed when not in use.

Ventilator - 1 either side of scuttle.

12 silk flags as pattern @ 1/6 each

Bumpers front and rear ... Cee type to rear.

Lucas lighting set with electrical dipping headlamps.

Wiring up.

Cover Horn

Finishes & fillets metal - sprayed to match upholstery.

Pull up handles as on GYZ-3

Rain style upholstery. - - - - - seal-on

Wheels to be cellulosed green as on GYZ 3

Collecting, packing and shipping London to Bombay.

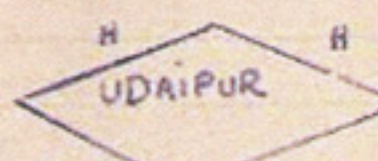
Marine insurance to value of £1750.0.0 @ 1/8%

To be shipped in bond.

Sides of case to be marked "H.H. The Maharaja Sahib of Udaipur".

In addition to invoices made out to Allied Motors another set of invoices are required made out in name of H.H. for Customs purposes.

Policy and Stamp.



CHASSIS No. SKC-10.

BOMBAY
IN BOND

The retail invoice to be made at @ £1560 for complete car plus items marked (X) Extra also £-13/6 Extra for flagstaff to mascot. (with £5.00 for triplex glass not supplied)

733	⊗	15	-	-	✓ 15%	4136
So 2951					✓ 15%	4136
733	⊗	3	15	-	✓ 15%	4136
678	⊗	-	12	6	✓ 15%	4136
733	⊗	5	-	-	✓ 15%	4136
-	⊗	8	10	-	✓ 15%	4136
-	⊗	-	-	-	-	-
-	⊗	12	12	-	✓	4136
-	⊗	29	8	-	✓	4136
So 2951		1	3	-	✓ 25%	4136
677	So 2951	6	5	-	✓ 15%	4136
733		5	-	-	-	4136
733	⊗	6	18	-	✓ 15%	4136
679	⊗	16	15	-	✓ 15%	4136
So 2951		20	-	-	✓ 25%	4136
678		-	-	-	-	-
So 2951		4	10	-	✓ 27%	4136
733	⊗	10	-	-	✓ 15%	4136
733	⊗	3	2	6	✓ 15%	4136
743	⊗	67	-	-	✓ 15%	4136
743	⊗	5	16	8	✓ 15%	4136
743	⊗	-	2	6	✓ 15%	4136

GKC-10

Type **LONG** Date on Test **1.5.34** Customer **Allied Motors - Udaipur**
INDIA. State.

Date	PARTICULARS OF ORDER	O/No.	O.K.
11.4.34	C Steering	9156	HL
"	Sales Specif: Standardised Enc. Limousine 9 1/2 - 10 cwt.		
"	Pass. 6-7. Aw. 4. Lugg. usual. Aw. usual. Acc. 32 lbs.		
13.4.34	D/O Specif: Standardised Enc. Limousine 10 cwt.		HL
"	Pass. 6. Lugg. 1 cwt. Acc. 32 lbs. Un-tarnish. No. 8.		HL
23.4.34	Springs: - 950 800 1100 1100.		HL
13.4.34	Dunlop wire fitellbase wheels 5		HL
"	5-31x6 Dunlop Fort Silent Tread Tyres.		HL
17.4.34	Ivory white Steering wheel & control knobs, Horn		HL
"	Switch Hoover, Bracket & gear Lever knobs.		HL
"	Chromium plated Quadrant on Steering column.		HL
"	Luggage grid type 6.		HL
"	Spare wheel carrier Offside.		HL
"	Vertical Louvered Bonnet.		HL

C.H. Cards by J. Wilson Date 18.5.34 Remarks Correct
 Guarantee effective from 1.10.34 Date Despd. 18.5.34 Recorded by B.H.H.
P.T.O.

RR 316 (10H) (44000-20-4-33) BM 3/9607/9.

S 2 A
11 X 50

Date	Particulars of Order	O/No.	O.K.
17.4.34	Bonnet mouldings suitable for painting.	9156	HL
4.5.34	R.R. Mascot complete with flagstaff (size of flagstaff 5 1/2 x 1/2) flagstaff set at angle to correspond with pose of Mascot.		HL

REMARKS.

x Bonnet with Vertical Louvers Lot E59484
 Dash to suit per Req/MSB4/M16434
 Ivory White Steering Wheel + Control Knobs, Horn Switch + Cover
 + Brake & Gear Lever Knobs. Chrom plated Quadrant on Stg Column
 See Req/MSB4/M16434
 • Roll mascot cap complete with flag staff per Req/CS9/EH17524
 dtd to Lillian Hall to complete Chassis B/S X 806 18.5.34

Chassis No. G.K.C 10. Series "C2"
 Finish:—No. 8, Untarnishable. Type:—Long.

Ammeter.....No.	D73759	Type B.M.-Lucas
Autovac and Piping.....L.O.P.	F58088	No.F.532356-P.H.D.
Ballast Resistance.....L.O.P.	D70843	-
Battery Box and Fittings...L.O.P.	D54077	Type EXIDE. ✓
Bonnet <u>VERTICAL LOUVRES</u>L.O.P.	E59470	No.T.Q.Y. -
Carburetter.....L.O.P.	E55795	No.S.2.A. ✓
Carburetter Air Silencer...L.O.P.	E59457	
Controls.....L.O.P.	E56814	
Condenser.....L.O.P.	D71505	No.L.3.G.X. ✓
Cylinders.....L.O.P.	E59674	No.S.2.A. ✓
Cylinder Bore Sizes.....	STANDARD. ✓	
Crankcase.....L.O.P.	E59591	No.S.2.A. ✓
Crankshaft.....L.O.P.	EB45	No.S.2.A. ✓
Camshaft.....L.O.P.	E59709	No.S.2.A. ✓
Clutch and Flywheel.....L.O.P.	G54793	No.S.2.A. ✓
Conn. Rods.....L.O.P.	EB864	No.S.2.A. ✓
Cross Steering Tube.....L.O.P.	G55683	Cent.49.650 No.R.S.B. ✓
Dash. Brkts., Footb'rds, etc.L.O.P.	F59729	No.M.6.G. Type.C. ✓
Distributor.....L.O.P.	D51618	No.S.3.A. ✓
" & W.P. Drive...L.O.P.	E50308	
Dist. Board and Cut-out...L.O.P.	D53736	No.N.2.F. ✓
Dynamo.....Gen. Argt.	D53843	No.S.2.A. ✓
Dynamo Suspension.....L.O.P.	D50610	
" and Mag. Drive...L.O.P.	E55904	
Engine.....No.	S.2.A. ✓	
Equalising Mechanism—		
Rear Brake, Foot.....L.O.P.	G54804	No.P.9.D. ✓
" Hand.....L.O.P.	G54801	No.P.9.D. ✓
Front Brake, Foot.....L.O.P.	G54805	No.S.9.Z. ✓
Exhaust Fittings.....L.O.P.	E59326	No.S.3.Z. DOWN PIPE. ✓
Front Apron.....L.O.P.	F58361	J.8.T. SILENCER. ✓
Fan.....L.O.P.	E53250	No.M.9.G. ✓

Frame and FittingsL.O.P. F58577 No. P.H.D. ✓
 „ DrillingD.R.G. F59832/3 ✓
 Front Axle and BrakesL.O.P. G55813 No. R.8.B. ✓
 Gear-boxL.O.P. G54794 No. S.8.A. ✓
 „ 1st & 3rd Mot. Shft. L.O.P. G54796 ✓
 „ 2nd Motion Shaft ..L.O.P. G54798 ✓
 „ Reverse ShaftL.O.P. G54799 ✓
 Governor and Drive.....L.O.P. E50880 No. S.3.A. ✓
 Head Lamp FittingsL.O.P. D52452 ✓
 Ignition Coil.....L.O.P. D72503 No. S.3.A. ✓
 Idler GearL.O.P. E54731 No. S.2.A. ✓
 Inlet Pipes.....L.O.P. E54373 No. R.2.B. ✓
 Instrument BoardL.O.P. D54203 ✓
 Junction Box.L.O.P. D50718 ✓
 Junction Box. ^{(Body} Lighting)L.O.P. D50833 ✓
 *Horn Switch.....L.O.P. F80482 ✓
 Lucas Horn and FittingsL.O.P. F84405 Type. H.F.733 ✓
 Luggage Grid.....L.O.P. D52410 ✓
 MagnetoNo. 134891 ✓ Watford R.W.1 ✓
 Mascot and CapL.O.P. ~~E56364~~ ✓
 Oil Fittings.....L.O.P. E55089 ✓
 „ PumpL.O.P. E53658 No. S.2.A. ✓
 „ „ on Dash, etc.....L.O.P. F100279 No. P.8.D. ✓
 „ FilterL.O.P. E55885 No. S.2.A. ✓
 „ FillerL.O.P. E51448 No. S.2.A. ✓
 „ Sump Indicator L.O.P. E50280 No. S.2.A. ✓
 Oil Pipes & Fittgs.
 (Cnt. Lub.)L.O.P. F59723 ✓
 Petrol TankL.O.P. F58195 No. P.8.D. ✓
 PedalsL.O.P. F58013 Type. C. ✓ No. Q.9.C. ✓
 PistonsL.O.P. E57889 Av. W. 1 1/4 025 No. S.2.A. ✓
 Prop. Shaft.....L.O.P. G54802 No. N.3.F. ✓
 Push Button Switch L.O.P. D73228 ✓
 RadiatorL.O.P. E56831 No. L.8.H. ✓
 Rad. Shutters and
 ControlsL.O.P. E56828 No. L.8.H. Finish,
 Staybrite. ✓

Resistance UnitL.O.P. D53745 ✓
 Rear AxleL.O.P. G54309 Ratio. 11x50. No. P.7.D. ✓
 Rear Hubs.....L.O.P. G54619 ✓
 „ BrakesL.O.P. G54884 ✓
 Spring DriveL.O.P. E54745 No. S.2.A. ✓
 Speedometer ~~D.54.148.~~ No. I.419. ✓ Type. Smith ✓
 „ Drive.....L.O.P. G54795 No. S.8.A. ✓
 Shock Absorbers (Ft.) L.O.P. F59671 No. O/SQ.7.C. N/SQ.7.C. ✓
 Anchorage for ditto...L.O.P. F59645 No. P.9.D. ✓
 Shock Absorbers (R.) L.O.P. F59670 No. O/SP.4.D. N/SP.4.D. ✓
 *Side Lever Mech.L.O.P. G55587 No. S.8.A. ✓ Type C. ✓
 Side Steering Tube ..L.O.P. F56003 Cent. 24.400. No. P.2.D. ✓
 Starting Handle.....L.O.P. E56854 ✓
 Servo Mechanism ...L.O.P. G54808 No. S.8.A. ✓
 „ DriveL.O.P. G54797 No. S.8.A. ✓
 „ Countershaft ..L.O.P. G54806 No. S.8.A. ✓
 Sp. Wh. C. (R.)L.O.P. Not Fitted. ✓
 „ (Side) O/S. L.O.P. D.53818. ✓
 Self Starter Gen. Argt. D51632 No. S.6.A. ✓
 Self Starter Drive.....L.O.P. D52214 ✓
 Starter Switch (Main)L.O.P. D100208 No. L.6.H. ✓
 *Steering ColumnL.O.P. F58034 Rake C. No. P.2.D. ✓
 SwitchboardL.O.P. D53718 Key 96.V.191. No. L.8.H. ✓
 ThermometerDRG. D73764 Type. Smith. ✓
 Torque Reaction Damper L.O.P. E53049 No. L.3.H. ✓
 Tie RodsL.O.P. F53240 No. P.4.D. ✓
 UndersheetL.O.P. G54571 No. P.H.D. ✓
 Valves and FittingsL.O.P. E55577 ✓
 Wiring (Ignition).....L.O.P. E53204 ✓
 „ (Installation)L.O.P. D54001 ✓
 Water PumpL.O.P. E58437 No. T.8.Y. ✓
 Water ConnectionsL.O.P. E57259 ✓
 Wheelcase and FittingsL.O.P. E53737 No. S.2.A. ✓
 Wing Stays.....L.O.P. F57335 No. P.H.D. ✓
 Wheels (Road)Size, 19" Rim. Type G54809. ✓

SPRING TEST CARD. See Instructions Re Spring Tests.

Body—Type..... *Commercial* .. Weight... *1120* ..lbs.
 Passengers—No..... *3* .. Total Weight... *442* ..lbs.
 Standard Spares..... Weight... *48* ..lbs.
 Luggage on Grid..... Weight... *56* ..lbs.
 Extras on Chassis *Wheel off side* .. Weight... *65* ..lbs.
 " " " *accus* .. Weight... *22* ..lbs.
 " " " .. Weight... ..lbs.
 Load on Chassis Total Weight... *1783* ..lbs.
 Standard Chassis (No load with Oil, Petrol, Water, Tyres) Weight... ..lbs.
 Complete Car Total Weight... ..lbs.
 Distance of Load from Rear Axle... *33* ..ins.
 Max. Load Period... *approx 90* ..per min.

Spring	Camber	Buffer to Axle	Frame to Ground	Frame to Axle
Front "Near"	<i>-2°</i>	<i>2"</i>	<i>22"</i>	<i>6-75</i>
Front "Off"	<i>-2°</i>	<i>2 1/16"</i>	<i>22-125</i>	<i>6-8/105</i>
Rear "Near"	<i>-125°</i>	<i>4-1</i>	<i>93-625</i>	<i>7-5</i>
Rear "Off"	<i>-125°</i>	<i>4-1</i>	<i>93-625</i>	<i>7-5</i>

Axle Height		Loaded Clearance	
Front	Rear	Under Flywheel Guard	Under Silencer Snout
<i>15"</i>	<i>14-75</i>	<i>9-1</i>	

Date..... *8/5/34* .. Tests taken
 By..... *H. Slipman* ..

RR 30G (1931) (43715/14-3-33) Bm 3/9412-25.

CARRIAGE SPRINGS.

P.4.D. Chassis No. *G.K.C.10*

	Drawing No.	No. of plates	Thickness over all	Initial unloaded Camber after test "Z" dimension	Normal load Camber	Load for normal load Camber	Length "L" at normal load Camber
Front "near"	<i>F58594</i>	<i>10</i>	<i>2 3/8</i>	<i>2.28</i>	<i>.25</i>	<i>775</i>	<i>38</i>
Front "off"	<i>F58595</i>	<i>---</i>	<i>2 7/16</i>	<i>2.25</i>	<i>---</i>	<i>820</i>	<i>---</i>
Rear "near"	<i>F58600</i>	<i>---</i>	<i>2 1/16</i>	<i>4.67</i>	<i>.5</i>	<i>1134</i>	<i>56</i>
Rear "off"	<i>F58600</i>	<i>---</i>	<i>2 1/16</i>	<i>4.63</i>	<i>---</i>	<i>1135</i>	<i>---</i>

W. G. Galters
 Springs fitted to drawing Nos..... Front *F58594/59702* Rear *F58597/58137*
 Date fixed on chassis... *25-4-34* By... *D. Graves*
 Thickness rubber buffer, rear... *1"* of front... *1.25/1.350*
 Makers of springs... *AP Luths*
 Inspected by... *A. Robert/89* Date... *25-4-34*
W. G. Galters

**CHASSIS TESTED FOR ACCELERATION, ETC.,
AT FULL LOAD ON ALL GEARS AS BELOW.**

Max. Torque	121	lbs. at	1,000	r.p.m.	
3rd Gear 10 min.	2000	revs.	X	X	
2nd "	10	"	X	228	
1st "	10	"	X	228	
Top "	5	500	X	X	
"	5	750	112	116	
"	5	1000	115	121	
"	5	1500	111	116	
"	10	2000	105	109	
"	5	2500	96	99	
"	10	2750	93	95	
3rd "	3	3000	120	123	
"	2	3250	110	112	
"	2	3500	99	99	
"	2	3750	X	X	
"	2	4000	X	X	
Top "	Mag. at	750	X	115	
"	"	2750	X	95	

RR 298C/1 (10H) (47552 (3-9-39) BW 3/9855
 Chassis No. **KRC-10**
 DYNAMOMETER TEST. 25 H.P.

Petrol Consumption..... 33 pints per hour.
 Water Flow at 80° C. 5 gals. in 4 min. 37 sec.
 Timing Battery... B.A.1 Magneto... M.A.1
 Consumption and Radiation, Top Gear, Full Power, 2000 r.p.m.
 Radiator..... 2 °C. Air Inlet..... 37 °C.
 Oil Pressure... 27 lb./sq. in.
 Cylinder Lubrication..... Bar 7.59 m/m
 Condition of Plug after Test... KRC's
 Diameter of Test Wheels... 33 ins.
 Axle No... 37 A Ratio 1/1.50 Heating...
 Engine No... S 2 A Gear Box No... S 6 A
 REMARKS:— Engine Freedom... Good

1st gear full load 360 lbs.

Tests taken by... *J. Foley* Date 1/5/34
 Accepted by... *J. Foley* Date 1.5.34

