

E-7

TOYOTA LAND CRUISER CHASSIS GENUINE PARTS

MODEL FJ28, 28L



TOYOTA MOTOR

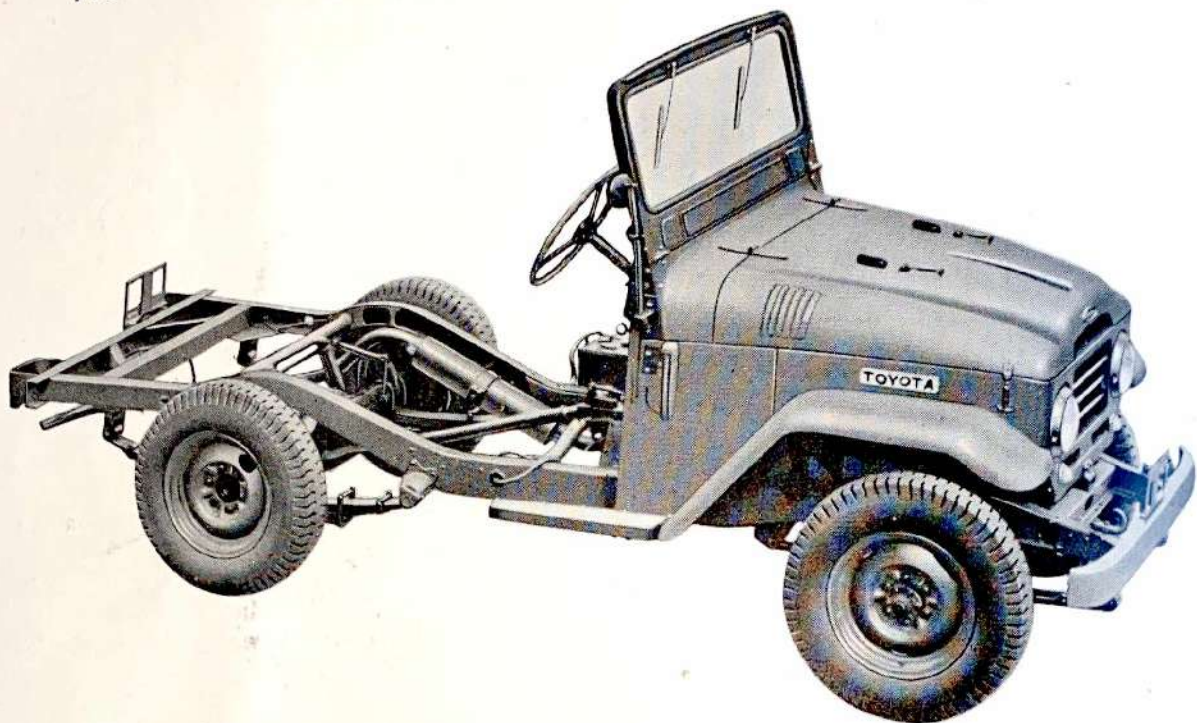
INSTRUCTION

(In use of this catalog)

1. This PARTS CATALOG covers all the spare parts for the following Chassis Models:
Model FJ28 Toyota land cruiser chassis, RHD
Model FJ28L Toyota land cruiser chassis, LHD
2. In this catalog, grouping of parts is so arranged and illustrations are so given according to functional sections of chassis.
3. All the sub-component parts for complete assembly are illustrated in the corresponding figures with marks such as A, B, AA, AO, etc.
4. In the column for "MODEL" of each page, all model names to which the respective Parts are fit, are given in the column.
5. Part number and figure number index is provided in the back pages of this catalog.
6. Covering Standard Tools and Special Tools (S.S.T), listed in the back page of this catalog.
7. Metric system is followed in the manufacture of all Toyota Parts.
8. Parts numbers are subject to change without notice.

TOYOTA MOTOR CO., LTD.
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FIG.—1 TOYOTA LAND CRUISER CHASSIS MODELS FJ28 AND FJ28L



SPECIFICATIONS OF TOYOTA LAND CRUISER CHASSIS MODELS FJ28 AND FJ28L

Year of model	1958
Overall length	4,153mm
Overall width	1,665mm
Overall height	1,813mm
Wheelbase	2,430mm
Tread, front	1,390mm
Tread, rear	1,350mm
Ground clearance	210mm
Overhang (Up to the end of frame)	928mm
Chassis weight	1,310kg
Min. turning radius	6.4m

FIG.—2 MODELS FJ28 AND FJ28L CHASSIS



Fuel tank capacity	57 litre
Tire, front	6.50-16-6ply rating
Tire, rear	6.50-16-8ply rating
Engine	Model F, gasoline
Clutch	Dry, single plate type with centrifugal weights and rubber vibration damper.
Transmission with transfer	Third and top syncro-mesh, four speeds forward and one reverse.
Propeller shaft	Universal joint, four cross type.
Differential	Banjo type.
Front axle	Full-floating type.
Rear axle	Semi-floating type.
Brake	Hydraulic, internal expanding four wheels.
Hand brake	Mechanical duo-grip type, propeller shaft.
Spring	Semi-elliptic leaf type.
Frame	Girder type.

Summary	Figure-number	Page	Summary	Figure-number	Page
ENGINE GROUP					
Engine assembly	5	10~11	Fuel pump (Aisan)	18	40~44
Cylinder head	6	12~14	Fuel pump (Nikki)	18	"
Cylinder block	6	"	Carburetor	19	45~48
Valve cover	6	"	Gasoline tank	20	49~50
Oil pan	6	"	Accelerator link	21	51~53
Timing case	6	"	Generator	22	54~56
Clutch housing	6	"	Voltage regulator	23	57~58
Engine mounting	6	"	Starter motor	24	59~61
Crankshaft	7	15~17	Magnet switch	24	"
Connecting rod	7	"	Distributor	25	62~63
Piston & ring	7	"	Vacuum controller	26	64
Flywheel	7	"	CHASSIS GROUP		
Camshaft & gear	8	18~20	Clutch	27	65
Valve & stem guide	8	"	Clutch & fork	28	66~67
Valve rocker	8	"	Clutch, brake pedal	29	68~70
Oil pump	9	21~22	Release cylinder	29	"
Oil distributor	10	23~24	Master cylinder (Clutch)	30	70~71
Oil delivery pipe	10	"	Master cylinder (Brake)	30	"
Oil cleaner	11	25~26	Transmission	31	72
Water pump	12	27~28	Transmission case & cover	32	73~75
Thermostat	12	"	Gear shift lever & fork	32	"
Radiator & fan	13	29~30	Transmission gear	33	75~77
Ignition coil & cord	14	31~33	Transfer	34	78
Battery & earth band	14	"	Transfer case & cover	35	79~81
Manifold	15	34~35	Transfer gear & shift lever	36	81~83
Heat damper	15	"	Speedometer gear	36	"
Exhaust pipe	16	36~37	Center brake	37	84~85
Muffler	16	"			
Air cleaner	17	38~39			
Fuel pump (Kyosan)	18	40~44			

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Summary	Figure-number	Page	Summary	Figure-number	Page
Propeller shaft	38	86~87	Frame	55	123~125
Universal joint	38	"	Bumper	55	"
Rear axle	39	88	Battery bracket	55	"
Rear axle housing	40	89~91	Pintle hook	56	125~126
Stabilizer	40	"	SHEET METAL GROUP		
Differential (Rear)	41	91~93	Bonnet cover & catch	57	123~131
Rear axle shaft	42	94~95	Radiator cover & cowl	57	"
Drum & disc wheel	42	"	Front fender & step	57	"
Front axle	43	96	Mark	57	"
Front axle housing	44	97~99	INSTRUMENT GROUP		
Differential (Front)	45	99~101	Instrument panel & pocket	58	131~133
Front axle shaft & bearing	46	101~103	Meter & switch	58	"
Front axle hub & knuckle	46	"	ELECTRICAL GROUP		
Drum & disc wheel	46	"	Wire harness	59	134~135
Tie-rod & tie-rod end	47	104~106	Fuse box & junction block	59	"
Relay-rod & drag link	47	"	Clamp & lead gum	59	"
Center arm	47	"	Head light	60	136~137
Steering damper	47	"	Stop lamp	60	"
Steering	48	107	Rear turn signal lamp	60	"
Steering gear box	49	108~111	Tail & stop lamp	61	138~139
Steering wheel	49	"	Parking lamp	61	"
Steering bracket	49	"	Parking & turn signal lamp	61	"
Front flange plate & brake shoe	50	112~113	Trailer socket	62	140~141
Rear flange plate & brake shoe	50	"	Back lamp switch	62	"
Front wheel cylinder	51	114~115	Dimmer switch	62	"
Rear wheel cylinder	51	"	Inspection lamp	62	"
Oil brake pipe clamp	52	115~117	Flasher	63	142~144
Front spring	53	118~120	Horn & horn relay (Denso)	64	145~147
Front shock absorber	53	"	Horn & horn relay (Maruko)		
Rear spring	54	120~122			
Rear shock absorber	54	"			

Summary	Figure-number	Page	Summary	Figure-number	Page
BODY GROUP			TOOL GROUP		
Ventilator	65	148~149	Standard tool	67	154
Front window	66	150~152	Standard tool	68	155
Window wiper	66	"	Special service tool	69	156~159
Back mirror	66	"	Special service tool	70	"
Winker	66	"	Special service tool	71	"

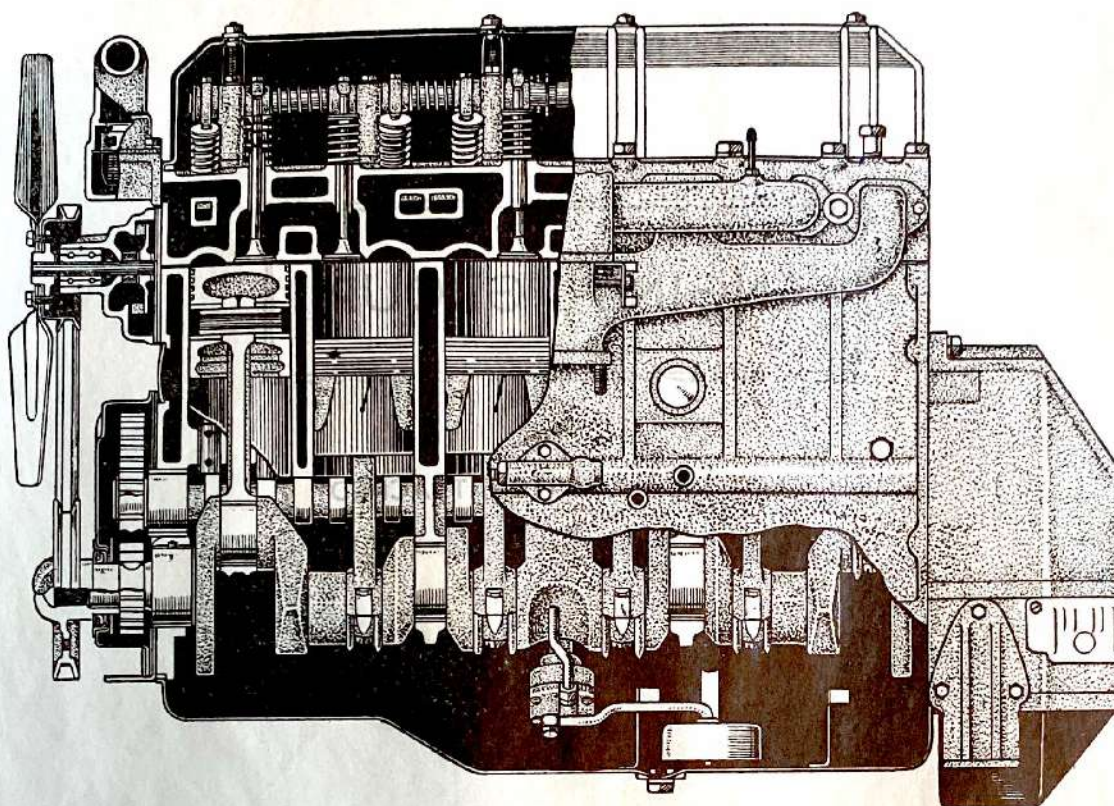
ENGINE GROUP

(ELECTRICAL PARTS ATTACHED)

ENGINE MODEL F OF SPECIFICATIONS

Model	Water cooled, forced circulation
Cylinders	6 cylinders, 4 cycle, valve-in-head
Base Stroke	90mm x 101.6mm
Piston displacement	3.878cc
Compression ratio	6.8
Max horsepower	105HP at 3,200 r.p.m.
Max torque	27kg-m at 2,000 r.p.m.
Fuel consumption	232g/HP-h
Combustion chamber	Special type

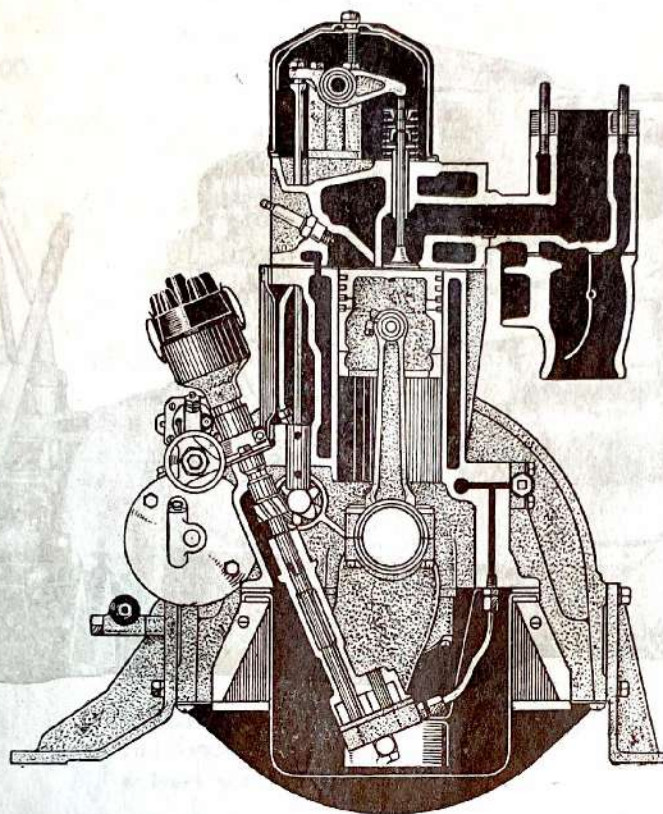
FIG.—3 SECTION OF MODEL F ENGINE



SPECIFICATIONS OF ENGINE MODEL F

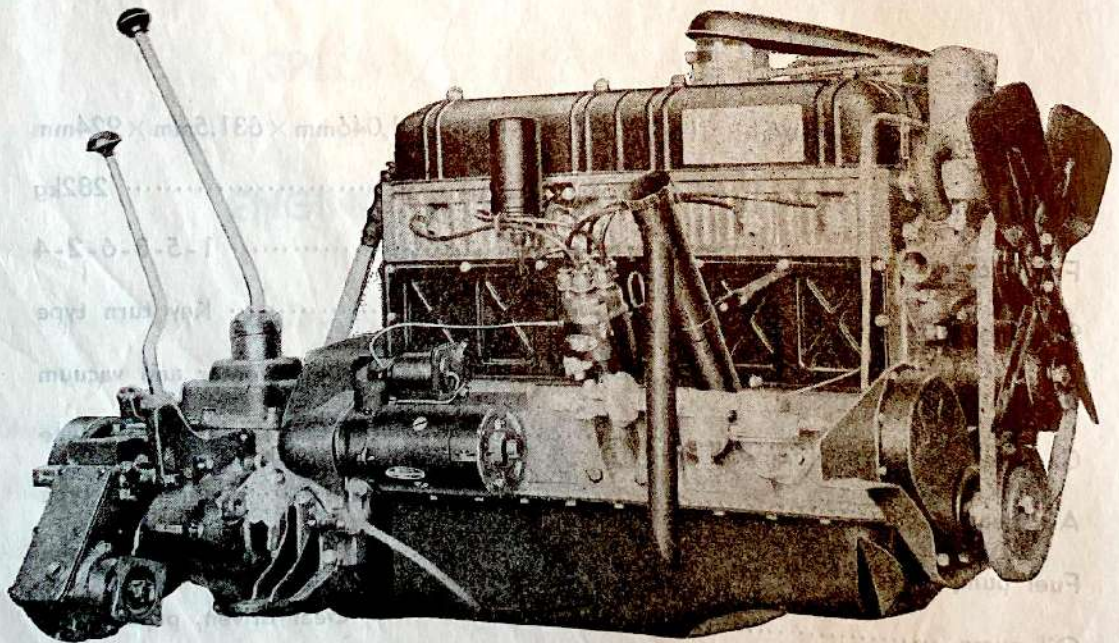
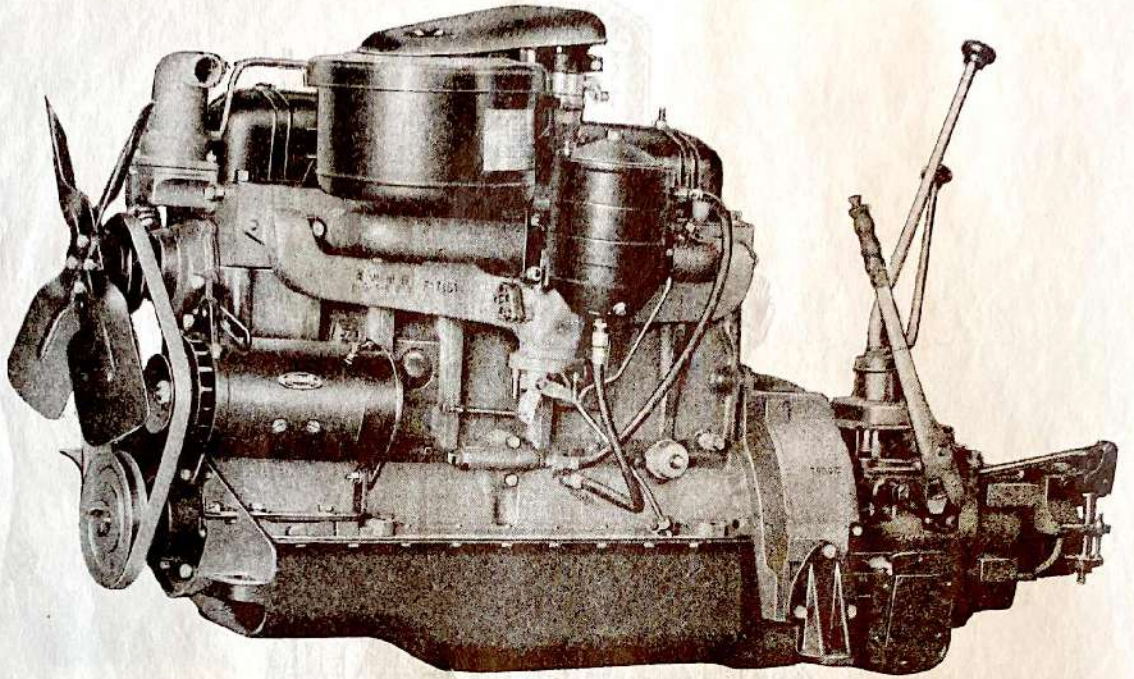
Model	Water cooled, forced circulation, 6 cylinders, 4 cycle, valve-in-head
Bore × Stroke	90mm × 101.6mm
Piston displacement	3,878cc
Compression ratio	6.8
Max. horsepower	105HP at 3,200 r.p.m.
Max. torque	27kg-m at 2,000 r.p.m.
Fuel consumption	232g/HP/h
Combustion chamber	Special type

FIG. 2 SECTION OF MODEL F ENGINE



Dimension (Length × Width × Height)	1,046mm × 631.5mm × 924mm
Engine weight	282kg
Firing order	1-5-3-6-2-4
Starting system	Key turn type
Distributor	Automatic control by governor and vacuum
Carburetor	Carter down-draft type
Air cleaner	Paper filter type
Fuel pump	Diaphragm type
Oil pump	Gear driven, paper filter
Battery	12V 55Ah (20-hour rate)
Generator	12V 220W, Shunt wound with voltage regulator
Starter	12V 1.4HP

FIG.—5 ENGINE WITH TRANSMISSION & CENTER BRAKE

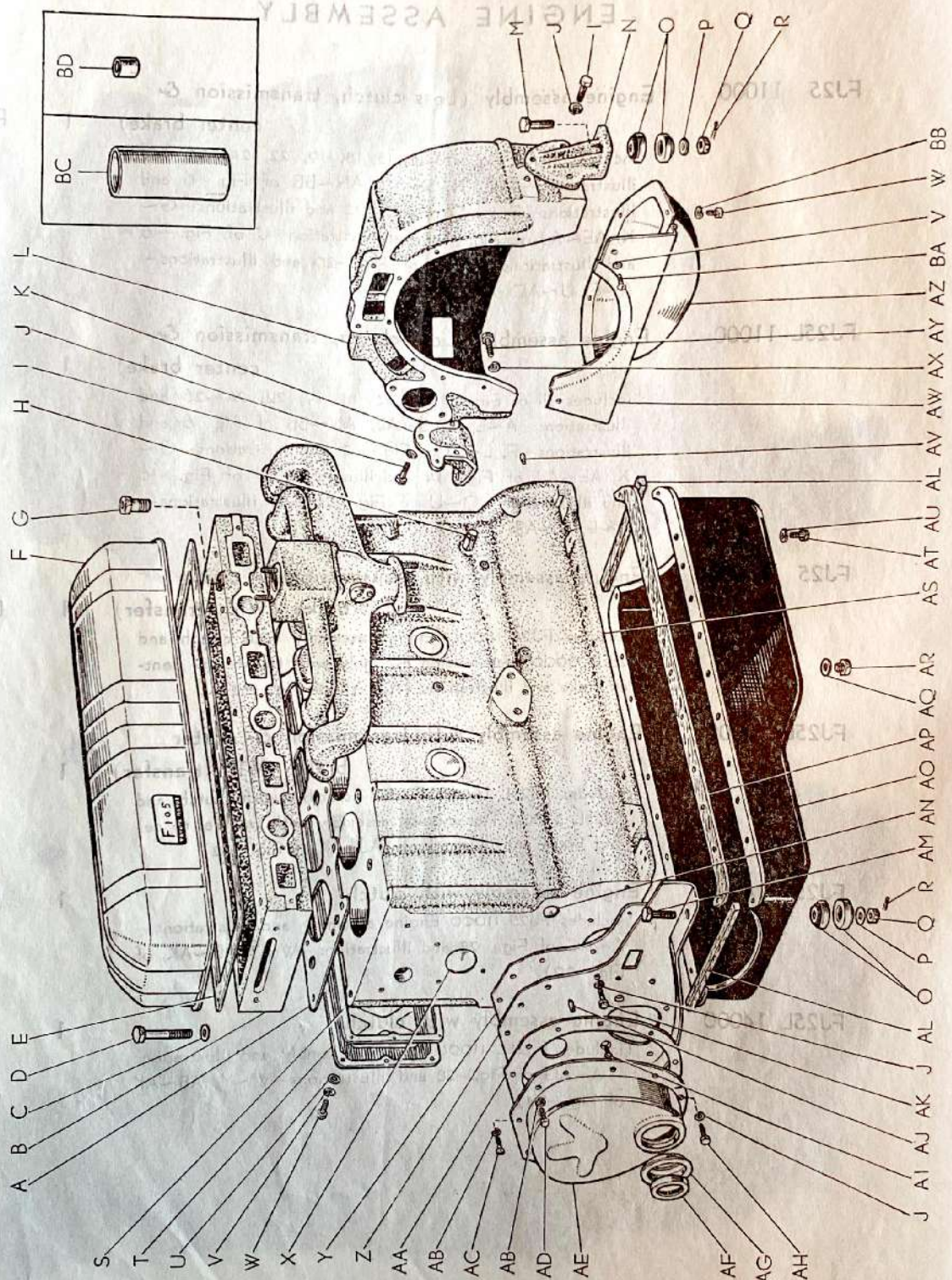


ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
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ENGINE ASSEMBLY

FJ25	11000	Engine assembly (Less clutch, transmission & center brake) (includes all of Fig.—7~12, 15, 18, 19, 22, 24~26 and illustrations—A~L, N, S~AL, AN~BB of Fig.—6 and illustrations—F, L~O of Fig.—13 and illustrations—G~X, AE~AJ of Fig.—14 and illustration—J of Fig.—16 and illustrations—Q~U of Fig.—20 and illustrations—A~E, U~AC of Fig.—21)	1	FJ28
FJ25L	11000	Engine assembly (Less clutch, transmission & center brake) (includes all of Fig.—7~12, 15, 18, 19, 22, 24~26 and illustrations—A~L, N, S~AL, AN~BB of Fig.—6 and illustrations—F, L~O of Fig.—13 and illustrations—G~X, AE~AJ of Fig.—14 and illustration—J of Fig.—16 and illustrations—Q~U of Fig.—20 and illustrations—A~E, U~AB, AI of Fig.—21)	1	FJ28L
FJ25	13000	Engine assembly with transmission & center brake (With transfer) (includes FJ25 14000 Engine assembly with clutch and 2BJ 33000 Transmission assembly with transfer & center brake and illustrations—AJ, AK of Fig.—32)	1	FJ28
FJ25L	13000	Engine assembly with transmission & center brake (With transfer) (includes FJ25L 14000 Engine assembly with clutch and BJ25L 33000 Transmission assembly with transfer & center brake and illustrations—AJ, AK of Fig.—32)	1	FJ28L
FJ25	14000	Engine assembly with clutch (includes FJ25 11000 Engine assembly and illustrations—A~AG of Fig.—28 and illustrations—W~Y, AB~AK, of Fig.—29)	1	FJ28
FJ25L	14000	Engine assembly with clutch (includes FJ25L 11000 Engine assembly and illustrations—A~AG of Fig.—28 and illustrations—W~Y, AB~AK of Fig.—29)	1	FJ28L

FIG.—6 CYLINDER HEAD & BLOCK



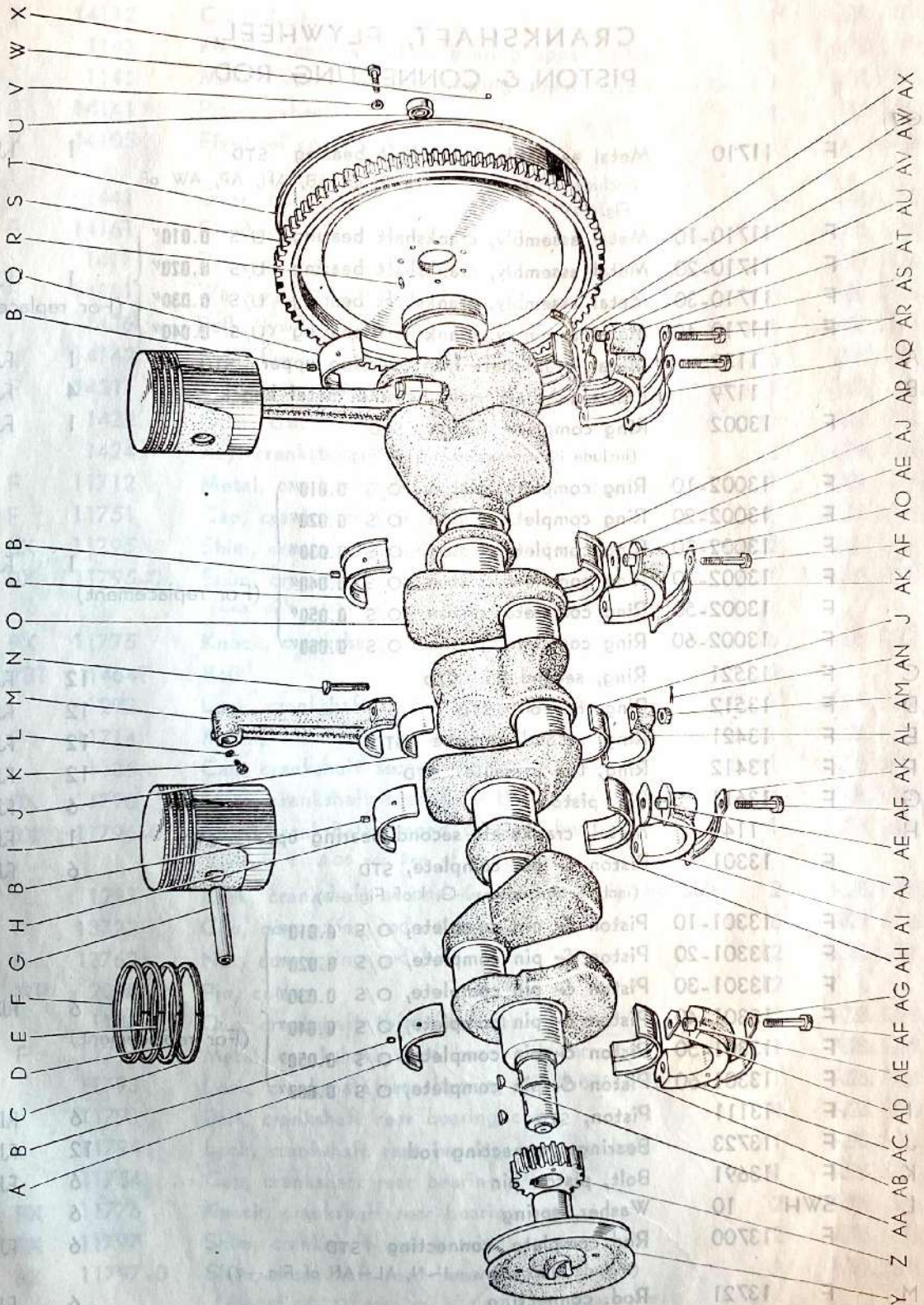
LAND CRUISER

ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
		CYLINDER HEAD, CYLINDER BLOCK, VALVE COVER, OIL PAN, TIMING CASE, CLUTCH HOUSING & ENGINE MOUNTING		
(FIG. 6)				
A	F 11213	Gasket, cylinder head	1	FJ28. FJ28L
F	11120	Head assembly, cylinder (includes illustrations—B, G, X of Fig.—6 and illustrations —G, Z~AH of Fig.—8 and illustration—T of Fig.—15)	1	FJ28. FJ28L
F	11102	Head complete, cylinder (includes illustrations—B, X of Fig.—6 and illustrations— AA, AB of Fig.—8)	1	FJ28. FJ28L
B	F 11114	Head, cylinder	1	FJ28. FJ28L
C	PWT 4013	Washer, plate	15	
D	12113	Bolt, cylinder head set	15	FJ28. FJ28L
E	F 11371	Gasket, valve rocker arm cover	1	FJ28. FJ28L
F	11303	Cover complete, valve rocker arm	1	FJ28
	FJ25L 11303	Cover complete, valve rocker arm	1	FJ28L
G	1288F	Socket, water heat indicator	1	FJ28. FJ28L
H	F 12101	Cock complete, water	1	FJ28. FJ28L
I	YBK 1030Z	Bolt	6	
J	SWH 10	Washer, spring	10	
K	2BJ 12611	Arm, engine rear support RH	1	FJ28. FJ28L
L	BX 12401	Housing complete, clutch	1	FJ28. FJ28L
M	TBK 1387W	Bolt	2	
N	2BJ 12612	Arm, engine rear support LH	1	FJ28. FJ28L
O	KB 4011	Cushion, engine rear support	8	FJ28. FJ28L
P	KB 4135	Washer, engine rear support bolt	4	FJ28. FJ28L
Q	CNN 1311	Nut	4	
R	WP 3025	Pin, cotter	4	
S	F 12231	Gasket, valve lifter cover	1	FJ28. FJ28L
T	F 12211	Cover, valve lifter	1	FJ28. FJ28L
U	PWT 2006	Washer, plate	15	
V	SWL 06	Washer, spring	17	
W	JBN 0612TZ	Bolt	19	
X	1281	Stopper, cylinder block water	5	FJ28. FJ28L
Y	F 12333	Packing, crank case front end plate	1	FJ28. FJ28L
	FJ25 12301	Plate complete, crank case front end (include illustrations—Z, AJ of Fig.—6)	1	FJ28. FJ28L
Z	FJ25 12311	Plate, crank case front end	1	FJ28. FJ28L
AA	F 12371	Packing, timing gear cover	1	FJ28. FJ28L
AB	FA 33139	Washer, transmission front bearing lock bolt	10	FJ28. FJ28L
AC	MBN 0608	Bolt	8	
AD	JBN 0615Z	Bolt	2	

LAND CRUISER

ILLUS- TRATION	PART NO.	NOMENCLATURE	P E R UNIT	MODEL
(FIG.6)				
F	12307	Cover complete, timing gear (include illustrations—AE~AG of Fig.—6)	1	FJ28. FJ28L
AE	F 12353	Cover, timing gear	1	FJ28. FJ28L
AF	F 12355	Seal, oil	1	FJ28. FJ28L
AG	F 12354	Case, oil seal	1	FJ28. FJ28L
AH	TBK 1025Z	Bolt	2	
AI	F 12332	Screw, crank case front end plate set	3	FJ28. FJ28L
AJ	1298	Nozzle, timing gear oil	3	FJ28. FJ28L
AK	TBN 1020TZ	Bolt	2	
AL	1161	Gasket, oil pan front and rear	2	FJ28. FJ28L
AM	TBK 1383W	Bolt	2	
AN	BX 11461	Stopper, oil hole oil	2	FJ28. FJ28L
AO	FJ25 12700	Pan assembly, oil (include illustrations—AQ, AR of Fig.—6)	1	FJ28. FJ28L
AP	1160	Gasket, oil pan LH	1	FJ28. FJ28L
	1159	Gasket, oil pan RH	1	FJ28. FJ28L
AQ	1238	Washer, oil pan drain screw	1	FJ28. FJ28L
AR	12103	Screw, oil pan drain	1	FJ28. FJ28L
F	11401A	Block complete, cylinder (includes illustrations—X, AN, AS, AV of Fig.—6 and illustrations—AC, AE, AF, AI, AO, AR, AT, AU of Fig.—7 and illustration—AV of Fig.—8)	1	FJ28. FJ28L
AS	F 11413	Block, cylinder	1	FJ28. FJ28L
AT	TBN 0820TZ	Bolt	22	
AU	SWH 08	Washer, spring	22	
AV	S 11472	Pin, clutch housing knob	2	FJ28. FJ28L
AW	1168	Cover, flywheel side	1	FJ28. FJ28L
AX	SWH 12	Washer, spring	6	
AY	YBK 1232Z	Bolt	6	
AZ	BJ20 12451	Cover, clutch housing under	1	FJ28. FJ28L
BA	MBN 0610	Bolt	2	
BB	SWH 06	Washer, spring	4	
BC	F 11511-160	Sleeve, cylinder O/S 0.160"	6	FJ28. FJ28L
	F 11511-180	Sleeve, cylinder O/S 0.180"		
	F 11511-200	Sleeve, cylinder O/S 0.200"		
BD	BX 11551	Sleeve, valve lifter (For replacement)	12	FJ28. FJ28L

FIG.—7 CRANKSHAFT & CONNECTING ROD



ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
CRANKSHAFT, FLYWHEEL, PISTON & CONNECTING ROD				
(FIG.7)				
	F 11710	Metal assembly, crankshaft bearing STD (include illustrations A, H, P, Q, AB, AH, AP, AW of Fig -7)	1	FJ28 FJ28L
	F 11710-10	Metal assembly, crankshaft bearing U/S 0.010"	1 (For replacement)	FJ28 FJ28L
	F 11710-20	Metal assembly, crankshaft bearing U/S 0.020"		
	F 11710-30	Metal assembly, crankshaft bearing U/S 0.030"		
	F 11710-40	Metal assembly, crankshaft bearing U/S 0.040"		
A	1139	Metal, crankshaft front bearing upper STD	1	FJ28. FJ28L
B	1179	Pin, crankshaft main bearing metal knock	4	FJ28. FJ28L
	F 13002	Ring complete, piston STD (include illustrations—C~F of Fig 7)	1	FJ28. FJ28L
	F 13002-10	Ring complete, piston O/S 0.010"	1 (For replacement)	FJ28. FJ28L
	F 13002-20	Ring complete, piston O/S 0.020"		
	F 13002-30	Ring complete, piston O/S 0.030"		
	F 13002-40	Ring complete, piston O/S 0.040"		
	F 13002-50	Ring complete, piston O/S 0.050"		
	F 13002-60	Ring complete, piston O/S 0.060"		
C	F 13521	Ring, second oil STD	12	FJ28. FJ28L
D	F 13512	Ring, top oil STD	12	FJ28. FJ28L
E	F 13421	Ring, second pressure STD	12	FJ28. FJ28L
F	F 13412	Ring, top pressure STD	12	FJ28. FJ28L
G	F 13611	Pin, piston	6	FJ28. FJ28L
H	1141	Metal, crankshaft second bearing upper STD	1	FJ28 FJ28L
	F 13301	Piston & pin complete, STD (include illustrations—G, I of Fig -7)	6	FJ28 FJ28L
	F 13301-10	Piston & pin complete, O/S 0.010"	6 (For replacement)	FJ28. FJ28L
	F 13301-20	Piston & pin complete, O/S 0.020"		
	F 13301-30	Piston & pin complete, O/S 0.030"		
	F 13301-40	Piston & pin complete, O/S 0.040"		
	F 13301-50	Piston & pin complete, O/S 0.050"		
	F 13301-60	Piston & pin complete, O/S 0.060"		
I	F 13111	Piston, STD	6	FJ28 FJ28L
J	F 13723	Bearing, connecting rod	12	FJ28. FJ28L
K	F 13691	Bolt, piston pin	6	FJ28. FJ28L
L	SWH 10	Washer, spring	6	
	F 13700	Rod complete, connecting STD (include illustrations—J~N, AL~AN of Fig -7)	6	FJ28. FJ28L
M	F 13721	Rod, connecting	6	FJ28 FJ28L
N	F 13761	Bolt, connecting rod	12	FJ28. FJ28L
	F 14101	Crankshaft complete (include illustrations—O, R of Fig -7)	1	FJ28. FJ28L

LAND CRUISER

ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
(FIG.7)				
O	F 14112	Crankshaft	1	FJ28. FJ28L
P	1143	Metal, crankshaft third bearing upper STD	1	FJ28. FJ28L
Q	1145	Metal, crankshaft rear bearing upper STD	1	FJ28. FJ28L
R	14141	Pin, flywheel knock	1	FJ28. FJ28L
	F 14105	Flywheel complete (include illustrations—S, T, W of Fig.—7)	1	FJ28. FJ28L
S	1441	Gear, flywheel ring	1	FJ28. FJ28L
T	F 14161	Flywheel	1	FJ28. FJ28L
U	1417	Bearing, main drive gear front	1	FJ28. FJ28L
V	F 14181	Washer, flywheel bolt lock	6	FJ28. FJ28L
W	1436	Ball, flywheel timing	1	FJ28. FJ28L
X	14142	Bolt, flywheel	6	FJ28. FJ28L
Y	F 14211	Pulley, crank handle	1	FJ28. FJ28L
Z	1422	Gear, crankshaft	1	FJ28. FJ28L
AA	1424	Key, crankshaft & camshaft	2	FJ28. FJ28L
AB	F 11712	Metal, crankshaft front main bearing lower STD	1	FJ28. FJ28L
AC	F 11751	Cap, crankshaft front bearing	1	FJ28. FJ28L
AD	BX 11795	Shim, crankshaft front bearing STD	2	FJ28. FJ28L
	BX 11795-0	Shim, crankshaft front bearing (4ea. of t=0.05 and 2ea. of t=0.1 For replacement)	1	FJ28. FJ28L
AE	BX 11775	Knock, crankshaft main bearing cap	6	FJ28. FJ28L
AF	YBT 1464T	Bolt	6	FJ28. FJ28L
AG	1292	Lock, crankshaft front bearing cap bolt	1	FJ28. FJ28L
AH	F 11714	Metal, crankshaft second bearing lower STD	1	FJ28. FJ28L
AI	1136	Cap, crankshaft second bearing	1	FJ28. FJ28L
AJ	BX 11796	Shim, crankshaft second & third bearing STD	4	FJ28. FJ28L
	BX 11796-0	Shim, crankshaft second & third bearing (4ea. of t=0.05 and 2ea. of t=0.1 For replacement)	1	FJ28. FJ28L
AK	1293	Lock, crankshaft second & third bearing cap bolt	2	FJ28. FJ28L
AL	F 13722	Cap, connecting rod STD	6	FJ28. FJ28L
AM	F 13762	Nut, connecting rod bolt	12	FJ28. FJ28L
AN	WP 2020	Pin, cotter	12	FJ28. FJ28L
AO	1137	Cap, crankshaft third bearing	1	FJ28. FJ28L
AP	F 11716	Metal, crankshaft third bearing lower STD	1	FJ28. FJ28L
AQ	11793	Lock, crankshaft rear bearing cap front bolt	1	FJ28. FJ28L
AR	11791	Bolt, crankshaft rear bearing cap	4	FJ28. FJ28L
AS	11794	Lock, crankshaft rear bearing cap rear bolt	1	FJ28. FJ28L
AT	11754	Cap, crankshaft rear bearing	1	FJ28. FJ28L
AU	BX 11776	Knock, crankshaft rear bearing cap	2	FJ28. FJ28L
AV	BX 11797	Shim, crankshaft rear bearing STD	2	FJ28. FJ28L
	BX 11797-0	Shim, crankshaft rear bearing (4ea. of t=0.05 and 2ea. of t=0.1 For replacement)	1	FJ28. FJ28L
AW	F 11718	Metal, crankshaft rear main bearing lower STD	1	FJ28. FJ28L
AX	F 11771	Stopper, crankshaft rear oil	2	FJ28. FJ28L

ILLUS-
TRATION

PART NO.

LAND CRUISER

NOMENCLATURE

PER
UNIT

MODEL

19

CAM SHAFT, GEAR,
VALVE & VALVE ROCKER

(FIG 8)

A

1511

Spring, valve rocker shaft lock

4

FJ28 FJ28L

B

1539

Nut, valve adjusting screw lock

12

FJ28 FJ28L

C

1538

Screw, valve adjusting

12

FJ28. FJ28L

D

F

14752

Support, valve rocker shaft

6

FJ28. FJ28L

E

F

14755

Washer, valve rocker shaft support bolt

12

FJ28. FJ28L

F

F

14754

Bolt, valve rocker shaft support (b)

6

FJ28. FJ28L

G

F

11182

Bolt, valve rocker shaft support stud

4

FJ28. FJ28L

H

F

11373

Plate, valve rocker arm cover bolt packing

4

FJ28 FJ28L

I

TNN

0806Z

Nut

4

F

11304

Packing complete, valve rocker arm cover bolt
(include illustrations—H, J of Fig 8)

4

FJ28 FJ28L

J

F

11372

Packing, valve rocker arm cover bolt

4

FJ28. FJ28L

K

TNN

0806

Nut

4

L

1545

Spring, valve rocker shaft

4

FJ28. FJ28L

M

F

14753

Bolt, valve rocker shaft support (a)

2

FJ28. FJ28L

F

14030

Shaft assembly, valve rocker (Front)
(include illustrations—A~D, L, N, R~W, Y of Fig.—8)

1

FJ28. FJ28L

F

14701

Shaft complete, valve rocker (Front)
(include illustrations—N, Y of Fig—8)

1

FJ28. FJ28L

N

F

14711

Shaft, valve rocker (Front)

1

FJ28. FJ28L

O

F

15528

Union, valve rocker shaft oil delivery

1

FJ28 FJ28L

P

1544

Spring, valve rocker shaft oil connect sleeve

1

FJ28. FJ28L

Q

1543

Sleeve, valve rocker shaft oil connect

1

FJ28. FJ28L

R

1509

Spring, valve rocker shaft tension

4

FJ28 FJ28L

S

F

14604

Arm complete, intake valve rocker RH
(include illustration—T of Fig—8)

3

FJ28. FJ28L

T

1536

Bushing, intake valve rocker arm

6

FJ28. FJ28L

U

F

14605

Arm complete, intake valve rocker LH
(include illustration—T of Fig—8)

3

FJ28. FJ28L

V

1537

Bushing, exhaust valve rocker arm

6

FJ28. FJ28L

W

F

14606

Arm complete, exhaust valve rocker
(include illustration—V of Fig—8)

6

FJ28. FJ28L

F

14040

Shaft assembly, valve rocker (Rear)
(include illustrations—A~D, L, R~Y of Fig—8)

1

FJ28 FJ28L

F

14702

Shaft complete, valve rocker (Rear)
(include illustrations—X, Y of Fig—8)

1

FJ28. FJ28L

X

F

14712

Shaft, valve rocker (Rear)

1

FJ28. FJ28L

Y

1541

Stopper, valve rocker shaft oil

2

FJ28. FJ28L

Z

F

14591

Seal, valve stem oil

6

FJ28. FJ28L

AA

1547

Guide, intake valve stem

6

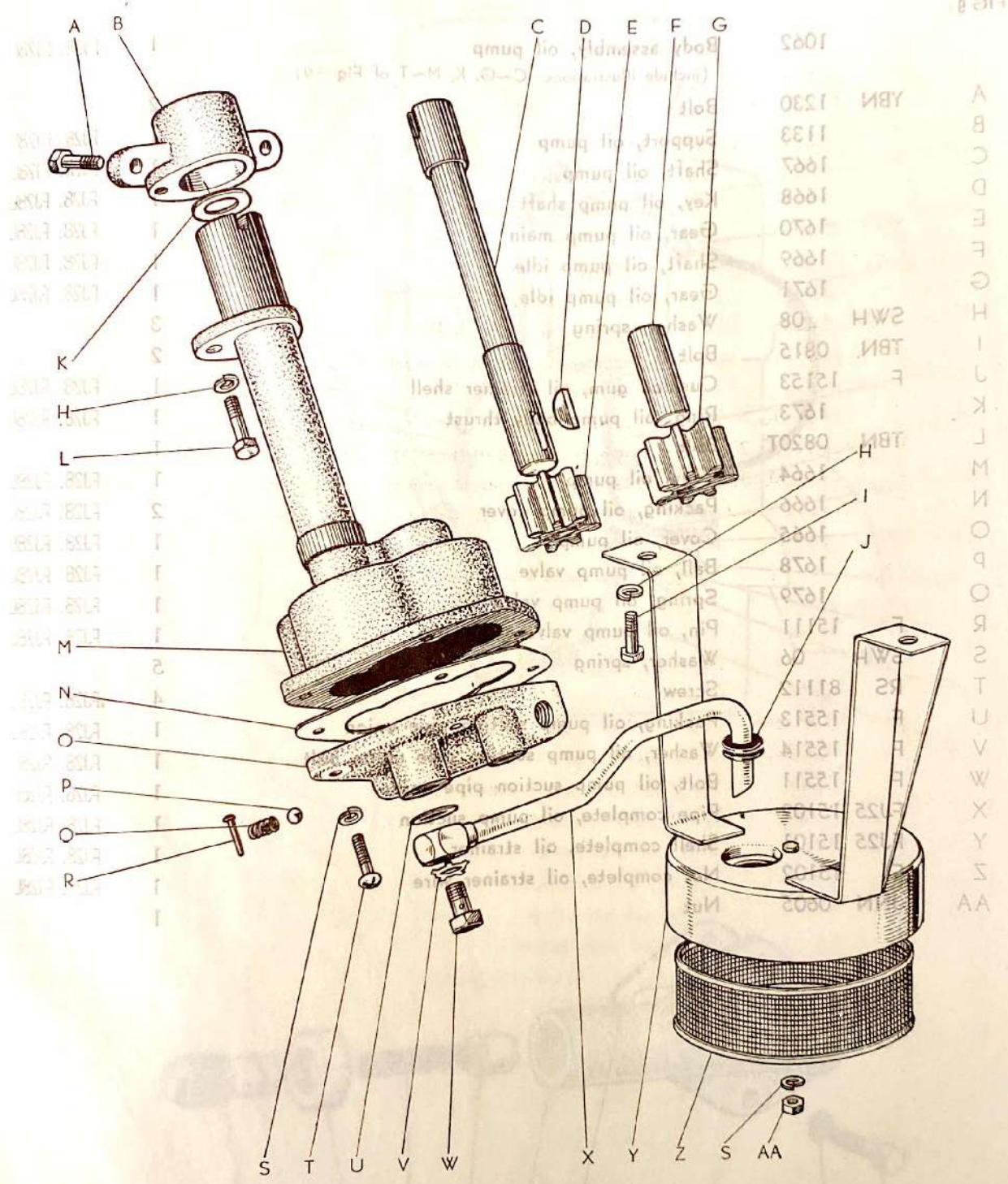
FJ28 FJ28L

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ILLUSTRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
(FIG. 8)				
AB	1548	Guide, exhaust valve stem	6	FJ28. FJ28L
AC	1552	Stopper, valve spring cap	24	FJ28. FJ28L
AD F	14551	Cap, valve spring	12	FJ28. FJ28L
AE F	14532	Spring, valve	12	FJ28. FJ28L
AF F	14552	Seat, valve spring	12	FJ28. FJ28L
AG F	14522	Valve, exhaust	6	FJ28. FJ28L
AH F	14512	Valve, intake	6	FJ28. FJ28L
AI	1528	Ring, camshaft snap	1	FJ28. FJ28L
AJ	1532	Gear, camshaft	1	FJ28. FJ28L
AK TBN	0820Z	Bolt	2	F
AL SWH	08	Washer, spring	2	F
AM	1555	Plate, camshaft thrust	1	FJ28. FJ28L
AN	1424	Key, crankshaft and camshaft	1	FJ28. FJ28L
F	11810A	Metal assembly, camshaft bearing STD (include illustrations—AO, AQ, AT, AU of Fig.—8)	1	FJ28. FJ28L
F	11810A-10	Metal assembly, camshaft bearing U/S 0.010"	1	FJ28. FJ28L (For replacement)
F	11810A-20	Metal assembly, camshaft bearing U/S 0.020"		
F	11810A-30	Metal assembly, camshaft bearing U/S 0.030"		
F	11810A-40	Metal assembly, camshaft bearing U/S 0.040"		
AO	1147	Metal, camshaft front bearing STD	1	FJ28. FJ28L
BX	14301B	Camshaft complete (include illustrations—AI, AJ, AM, AN, AP of Fig.—8)	1	FJ28. FJ28L
AP BX	14311H	Camshaft (include illustrations—N, Y of Fig.—8)	1	FJ28. FJ28L
AQ	1148J	Metal, camshaft second bearing STD	1	FJ28. FJ28L
AR	1554	Rod, push	12	FJ28. FJ28L
AS	1503	Lifter, valve STD	12	FJ28. FJ28L
	1503-2	Lifter, valve O/S 0.002" (For replacement)	12	FJ28. FJ28L
AT	1149	Metal, camshaft third bearing STD	1	FJ28. FJ28L
AU	1150	Metal, camshaft rear bearing STD	1	FJ28. FJ28L
AV	1283	Cover, camshaft rear end (include illustration)	1	FJ28. FJ28L
		Bushing, intake valve rocker arm		T
		Arm complete, intake valve rocker (include illustration—T of Fig.—8)		U
		Bushing, exhaust valve rocker arm		V
		Arm complete, exhaust valve rocker (include illustration—V of Fig.—8)		W
		Shaft assembly, valve rocker (Rear) (include illustrations—A-D, W-Y of Fig.—8)		F
		Shaft complete, valve rocker (Rear) (include illustrations—X, Y of Fig.—8)		F
		Shaft, valve rocker (Rear)		X
		Stopper, valve rocker shaft oil		Y
		Seal, valve stem oil		Z
		Guide, intake valve stem		AA

FIG. 9 OIL PUMP

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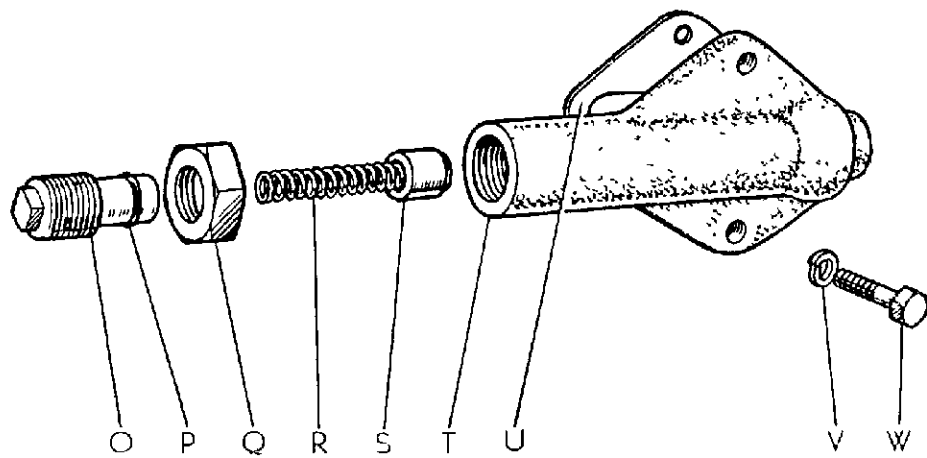
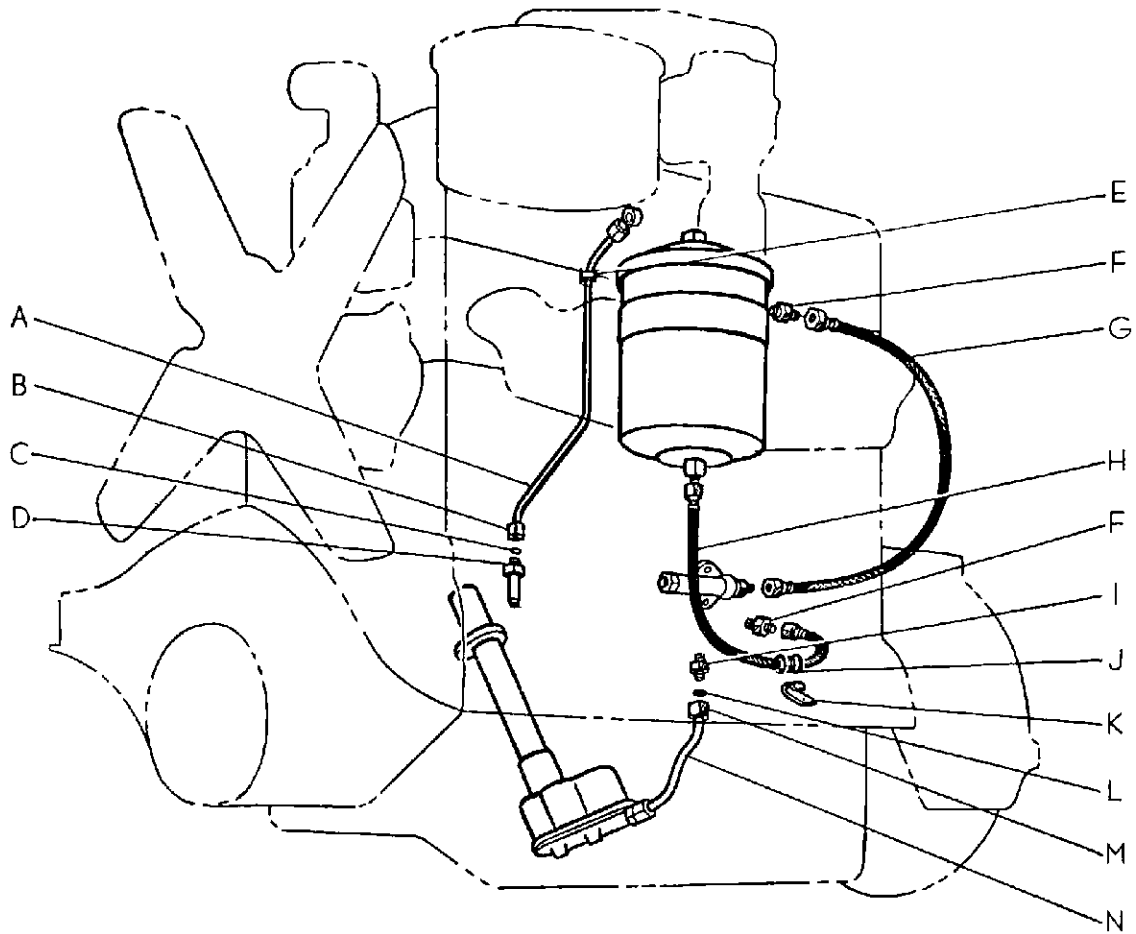
ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
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O I L P U M P

(FIG. 9)

	1062	Body assembly, oil pump (include illustrations—C~G, K, M~T of Fig.—9)	1	FJ28. FJ28L
A	YBN 1230	Bolt	2	
B	1133	Support, oil pump	1	FJ28. FJ28L
C	1667	Shaft, oil pump	1	FJ28. FJ28L
D	1668	Key, oil pump shaft	1	FJ28. FJ28L
E	1670	Gear, oil pump main	1	FJ28. FJ28L
F	1669	Shaft, oil pump idle	1	FJ28. FJ28L
G	1671	Gear, oil pump idle	1	FJ28. FJ28L
H	SWH 08	Washer, spring	3	
I	TBN 0815	Bolt	2	
J	F 15153	Cushion gum, oil strainer shell	1	FJ28. FJ28L
K	1673	Ring, oil pump body thrust	1	FJ28. FJ28L
L	TBN 0820T	Bolt	1	
M	1664	Body, oil pump	1	FJ28. FJ28L
N	1666	Packing, oil pump cover	2	FJ28. FJ28L
O	1665	Cover, oil pump	1	FJ28. FJ28L
P	1678	Ball, oil pump valve	1	FJ28. FJ28L
Q	1679	Spring, oil pump valve	1	FJ28. FJ28L
R	F 15111	Pin, oil pump valve spring set	1	FJ28. FJ28L
S	SWH 06	Washer, spring	5	
T	RS 81112	Screw	4	FJ28. FJ28L
U	F 15513	Packing, oil pump suction pipe union	1	FJ28. FJ28L
V	F 15514	Washer, oil pump suction pipe union bolt	1	FJ28. FJ28L
W	F 15511	Bolt, oil pump suction pipe union	1	FJ28. FJ28L
X	FJ25 15102	Pipe complete, oil pump suction	1	FJ28. FJ28L
Y	FJ25 15101	Shell complete, oil strainer	1	FJ28. FJ28L
Z	F 15102	Net complete, oil strainer wire	1	FJ28. FJ28L
AA	JNN 0605	Nut	1	

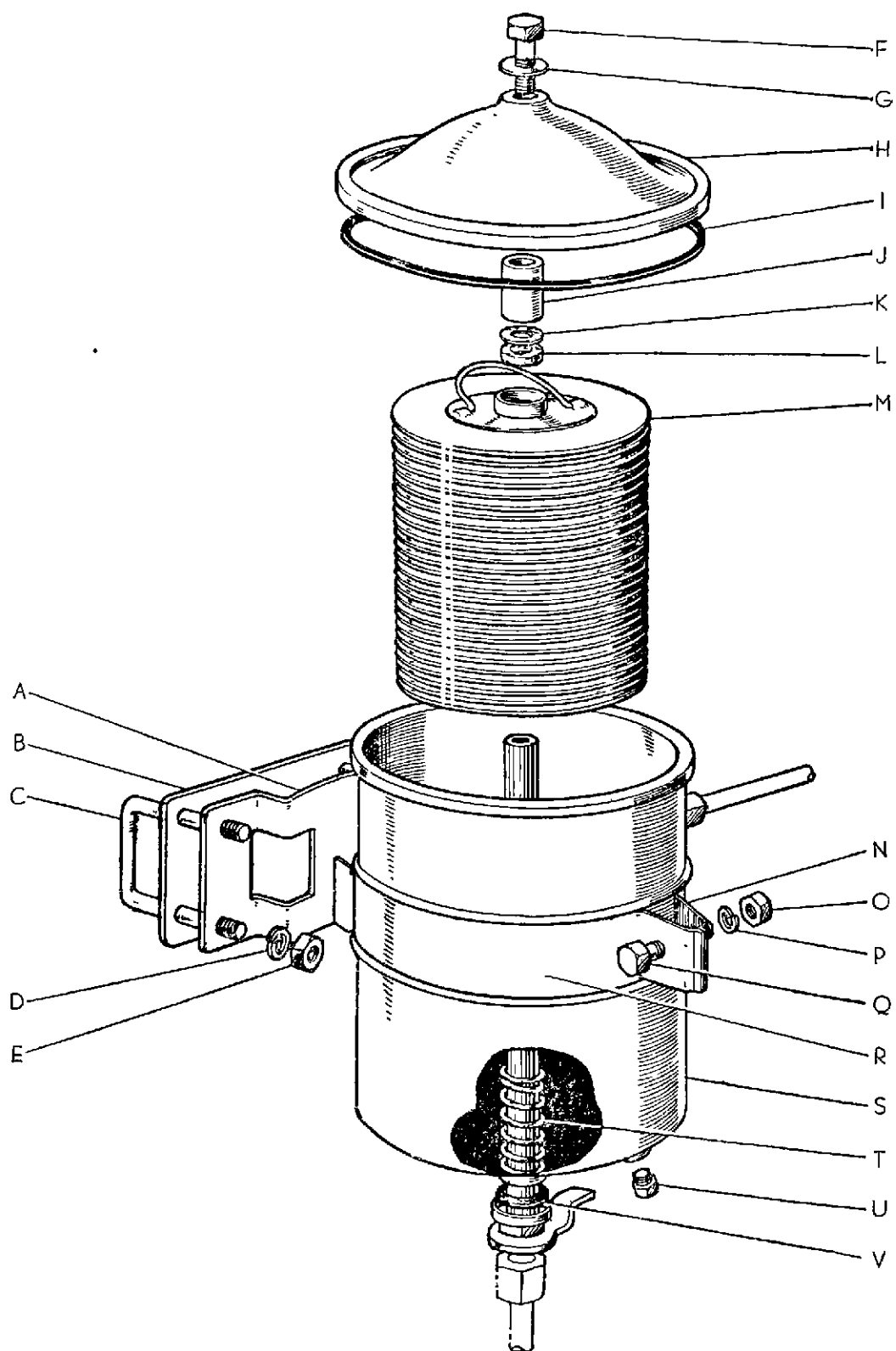
FIG.—10 OIL DISTRIBUTOR & OIL DELIVERY PIPE



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ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
OIL DISTRIBUTOR, OIL DELIVERY PIPE				
(FIG 10)				
F	15310	Distributor assembly, oil (include illustrations—O~T of Fig 10)	1	FJ28. FJ28L
F	15504	Pipe and union complete, valve rocker shaft oil delivery (includes illustration O of Fig 8 and illustrations A~D of Fig 10)	1	FJ28 FJ28L
A	F 15527	Pipe, oil delivery	1	FJ28 FJ28L
B	1758	Nut, oil pressure gauge pipe union	2	FJ28. FJ28L
C	1759	Sleeve, oil gauge pipe coupling	2	FJ28 FJ28L
D	F 15526	Bolt, oil delivery pipe union	1	FJ28 FJ28L
E	F 15529	Stopper, oil delivery union nut	1	FJ28. FJ28L
F	2342	Nipple, fuel pump union	3	FJ28. FJ28L
G	BJ20 21101	Pipe complete, oil cleaner inlet	1	FJ28. FJ28L
H	FA60 21102	Pipe complete, oil cleaner outlet	1	FJ28 FJ28L
I	1674	Union, oil pump pipe	2	FJ28. FJ28L
J	BJ 47223	Bushing, front brake flexible hose tension lower clamp	1	FJ28L
K	BJ25L21151	Clamp, oil cleaner outlet pipe	1	FJ28L
L	1676	Sleeve, oil pump pipe coupling	2	FJ28. FJ28L
M	1677	Nut, oil pump pipe union	2	FJ28 FJ28L
	1063	Pipe complete, oil pump (include illustrations—L~N of Fig 10)	1	FJ28. FJ28L
N	1675	Pipe, oil pump	1	FJ28. FJ28L
O	F 15341	Bolt, oil pressure adjust	1	FJ28. FJ28L
P	F 15342	Ring, oil distributor oil	1	FJ28. FJ28L
Q	S 15317	Nut, oil distributor cap lock	1	FJ28. FJ28L
R	F 15331	Spring, oil distributor	1	FJ28. FJ28L
S	F 15321	Valve, oil adjusting	1	FJ28 FJ28L
T	F 15311	Body, oil distributor	1	FJ28. FJ28L
U	F 15313	Packing, oil distributor body	1	FJ28. FJ28L
V	SWH 08	Washer, spring	2	
W	TBN 0820Z	Bolt	2	

FIG.—11 OIL CLEANER



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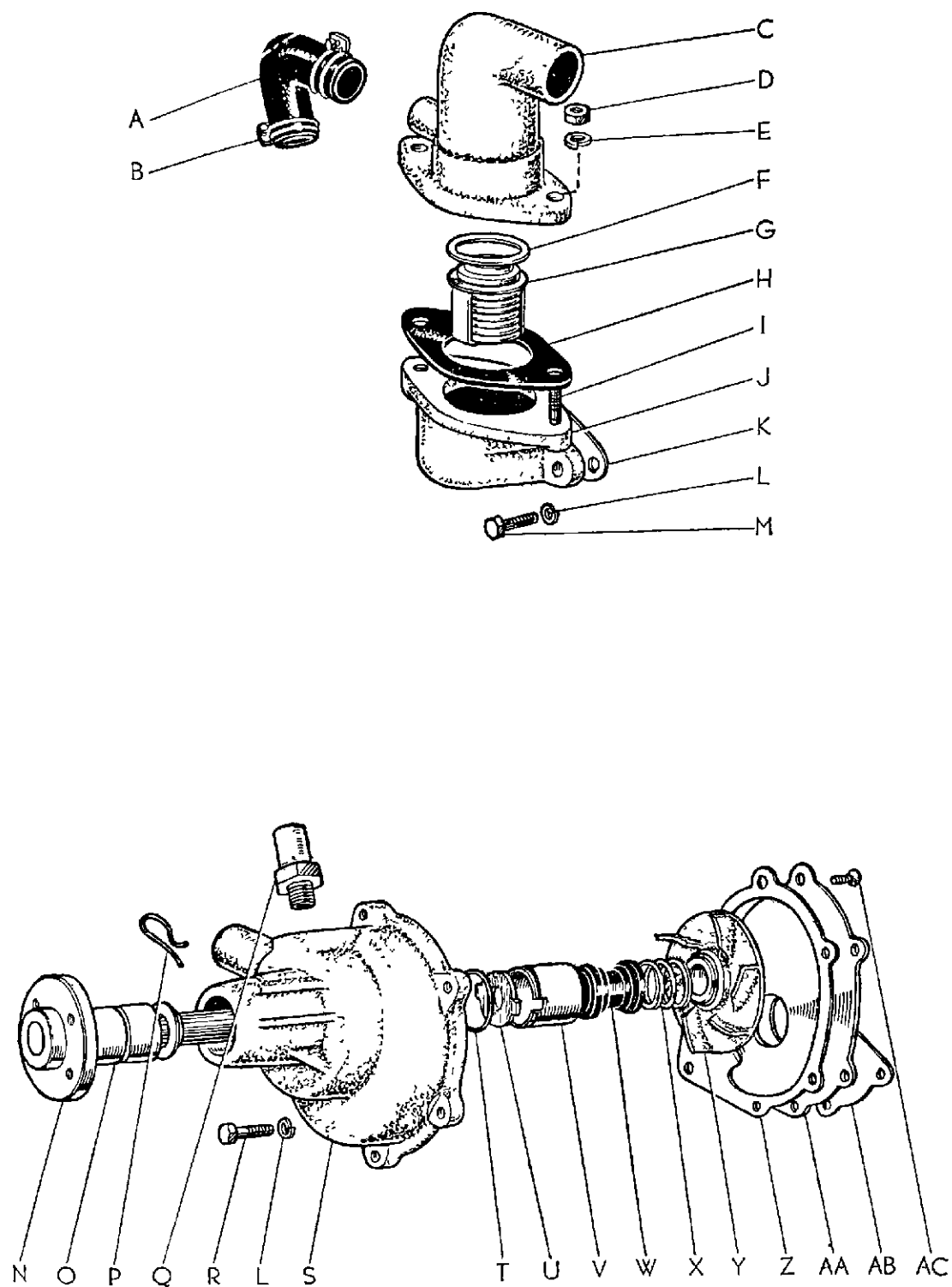
ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
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OIL CLEANER

(FIG.11)

		15620	Cleaner assembly, oil	} Use either one	1	FJ28 FJ28L
	T-	15620	Cleaner assembly, oil			
			(include illustrations—F~M, S~V of Fig —11)			
A	BQ	18382	Bracket, oil cleaner (B)	1		FJ28 FJ28L
B	BQ	18381	Bracket, oil cleaner (A)	1		FJ28 FJ28L
C	BL	18373	"U" Bolt, oil cleaner	2		FJ28. FJ28L
D	SWH	10	Washer, spring	4		
E	TNN	1008Z	Nut	4		
F	TBN	1230	Bolt	1		
G		15646	Packing, oil cleaner cap bolt	1.		FJ28 FJ28L
H		15658	Cap, oil cleaner	1		FJ28 FJ28L
I		15644	Packing, oil cleaner body	1		FJ28 FJ28L
J		15665	Support, oil cleaner filter	1		FJ28 FJ28L
K		15697	Washer, oil cleaner filter support	2		FJ28 FJ28L
L		15674	Ring, oil cleaner felt	2		FJ28 FJ28L
M		15606	Element complete, oil cleaner filter	1		FJ28. FJ28L
N	FA60	18372	Band, oil cleaner clamp (B)	1		FJ28 FJ28L
O	TNN	0806	Nut	1		
P	SWH	08	Washer, spring	1		
Q	TBN	0835T	Bolt	1		
R	FA60	18371	Band, oil cleaner clamp (A)	1		FJ28. FJ28L
S		15604	Case complete, oil cleaner	1		FJ28. FJ28L
T	S	15664	Spring, oil cleaner filter cartridge support	1		FJ28. FJ28L
U		1961	Cock, drain	1		FJ28. FJ28L
V	R	15616	Packing, oil cleaner cartridge guide	1		FJ28. FJ28L

FIG.—12 WATER PUMP & THERMOSTAT



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ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
WATER PUMP & THERMOSTAT				
(FIG 12)				
	2BJ 16201	Thermostat complete (include illustrations—C~J of Fig—12)	1	FJ28. FJ28L
A	F 16451	Hose, bypass	1	FJ28. FJ28L
B	F 16550	Clamp assembly, bypass hose	2	FJ28. FJ28L
C	2BJ 16411	Case, thermostat	1	FJ28. FJ28L
D	TNN 0806Z	Nut	2	
E	SWH 08	Washer, spring	2	
F	BX 16312	Packing, bellows case	1	FJ28. FJ28L
G	K-F 16210	Bellows assembly	1	FJ28. FJ28L
	J-F 16210	Bellows assembly		
	N-F 16210	Bellows assembly		
		Use either one		
H	BX 16413	Packing, thermostat case	1	FJ28. FJ28L
I	BX 16415	Bolt, thermostat case set stud	2	FJ28. FJ28L
J	BX 16411	Water outlet	1	FJ28. FJ28L
K	18101	Packing, water outlet	1	FJ28. FJ28L
L	SWH 10	Washer, spring	6	
M	YBN 1025Z	Bolt	2	
	F 16110	Pump assembly, water (include illustrations—N~Q, S~AA, AC of Fig—12)	1	FJ28. FJ28L
N	F 16171	Seat, water pump pulley	1	FJ28. FJ28L
O	F 16140	Bearing assembly, water pump	1	FJ28. FJ28L
P	F 16141	Wire, water pump bearing retaining	1	FJ28. FJ28L
Q	BX 16452	Bypass inlet, water pump	1	FJ28. FJ28L
R	YBN 1030Z	Bolt	3	
	YBN 1035Z	Bolt	1	
S	F 16111	Body, water pump	1	FJ28. FJ28L
T	F 16136	Ring, water pump seal thrust washer snap	1	FJ28. FJ28L
U	F 16132	Washer, water pump seal thrust	1	FJ28. FJ28L
V	F 16112	Pipe, water pump seal thrust washer guide	1	FJ28. FJ28L
W	F 16133	Seal gum, water pump shaft	1	FJ28. FJ28L
X	F 16134	Spring, water pump seal	1	FJ28. FJ28L
Y	F 16131	Rotor, water pump	1	FJ28. FJ28L
Z	1887	Packing, water pump	1	FJ28. FJ28L
AA	1886	Plate, water pump seat	1	FJ28. FJ28L
AB	1888	Packing, water pump seat	1	FJ28. FJ28L
AC	SBN 0815	Bolt	2	

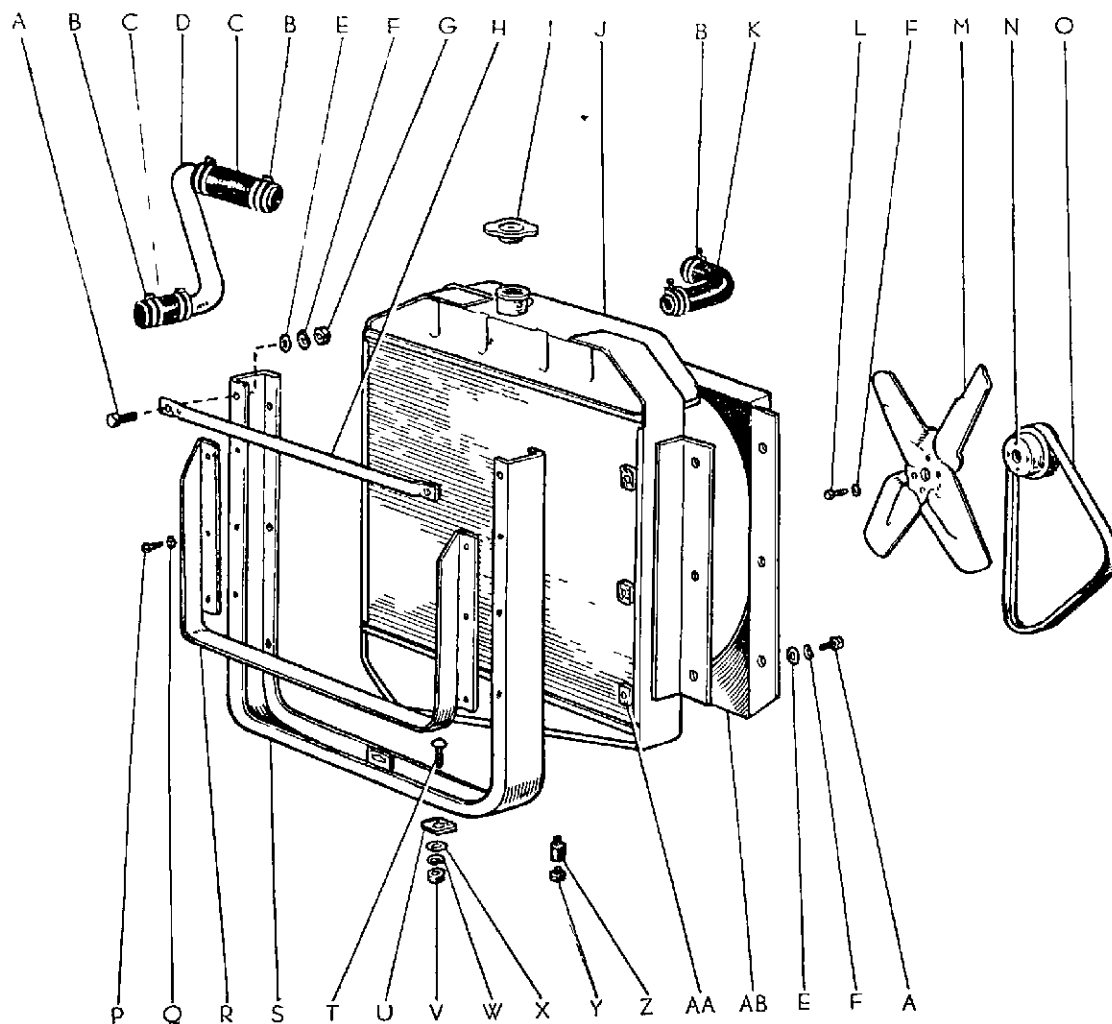
ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
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RADIATOR & FAN

FIG 13

A	TBN 0820	Bolt	8	
B	B 16560	Clamp assembly, radiator hose	6	FJ28. FJ28L
C	2BJ 22313	Hose, radiator outlet	2	FJ28 FJ28L
D	2BJ 22312	Pipe, water outlet	1	FJ28 FJ28L
E	PWL 2508	Washer, plate	8	
F	SWH 08	Washer, spring	12	
G	TNN 0806	Nut	2	

FIG.—13 RADIATOR & FAN



ILLUS-
TRATION

PART NO.

NOMENCLATURE

(FIG. 13)

H	BJ20	51413	Bar, radiator stay	1	FJ28. FJ28L
I	FA	22201	Cap complete, radiator	1	FJ28. FJ28L
J	2BJ	22100	Radiator assembly (include illustration—I of Fig.—13)	1	FJ28. FJ28L
K	2BJ	16412	Hose, radiator inlet	4	FJ28. FJ28L
L	TBN	0815Z	Bolt	1	FJ28. FJ28L
M	BX	116311	Blade, fan	1	FJ28. FJ28L
N		1085	Pulley complete, water pump	1	FJ28. FJ28L
O		1898	Belt, fan	6	FJ28. FJ28L
P	MBN	0510	Bolt	6	FJ28. FJ28L
Q	SWL	05	Washer, spring	1	FJ28. FJ28L
R	BJ20	51416	Plate, radiator shroud	1	FJ28. FJ28L
S	BJ20	51401	Stay complete, radiator (include illustrations—A, E~H of Fig.—13)	2	FJ28. FJ28L
T	KB	2821	Bolt, radiator stay set	2	FJ28. FJ28L
U	KB	7601	Shim, cowl bracket front	2	FJ28. FJ28L
V	TNN	1008	Nut	2	FJ28. FJ28L
W	SWH	10	Washer, spring	2	FJ28. FJ28L
X	PWL	0010	Washer, plate	2	FJ28. FJ28L
	F	12101	Cock complete, water (include illustrations—Y, Z of Fig.—13)	1	FJ28. FJ28L
Y	FA	22242	Cock, radiator drain	1	FJ28. FJ28L
Z	F	12151	Body, water cock	1	FJ28. FJ28L
AA	KB	2822	Shim, radiator clamp	6	FJ28. FJ28L
AB	2BJ	22161	Shroud, fan	1	FJ28. FJ28L

SPACE FOR MEMO

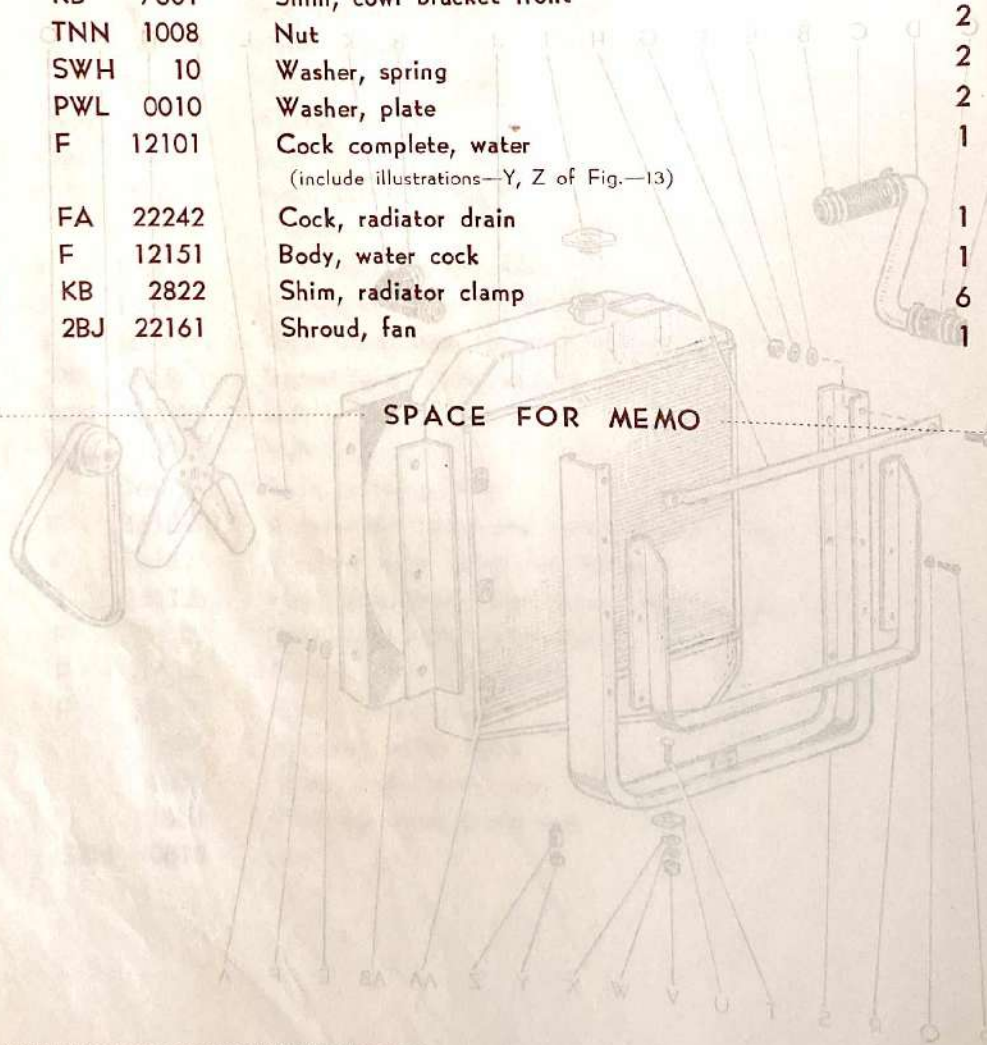
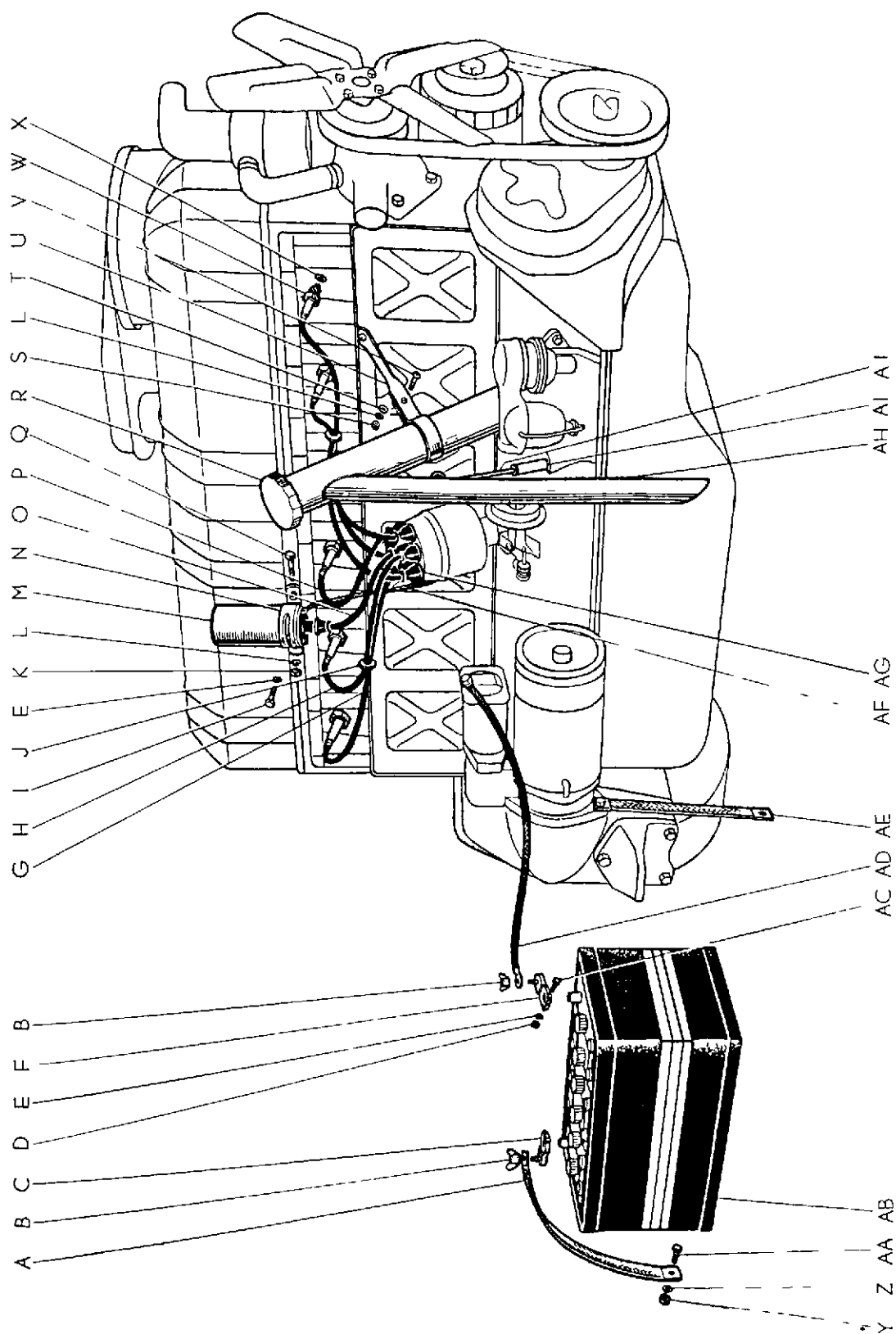


FIG.—14 IGNITION CORD & BATTERY



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ILLUS- TRATION	PART NO.	NOMENCLATURE	P E R UNIT	MODEL
IGNITION COIL, CORD, BATTERY & EARTH BAND				
(FIG 14)				
A	BJR 56123	Strap, bond	1	FJ28. FJ28L
B	BQ 18294	Nut, wing	2	FJ28. FJ28L
	BQ 18220	Terminal assembly, battery (—) (include illustrations—B~E, AC of Fig 14)	1	FJ28 FJ28L
C	BQ 18293	Body, battery (—) terminal	1	FJ28 FJ28L
D	TNN 0806Z	Nut	2	
E	SWH 08	Washer, spring	4	
	BQ 18210	Terminal assembly, battery (—) (include illustrations—B, D~F, AC of Fig.—14)	1	FJ28. FJ28L
F	BQ 18292	Body, battery (—) terminal	1	FJ28. FJ28L
	F 18200	Cord assembly, distributor ignition (include illustrations—G, H, J, O, P, AG of Fig—14)	1	FJ28. FJ28L
G	F 18204	Cord complete, distributor ignition (No 1, No 6)	2	FJ28. FJ28L
H	F 18202	Cord complete, distributor ignition (No 2, No.5)	2	FJ28 FJ28L
I	TBN 0815TZ	Bolt	2	
J	5416	Clamp, distributor ignition cord	2	FJ28. FJ28L
K	FNT 0605	Nut	1	
L	SWH 06	Washer, spring	2	
M	FR 29500	Coil assembly, ignition	1	FJ28. FJ28L
N	F 18295	Plate, ignition coil set	1	FJ28. FJ28L
O	F 18201	Cord complete, distributor ignition	1	FJ28. FJ28L
P	F 18203	Cord complete, distributor ignition (No 3, No 4)	2	FJ28. FJ28L
Q	JBN 0645TZ	Bolt	1	
R	BX 12820	Cap with chain assembly, oil filler tube	1	FJ28. FJ28L
	BX 12802	Cap complete, oil filler tube	1	FJ28. FJ28L
	KC 2831	Packing, radiator cap	1	FJ28. FJ28L
S	JNT 0605	Nut	1	
T	PWL 2006	Washer, plate	1	
U	F 12821	Support, oil filler tube	1	FJ28. FJ28L
V	MBN 0620Z	Bolt	1	
W	F 27620	Plug assembly, spark	6	FJ28. FJ28L
X	F 27611	Gasket, spark plug	6	FJ28. FJ28L
Y	TNN 1008Z	Nut	1	
Z	SWH 10	Washer, spring	1	
AA	TBN 1020Z	Bolt	1	
AB	N-RS28800	Battery	1	FJ28 FJ28L
	K-RS 28800	Battery		
	F-RS 28800	Battery		
AC	TBN 0832Z	Bolt	2	
AD	FJ24 18206	Cable complete, battery starter	1	FJ28. FJ28L

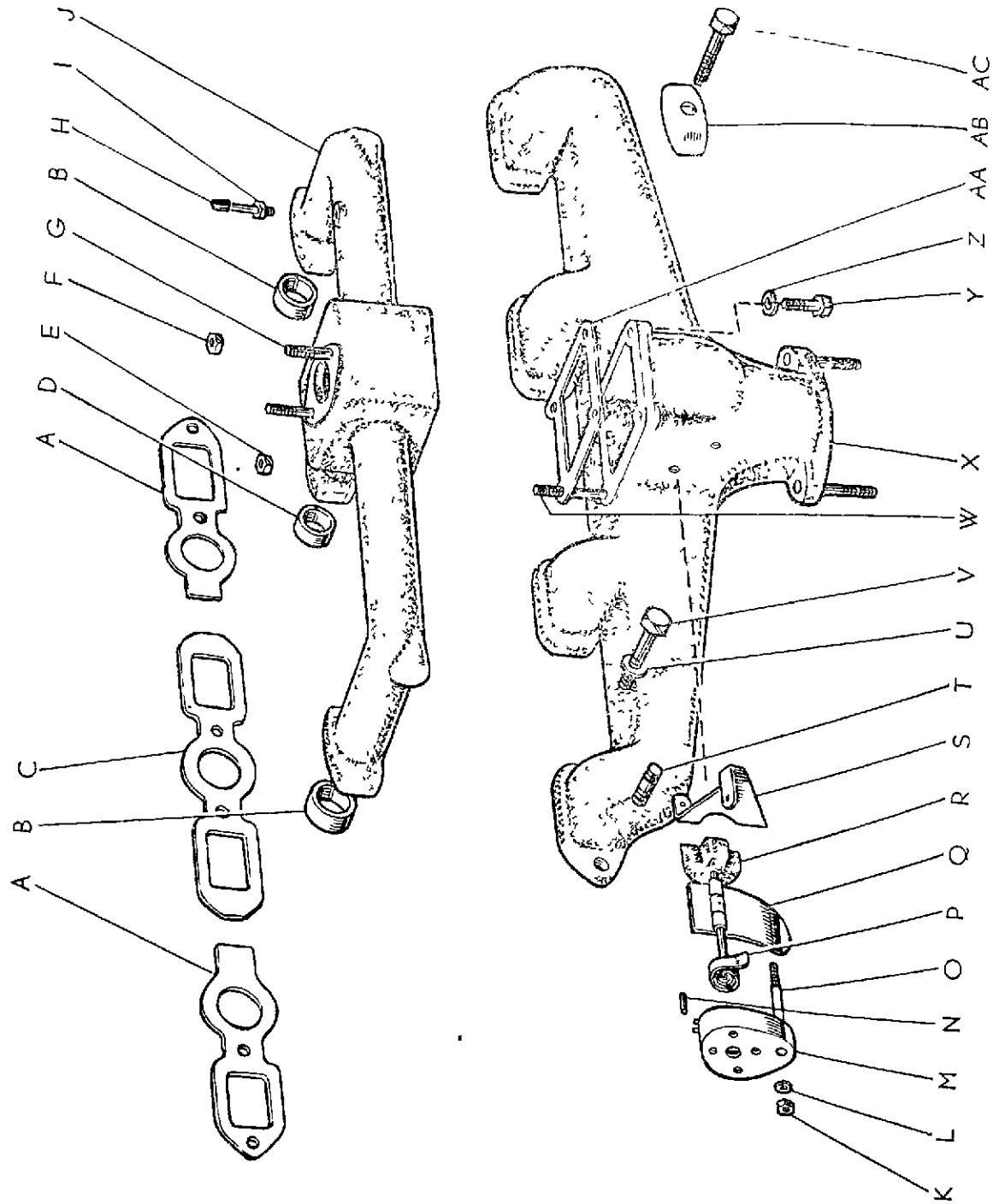
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ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
(FIG 14)				
AE	5339	Band, engine earth	1	FJ28 FJ28L
AF	F 18205	Wire complete, distributor primary	1	FJ28 FJ28L
AG	5407	Cushion, distributor cord	8	FJ28. FJ28L
	BJ20 12810	Tube assembly, oil filler (include illustrations - R, AH of Fig 14)	1	FJ28 FJ28L
AH	BJ20 12801	Tube complete, oil filler	1	FJ28 FJ28L
AI	F 11151	Pipe, oil level gauge rod	1	FJ28 FJ28L
AJ	FJ25 12801	Rod complete, oil level gauge	1	FJ28. FJ28L

SPACE FOR MEMO

FIG.—15
MANIFOLD & HEAT DAMPER

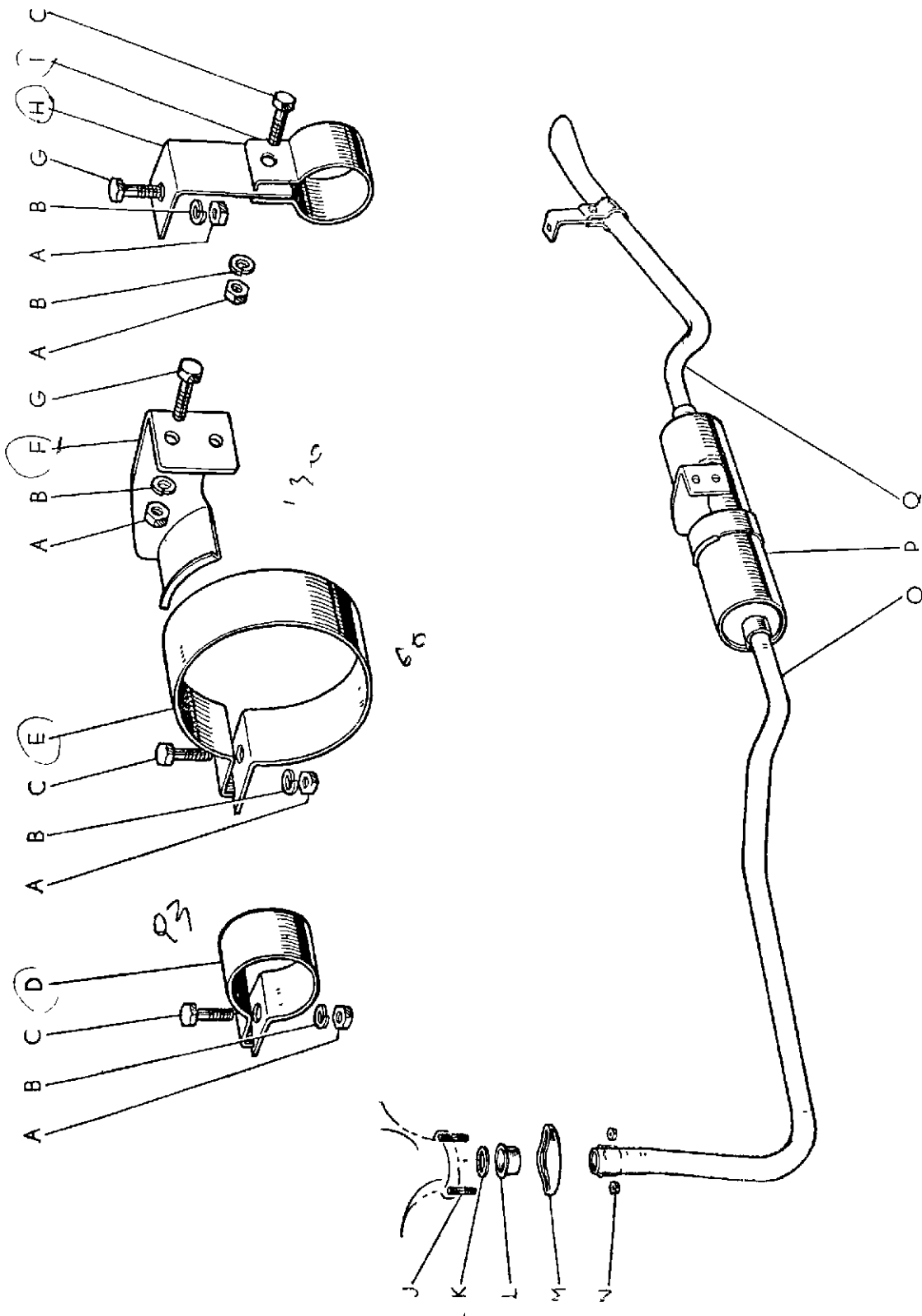


MANIFOLD & HEAT DAMPER

(FIG. 15)

	2BJ	17100	Manifold assembly (include illustrations—E, J, W~AA of Fig.—15)	1	FJ28. FJ28L
	BX	17200	Damper assembly, heat (include illustrations—K~S of Fig.—15)	1	FJ28. FJ28L
	F	17301	Packing complete, manifold (include illustrations—A, C of Fig.—15)	1	FJ28. FJ28L
A	F	17342	Packing, manifold end	2	FJ28. FJ28L
B	F	17211	Collar, intake manifold (Large)	2	FJ28. FJ28L
C	F	17341	Packing, manifold center	1	FJ28. FJ28L
D	F	17212	Collar, intake manifold (Small)	1	FJ28. FJ28L
E	TNN	1008	Nut	2	FJ28. FJ28L
F	TNN	1008Z	Nut	2	FJ28. FJ28L
G		1955	Bolt, carburetor set stud	2	FJ28. FJ28L
H	BX	17462	Cap, intake manifold suction plug gum	1	FJ28. FJ28L
I	BX	17461	Plug, intake manifold suction hole	1	FJ28. FJ28L
J	FJ	17111	Manifold, intake	1	FJ28. FJ28L
K	JNT	0605	Nut	1	FJ28. FJ28L
L	SWH	06	Washer, spring	1	FJ28. FJ28L
M	BX	17213	Case, heat damper bimetal set	1	FJ28. FJ28L
N	BX	17216	Pin, heat damper case knock	1	FJ28. FJ28L
O	BX	17217	Bolt, heat damper case knock stud	1	FJ28. FJ28L
P	BX	17211	Coil, heat control damper	1	FJ28. FJ28L
Q		1933	Damper, manifold heat control	1	FJ28. FJ28L
R	B	17201	Shaft complete, manifold heat damper	1	FJ28. FJ28L
S	BX	17221	Stopper, manifold heat control counter weight	1	FJ28. FJ28L
T	F	11181	Bolt, exhaust manifold knock	2	FJ28. FJ28L
U		1951	Washer, manifold clamp	2	FJ28. FJ28L
V	YBK	1030Z	Bolt	2	FJ28. FJ28L
W		1954	Bolt, intake & exhaust manifold stud	2	FJ28. FJ28L
X	FX	17151	Manifold, exhaust	1	FJ28. FJ28L
Y	YBK	1025T	Bolt	2	FJ28. FJ28L
Z	SWH	10	Washer, spring	2	FJ28. FJ28L
AA		1942	Packing, manifold	1	FJ28. FJ28L
AB		1950	Clamp, manifold	4	FJ28. FJ28L
AC	YBK	1035Z	Bolt	4	FJ28. FJ28L

FIG.—16 EXHAUST PIPE & MUFFLER



ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
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EXHAUST PIPE & MUFFLER

(FIG. 16)

A	TNN 1008	Nut	7	
B	SWH 10	Washer, spring	7	
C	TBN 1025	Bolt	4	
D	KB 2509	Clamp, muffler inlet pipe	2	FJ28. FJ28L
E	FJ24 23212	Band, muffler clamp	1	FJ28. FJ28L
F	FJ24 23211	Bracket, muffler clamp	1	FJ28. FJ28L
G	TBN 1020	Bolt	3	
H	BQ 23214	Bracket, rear exhaust pipe clamp (B)	1	FJ28. FJ28L
I	BL 23211	Clamp, exhaust pipe	1	FJ28. FJ28L
J	1956	Bolt, exhaust pipe set stud	2	FJ28. FJ28L
K	F 23213	Packing, exhaust pipe	1	FJ28. FJ28L
L	F 23214	Collar, exhaust pipe end	1	FJ28. FJ28L
M	F 23215	Flange, exhaust pipe packing	1	FJ28. FJ28L
N	1952	Nut, manifold clamp and exhaust pipe set	2	FJ28. FJ28L
	FJ24 23101	Pipe complete, front exhaust (include illustrations—L, O of Fig.—16)	1	FJ28. FJ28L
Q	FJ24 23111	Pipe, front exhaust	1	FJ28. FJ28L
P	BJ 23130	Muffler assembly	1	FJ28. FJ28L
Q	FJ24 23181	Pipe, rear exhaust	1	FJ28. FJ28L

SPACE FOR MEMO

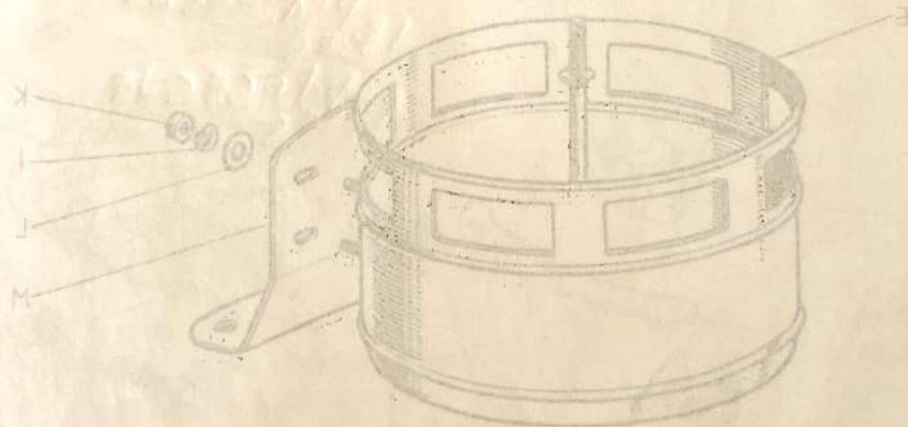
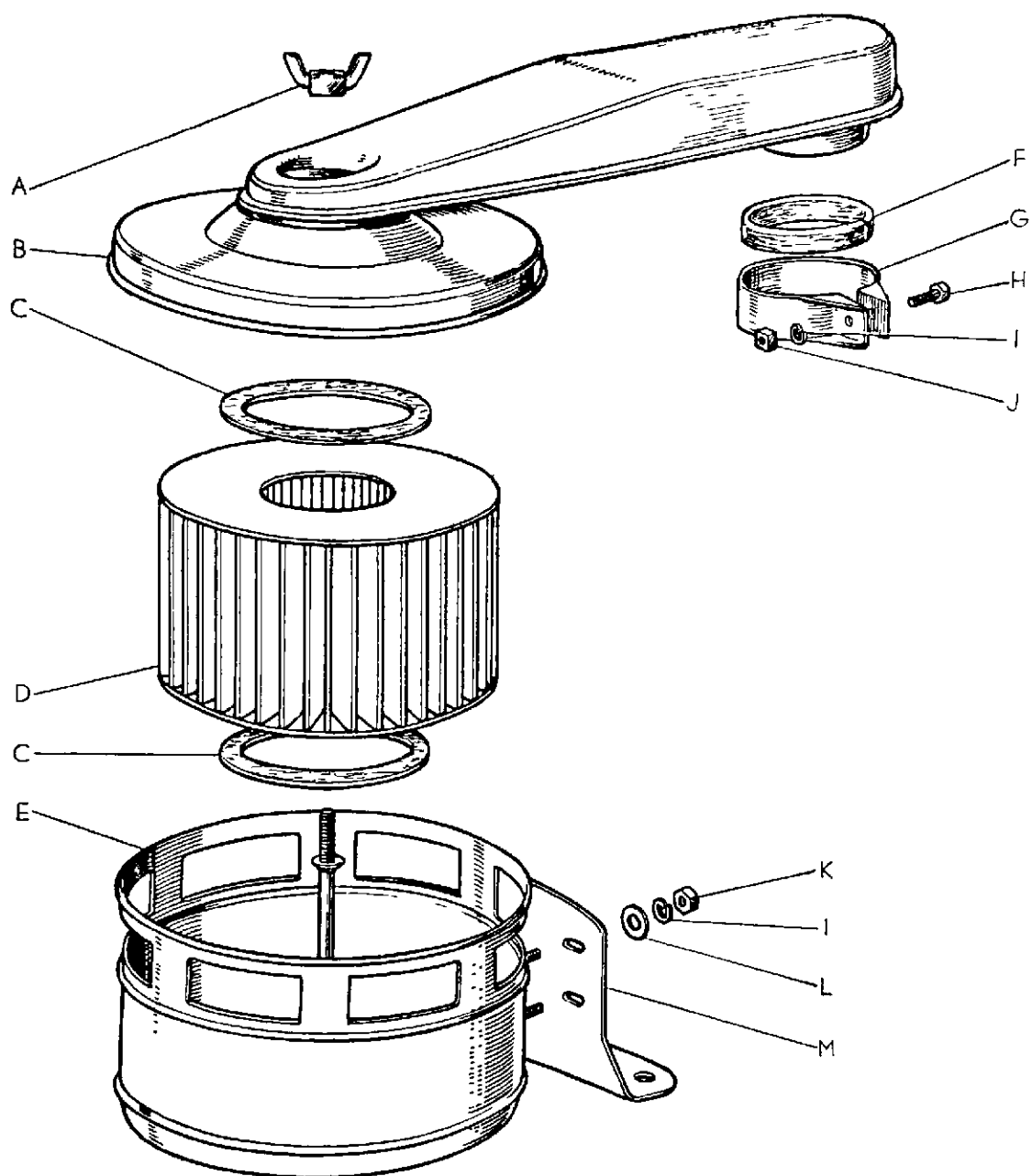


FIG.—17 AIR CLEANER



ILLUS- TRATION	PART NO.	NOMENCLATURE	P E R UNIT	MODEL
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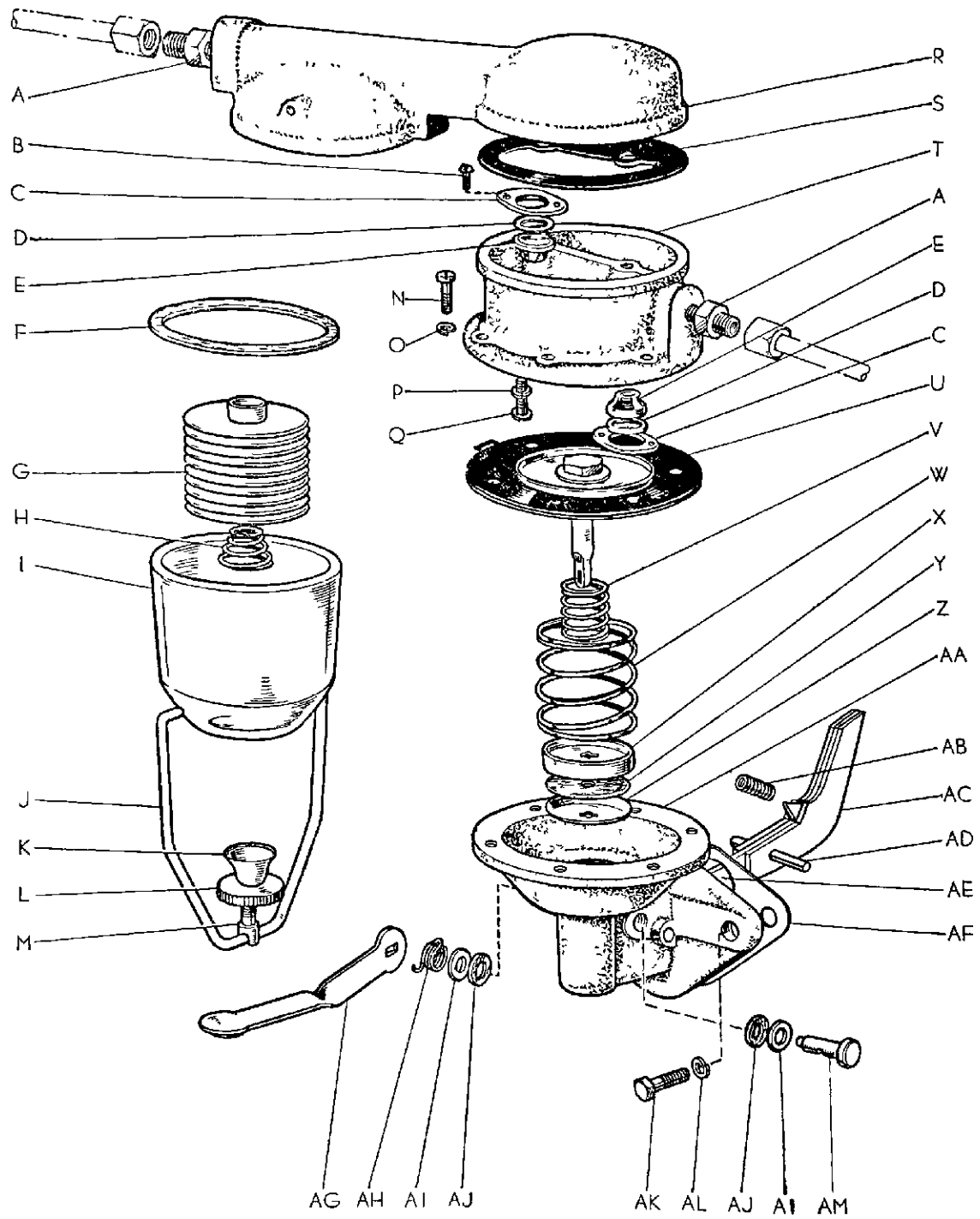
AIR CLEANER

(FIG 17)

	2BJ	23310	Cleaner assembly, air (include illustrations—A~J of Fig.—17)	1	FJ28
	BJ25L	23310	Cleaner assembly, air	1	FJ28L
A	F	23301	Nut complete, air cleaner cap	1	FJ28 FJ28L
B	2BJ	23302	Cap complete, air cleaner	1	FJ28. FJ28L
C	2BJ	23331	Packing, air cleaner filter	2	FJ28. FJ28L
D	BX	23302	Element complete, air cleaner filter	1	FJ28. FJ28L
	2BJ	23320	Case assembly, air cleaner (include illustrations—A~C, E of Fig.—17)	1	FJ28
	BJ25L	23320	Case assembly, air cleaner	1	FJ28L
E	2BJ	23301	Case complete, air cleaner	1	FJ28. FJ28L
F	FA	23329	Packing, air cleaner outlet collar	1	FJ28. FJ28L
G		2466	Clamp, air cleaner outlet collar	1	FJ28. FJ28L
H	JBN	0635TZ	Bolt	1	
I	SWH	06	Washer, spring	5	
J	FNT	0605	Nut	1	
K	JNN	0605	Nut	4	
L	PWL	2006	Washer, plate	4	
M	BQ	18321	Bracket, air cleaner	1	FJ28. FJ28L

SPACE FOR MEMO

FIG.—18 FUEL PUMP



ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
FUEL PUMP (Kyosan)				
"Fuel pump supplied is of either Kyosan or Aisan or Nikki product."				
(FIG.18)				
K-F	25400	Pump assembly, fuel (include illustrations—A~AE, AG~AJ, AM of Fig.—18)	1	FJ28. FJ28L
F	254-11	Pump STD repair kit, fuel (For replacement) (include illustrations—B~E, S, U~W, Y, AB~AF of Fig.—18)	1	FJ28. FJ28L
F	254-21	Pump economy kit, fuel (For replacement) (include illustrations—D, E, S, U, AC~AE of Fig.—18)	1	FJ28. FJ28L
F	254-31	Valve kit, fuel pump (For replacement) (include illustrations—B~E, S of Fig.—18)	1	FJ28. FJ28L
F	254-41	Arm kit, fuel pump rocker (For replacement) (include illustrations—AB~AE of Fig.—18)	1	FJ28. FJ28L
F	254-51	Diaphragm kit, fuel pump (For replacement) (include illustrations—U~W, Y of Fig.—18)	1	FJ28. FJ28L
A	2342	Nipple, fuel pump union	2	FJ28. FJ28L
B	K-B 25449	Screw, valve retainer set	4	FJ28. FJ28L
C	F 25448	Retainer, valve	2	FJ28. FJ28L
D	K-B 25447	Packing, valve	2	FJ28. FJ28L
E	K-B 25440	Valve complete	2	FJ28. FJ28L
F	K-B 25414	Gasket, filter bowl	1	FJ28. FJ28L
G	BX 25430	Screen complete, filter	1	FJ28. FJ28L
H	K-BX 25439	Spring, filter screen set	1	FJ28. FJ28L
I	K-BX 25415	Bowl, filter	1	FJ28. FJ28L
K-B	25420	Bail complete, filter bowl (include illustrations—J~M of Fig.—18)	1	FJ28. FJ28L
J	K-B 25421	Bail, filter bowl	1	FJ28. FJ28L
K	K-B 25424	Seat, filter bowl bail	1	FJ28. FJ28L
L	K-B 25423	Nut, filter bowl bail	1	FJ28. FJ28L
M	K-B 25422	Screw, filter bowl bail set	1	FJ28. FJ28L
K-B	25425	Washer, filter bowl bail set screw	1	FJ28. FJ28L
N	K-B 25477	Screw, cover stop	6	FJ28. FJ28L
O	K-B 25478	Washer, cover stop screw	6	FJ28. FJ28L
P	F 25419	Washer, upper body set screw	2	FJ28. FJ28L
Q	F 25418	Screw, upper body set	2	FJ28. FJ28L
R	F 25411	Cover, pump	1	FJ28. FJ28L
S	F 25401	Packing complete, pump cover	1	FJ28. FJ28L
T	F 25413	Body, pump upper	1	FJ28. FJ28L
U	K-B 25450	Diaphragm complete	1	FJ28. FJ28L
V	K-B 25465	Spring, oil seal	1	FJ28. FJ28L
W	K-B 25461	Spring, diaphragm	1	FJ28. FJ28L
X	K-B 25462	Retainer, oil seal spring	1	FJ28. FJ28L
Y	K-B 25463	Packing, oil seal	2	FJ28. FJ28L

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ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
(FIG.18)				
Z	K-B 25464	Retainer, oil seal packing	1	FJ28. FJ28L
AA	K-B 25412	Body, pump	1	FJ28. FJ28L
AB	K-B 25475	Spring, rocker arm	1	FJ28. FJ28L
AC	K-B 25470	Arm complete, rocker	1	FJ28. FJ28L
AD	K-B 25476	Pin, rocker arm	1	FJ28. FJ28L
AE	K-B 25474	Link, rocker arm	1	FJ28. FJ28L
AF	2343	Packing, fuel pump	1	FJ28. FJ28L
	K-F 25480	Lever complete, hand	1	FJ28. FJ28L
		(include illustrations—AG~AJ, AM of Fig.—18)		
AG	R 25481	Lever, hand	1	FJ28. FJ28L
AH	R 25485	Spring, back	1	FJ28. FJ28L
AI	R 25484	Retainer, hand lever packing	2	FJ28. FJ28L
AJ	R 25486	Packing, hand lever	2	FJ28. FJ28L
AK	TBN 0820TZ	Bolt	2	
AL	SWH 08	Washer, spring	2	
AM	K-B 25482A	Pin, hand lever	1	FJ28. FJ28L

FUEL PUMP (Aisan)

"Fuel pump supplied is of either Aisan or Kyosan or Nikki product."

(FIG.18)				
A-F	25400	Pump assembly, fuel		
		(include illustrations—A~AE, AG, AI, AJ, AM of Fig.—18)		
A	2342	Nipple, fuel pump union		
B	A-B 25449	Screw, valve retainer set		
C	F 25448	Retainer, valve		
D	A-B 25447	Packing, valve		
E	A-B 25440	Valve complete		
F	A-B 25414	Gasket, filter bowl		
G	BX 25430	Screen complete, filter		
H	A-BX 25439	Spring, filter screen set		
I	A-BX 25415	Bowl, filter		
J	A-B 25420	Bail complete, filter bowl		
		(include illustrations—J~M of Fig.—18)		
K	A-B 25421	Bail, filter bowl		
L	A-B 25424	Seat, filter bowl bail		
M	A-B 25423	Nut, filter bowl bail		
N	A-B 25422	Screw, filter bowl bail set		
O	A-B 25477	Bolt, pump cover set		
P	F 25419	Washer, pump cover set bolt		
Q	F 25418	Washer, upper body set screw		
R	F 25411	Screw, upper body set		
S	F 25401	Cover, pump		
		Packing, complete pump cover		

ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
(FIG.18)				
T	F 25413	Body, pump upper	1	FJ28. FJ28L
U	A-B 25450	Diaphragm complete	1	FJ28. FJ28L
V	A-B 25465	Spring, oil seal	1	FJ28. FJ28L
W	A-B 25461	Spring, diaphragm	1	FJ28. FJ28L
X	A-B 25462	Retainer, oil seal spring	1	FJ28. FJ28L
Y	A-B 25463	Packing, oil seal	2	FJ28. FJ28L
Z	A-B 25464	Retainer, oil seal packing	1	FJ28. FJ28L
AA	A-B 25412	Body, pump	1	FJ28. FJ28L
AB	A-B 25475	Spring, rocker arm	1	FJ28. FJ28L
AC	A-B 25470	Arm complete, rocker	1	FJ28. FJ28L
AD	A-B 25476	Pin, rocker arm	1	FJ28. FJ28L
AE	A-B 25474	Link, rocker arm	1	FJ28. FJ28L
AF	2343	Packing, fuel pump	1	FJ28. FJ28L
	A-B 25480	Lever complete, hand (include illustrations—AG, AI, AJ, AM of Fig.—18)	1	FJ28. FJ28L
AG	A-B 25481	Lever, hand	1	FJ28. FJ28L
AH				
AI	A-B 25484	Retainer, hand lever packing	2	FJ28. FJ28L
AJ	A-B 25483	Packing, hand lever	2	FJ28. FJ28L
AK	TBN 0820TZ	Bolt	2	FJ28. FJ28L
AL	SWH 08	Washer, spring	2	FJ28. FJ28L
AM	A-B 25482	Pin, hand lever	1	FJ28. FJ28L

FUEL PUMP (Nikki)

"Fuel pump supplied is of either Nikki or Kyosan or Aisan product."

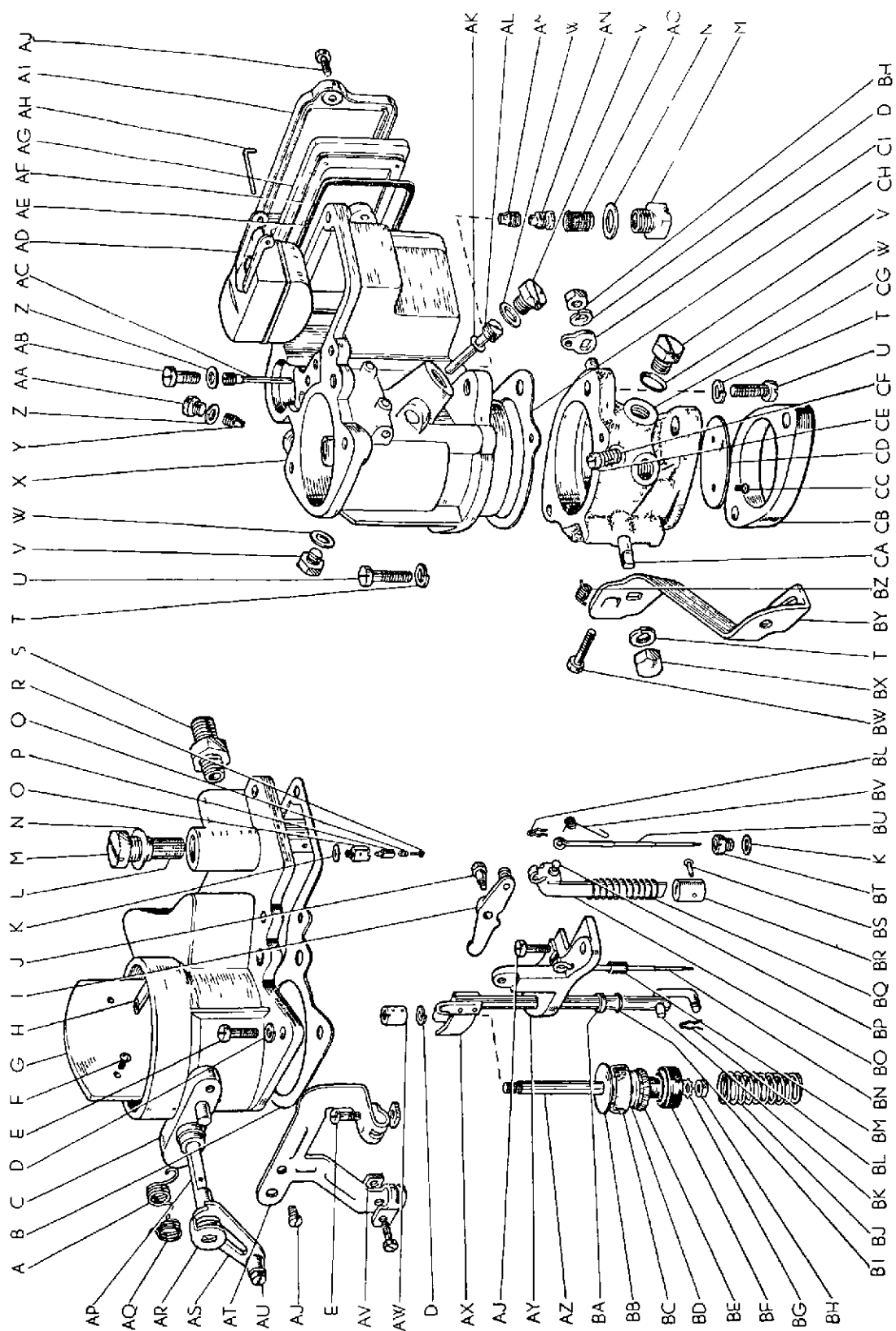
(FIG.18)

N-F	25400	Pump assembly, fuel (include illustrations—A~AE, AG, AI, AJ, AM of Fig.—18)	1	FJ28. FJ28L
A	2342	Nipple, fuel pump union	2	FJ28. FJ28L
B	N-B 25449	Screw, valve retainer set	4	FJ28. FJ28L
C	F 25448	Retainer, valve	2	FJ28. FJ28L
D	N-B 25447	Packing, valve	2	FJ28. FJ28L
E	N-B 25440	Valve complete	2	FJ28. FJ28L
F	N-B 25414	Gasket, filter bowl	1	FJ28. FJ28L
G	BX 25430	Screen complete, filter	1	FJ28. FJ28L
H	N-BX 25439	Spring, filter screen set	1	FJ28. FJ28L
I	N-BX 25415	Bowl, filter	1	FJ28. FJ28L
	N-B 25420	Bail complete, filter bowl (include illustrations—J~M of Fig.—18)	1	FJ28. FJ28L
J	N-B 25421	Bail, filter bowl	1	FJ28. FJ28L
K	N-B 25424	Seat, filter bowl bail	1	FJ28. FJ28L
L	N-B 25423	Nut, filter bowl bail	1	FJ28. FJ28L
M	N-B 25422	Screw, filter bowl bail set	1	FJ28. FJ28L

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ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
(FIG.18)			6	FJ28. FJ28L
N	N-B 25477	Bolt, pump cover set	6	FJ28. FJ28L
O	N-B 25478	Washer, pump cover set bolt	2	FJ28. FJ28L
P	F 25419	Washer, upper body set screw	2	FJ28. FJ28L
Q	F 25418	Screw, upper body set	1	FJ28. FJ28L
R	F 25411	Cover, pump	1	FJ28. FJ28L
S	F 25401	Packing complete, pump cover	1	FJ28. FJ28L
T	F 25413	Body, pump upper	1	FJ28. FJ28L
U	N-B 25450	Diaphragm complete	1	FJ28. FJ28L
V	N-B 25465	Spring, oil seal	1	FJ28. FJ28L
W	N-B 25461	Spring, diaphragm	1	FJ28. FJ28L
X	N-B 25462	Retainer, oil seal spring	2	FJ28. FJ28L
Y	N-B 25463	Packing, oil seal	1	FJ28. FJ28L
Z	N-B 25464	Retainer, oil seal packing	1	FJ28. FJ28L
AA	N-B 25412	Body, pump	1	FJ28. FJ28L
AB	N-B 25475	Spring, rocker arm	1	FJ28. FJ28L
AC	N-B 25470	Arm complete, rocker	1	FJ28. FJ28L
AD	N-B 25476	Pin, rocker arm	1	FJ28. FJ28L
AE	N-B 25474	Link, rocker arm	1	FJ28. FJ28L
AF	2343	Packing, fuel pump	1	FJ28. FJ28L
	N-B 25480	Lever complete, hand (include illustrations—AG, AI, AJ, AM of Fig —18)	1	FJ28. FJ28L
AG	N-B 25481	Lever, hand	1	FJ28. FJ28L
AH				
AI	N-B 25484	Retainer, hand lever packing	2	FJ28. FJ28L
AJ	N-B 25483	Packing, hand lever	2	FJ28. FJ28L
AK	TBN 0820TZ	Bolt	2	
AL	SWH 08	Washer, spring	2	
AM	N-B 25482	Pin, hand lever	1	FJ28. FJ28L

FIG.—19 CARBURETOR



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ILLUS- TRATION	PART NO.	NOMENCLATURE	P E R UNIT	MODEL
CARBURETOR				
(FIG 19)				
	FJ25 25500	Carburetor assembly (include illustrations—A~CA, CC~CI of Fig—19)	1	FJ28, FJ28L
	FJ25 255-11	Carburetor STD repair kit (For replacement) (include illustrations—B, K, O~R, Y, Z, AC, AE, AG, AL ~AN, BL, BT~BV, CE, CH of Fig—19)	1	FJ28, FJ28L
	FJ25 255-21	Carburetor economy kit (A) (For replacement) (include illustrations—K, O~R, Z, AC, BL, BT, BU, CE, CH of Fig.—19)	1	FJ28, FJ28L
	FJ25 255-31	Carburetor economy kit (B) (For replacement) (include illustrations—K, Z, AC, BT, BU of Fig.—19)	1	FJ28, FJ28L
	F 255-41	Gasket set, carburetor (For replacement) (include illustrations—B, K, N, Z, CH of Fig.—19)	1	FJ28, FJ28L
A	F 25665	Spring, choke valve lever	1	FJ28, FJ28L
B	F 25628	Gasket, body	1	FJ28, FJ28L
C	F 25651	Horn, air	1	FJ28, FJ28L
D	F 25831	Washer, spring	11	FJ28, FJ28L
E	F 25812	Screw, set	7	FJ28, FJ28L
F	F 25658	Screw, chock valve set	2	FJ28, FJ28L
G	F 25657	Valve, chock	1	FJ28, FJ28L
H	F 25655	Tube, air vent	1	FJ28, FJ28L
I	F 25501	Arm complete, counter	1	FJ28, FJ28L
J	F 25522	Screw, counter arm supporting	1	FJ28, FJ28L
K	F 25834	Gasket, fiber	2	FJ28, FJ28L
L	F 25686	Screen, inlet strainer	1	FJ28, FJ28L
M	F 25821	Plug, nut	2	FJ28, FJ28L
N	F 25836	Packing	2	FJ28, FJ28L
O	F 25671	Seat, needle	1	FJ28, FJ28L
P	F 25672	Valve, needle	1	FJ28, FJ28L
Q	F 25674	Spring, needle valve	1	FJ28, FJ28L
R	F 25673	Pin, needle valve push	1	FJ28, FJ28L
S	F 25687	Nipple, fuel pump union	1	FJ28, FJ28L
T	F 25832	Washer, spring	3	FJ28, FJ28L
U	F 25776	Screw, body set	2	FJ28, FJ28L
V	F 25822	Plug, nut	3	FJ28, FJ28L
W	F 25835	Gasket, fiber	3	FJ28, FJ28L
X	F 25511	Body, main	1	FJ28, FJ28L
Y	F 25584	Jet, pump	1	FJ28, FJ28L
Z	F 25833	Packing	2	FJ28, FJ28L
AA	F 25583	Screw, pump jet passage	1	FJ28, FJ28L
AB	F 25627	Screw, slow jet passage	1	FJ28, FJ28L
AC	F 25601	Jet complete, slow	1	FJ28, FJ28L
AD	F 25607	Float complete	1	FJ28, FJ28L

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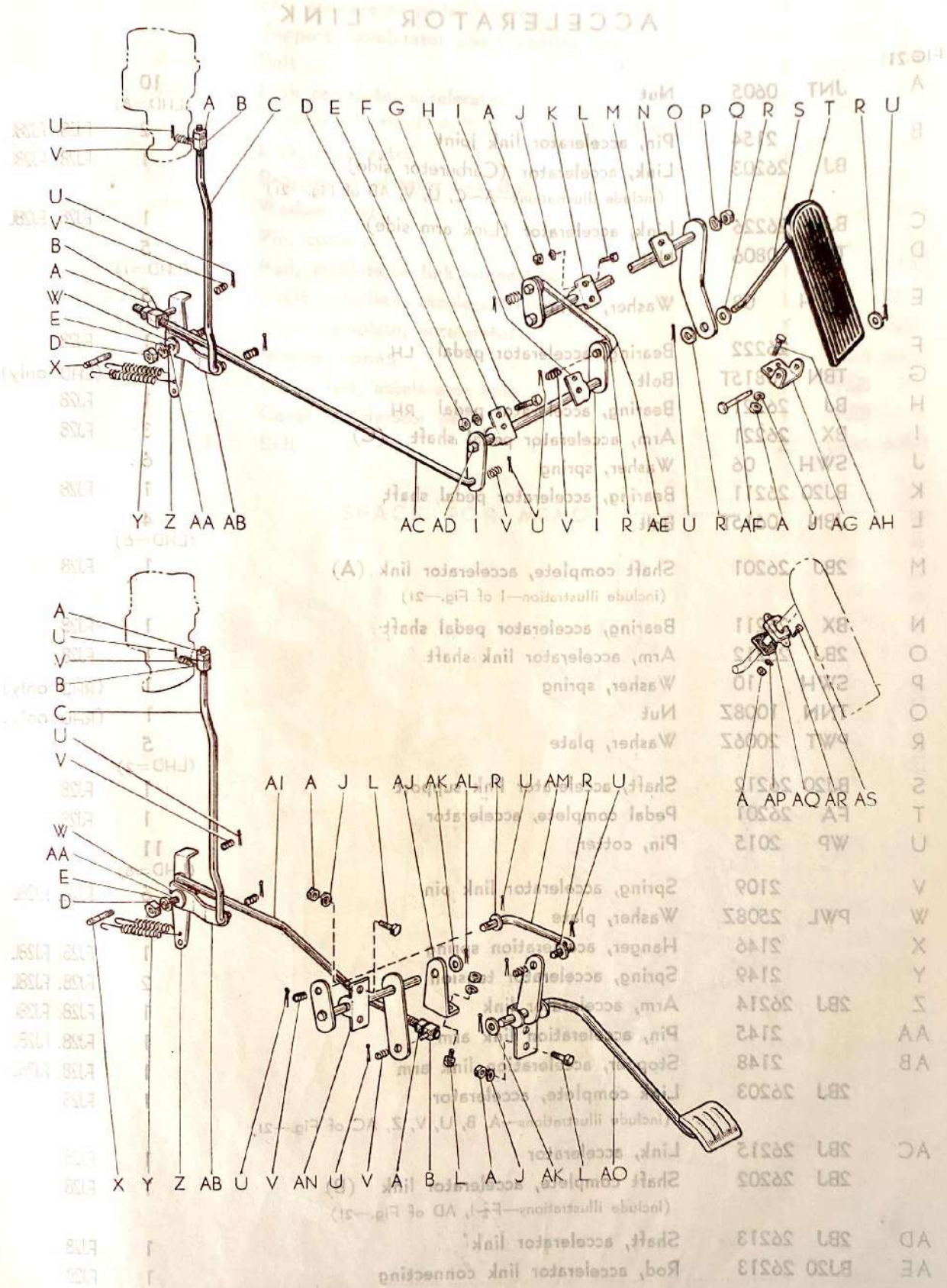
ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
(FIG. 19)				
AE	F 25634	Packing, oil level gauge	1	FJ28. FJ28L
AF	F 25610	Gauge assembly, oil level (include illustrations—AF, AG of Fig.—19)	1	FJ28. FJ28L
AG	F 25632	Pat, oil level gauge vinyl	1	FJ28. FJ28L
AH	F 25631	Gauge, oil level	1	FJ28. FJ28L
AI	F 25685	Pin, float	1	FJ28. FJ28L
AJ	F 25633	Plate, oil level gauge holder	1	FJ28. FJ28L
AK	F 25811	Screw, set	5	FJ28. FJ28L
AL	F 25612	Washer, high speed nozzle	1	FJ28. FJ28L
AM	F 25611	Nozzle, high speed	1	FJ28. FJ28L
AN	F 25505	Check complete, discharge ball	1	FJ28. FJ28L
AO	F 25504	Check complete, intake ball	1	FJ28. FJ28L
AP	F 25595	Screen, pump strainer	1	FJ28. FJ28L
AQ	F 25656	Shaft, choke valve	1	FJ28. FJ28L
AR	F 25667	Spring, choke shaft lever	1	FJ28. FJ28L
AS	F 25666	Lever, choke shaft	1	FJ28. FJ28L
AT	F 25606	Lever complete, choke valve (include illustration—AU of Fig.—19)	1	FJ28. FJ28L
AU	F 25668	Clamp, tube	1	FJ28. FJ28L
AV	F 25664	Screw, wire clamp	1	FJ28. FJ28L
AW	F 25824	Nut	1	FJ28. FJ28L
AX	F 25581	Nut, pump rod lock	1	FJ28. FJ28L
AY	F 25502	Rod complete, lifter	1	FJ28. FJ28L
	F 25526	Block, operating	1	FJ28. FJ28L
	F 25570	Pump assembly, accelerating (include illustrations—AZ, BB~BH of Fig.—19)	1	FJ28. FJ28L
AZ	F 25571	Rod, accelerating pump	1	FJ28. FJ28L
BA	F 25518	Spacer, "O" ring set	1	FJ28. FJ28L
BB	F 25572	Retainer, plunger leather (Outside)	1	FJ28. FJ28L
BC	F 25573	Leather, plunger	1	FJ28. FJ28L
BD	F 25575	Retainer, plunger leather (Inside)	1	FJ28. FJ28L
BE	F 25577	Spring, plunger	1	FJ28. FJ28L
BF	F 25574	Cap, plunger	1	FJ28. FJ28L
BG	F 25576	Washer, plunger shaft lock	1	FJ28. FJ28L
BH	F 25823	Nut	2	FJ28. FJ28L
BI	F 25517	"O" Ring	1	FJ28. FJ28L
BJ	F 25578	Spring, accelerating pump	1	FJ28. FJ28L
BK	F 25535	Link, throttle connecting	1	FJ28. FJ28L
BL	F 25837	Ring, snap	2	FJ28. FJ28L
BM	F 25635	Holder gum, oversize rod	1	FJ28. FJ28L
BN	FJ25 25546-1	Rod, metering O/S	1	FJ28. FJ28L
	F 25503	Piece complete, metering rod adjusting (include illustrations—BO~BS of Fig.—19)	1	FJ28. FJ28L
BO	F 25541	Piece, metering rod adjusting	1	FJ28. FJ28L

GASOLINE TANK & BAND

(FIG. 20)

	BJ25 25110	Tank assembly, gasoline (include illustrations—A~D, H~M, Z, AA of Fig.—20)	1	FJ28. FJ28L
	RK62 25104	Cap with chain complete, gasoline tank	1	FJ28. FJ28L
	BJ25L25160	Cap assembly with key, gasoline tank (Optional)	1	FJ28L
A	BY 25105	Cap complete, gasoline tank	1	FJ28. FJ28L
B	BY 25164	Packing, gasoline tank cap	1	FJ28. FJ28L
C	BJ25 25103	Strainer complete, gasoline tank	1	FJ28. FJ28L
D	BJ25 25102	Pipe complete, gasoline tank inlet	1	FJ28. FJ28L
E	BJ25 25171	Pipe gum, gasoline tank outer inlet	1	FJ28. FJ28L
F	TBN 0630TZ	Bolt	2	
G	FJ25 61129	Bracket, gasoline tank band rear	2	FJ28. FJ28L
H	MBN 0410Z	Bolt	5	
I	SWH 04	Washer, spring	5	
J	FA70 57402	Gauge unit complete, gasoline	1	FJ28. FJ28L
K	SF 57759	Packing, gasoline tank gauge	1	FJ28. FJ28L
L	BJ25 25105	Pipe complete, gasoline tank suction	1	FJ28. FJ28L
M	BJ25 25101	Tank complete, gasoline	1	FJ28. FJ28L
N	BJ25 25205	Band front complete, gasoline tank	2	FJ28. FJ28L
O	BJ25 25223	Shim, gasoline tank band packing front	2	FJ28. FJ28L
P	SB 25264	Pin, gasoline tank band packing	10	FJ28. FJ28L
Q	2344	Sleeve, fuel & gasoline pipe coupling	2	FJ28. FJ28L
R	2345	Nut, fuel & gasoline pipe union	2	FJ28. FJ28L
	BQ 18501	Pipe complete, fuel & vacuum control (includes illustrations—Q~U of Fig.—20 and illustrations—F, G of Fig.—26)	1	FJ28. FJ28L
	BQ 18502	Pipe complete, fuel pump carburetor (include illustrations—Q~S of Fig.—20)	1	FJ28. FJ28L
S	BQ 18511	Pipe, fuel pump carburetor	1	FJ28. FJ28L
T	F 18181	Clamp, fuel & suction pipe support	1	FJ28. FJ28L
U	2121	Band, fuel pipe	3	FJ28. FJ28L
V	SWL 06	Washer, spring	2	
W	JNT 0605	Nut	2	
X	BJ25 25206	Band rear complete, gasoline tank	2	FJ28. FJ28L
Y	BJ25 25224	Shim, gasoline tank band packing rear	2	FJ28. FJ28L
Z	4631	Packing, gasoline tank drain screw	1	FJ28. FJ28L
AA	4675	Screw, gasoline tank drain	1	FJ28. FJ28L
AB	BJ25 61128	Bracket, gasoline tank band	4	FJ28. FJ28L
AC	BJ25 25202	Pipe complete, gasoline	1	FJ28. FJ28L
AD	BJ 47223	Bushing, front brake flexible hose tension spring lower clamp	1	FJ28. FJ28L
AE	BJ 25217	Clamp, gasoline pipe	1	FJ28. FJ28L

FIG.—21 ACCELERATOR LINK



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ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
ACCELERATOR LINK				
(FIG 21)				
A	JNT 0605	Nut	10 (LHD=8)	
B	2154	Pin, accelerator link joint	2	FJ28, FJ28L
	BJ 26203	Link, accelerator (Carburetor side) (include illustrations—A~C, U, V, AB of Fig—21)	1	FJ28, FJ28L
C	BJ 26226	Link, accelerator (Link arm side)	1	FJ28, FJ28L
D	TNN 0806	Nut	5 (LHD=1)	
E	SWH 08	Washer, spring	5 (LHD=1)	
F	BJ 26222	Bearing, accelerator pedal LH	1	FJ28
G	TBN 0815T	Bolt	4	(LHD only)
H	BJ 26221	Bearing, accelerator pedal RH	1	FJ28
I	BX 26221	Arm, accelerator pedal shaft (C)	3	FJ28
J	SWH 06	Washer, spring	6	
K	BJ20 26211	Bearing, accelerator pedal shaft	1	FJ28
L	JBN 0615T	Bolt	4 (LHD=6)	
M	2BJ 26201	Shaft complete, accelerator link (A) (include illustration—I of Fig—21)	1	FJ28
N	BX 26211	Bearing, accelerator pedal shaft	1	FJ28
O	2BJ 26212	Arm, accelerator link shaft	1	FJ28
P	SWH 10	Washer, spring	1	(RHD only)
Q	TNN 1008Z	Nut	1	(RHD only)
R	PWT 2006Z	Washer, plate	5 (LHD=2)	
S	BJ20 26212	Shaft, accelerator link support	1	FJ28
T	FA 26201	Pedal complete, accelerator	1	FJ28
U	WP 2015	Pin, cotter	11 (LHD=8)	
V	2109	Spring, accelerator link pin	6	FJ28, FJ28L
W	PWL 2508Z	Washer, plate	1	
X	2146	Hanger, acceleration spring	1	FJ28, FJ28L
Y	2149	Spring, accelerator tension	2	FJ28, FJ28L
Z	2BJ 26214	Arm, accelerator link	1	FJ28, FJ28L
AA	2145	Pin, acceleration link arm	1	FJ28, FJ28L
AB	2148	Stopper, acceleration link arm	1	FJ28, FJ28L
	2BJ 26203	Link complete, accelerator (include illustrations—A, B, U, V, Z, AC of Fig—21)	1	FJ28
AC	2BJ 26215	Link, accelerator	1	FJ28
	2BJ 26202	Shaft complete, accelerator link (B) (include illustrations—F~I, AD of Fig—21)	1	FJ28
AD	2BJ 26213	Shaft, accelerator link	1	FJ28
AE	BJ20 26213	Rod, accelerator link connecting	1	FJ28

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ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
(FIG.21)				
AF	FA 26214	Pin, accelerator pedal bearing	1	FJ28
AG	FA 26213	Support, accelerator pedal bearing pin	1	FJ28
AH	JBN 0615	Bolt	2	(RHD only)
	BJ25L26203	Link complete, accelerator (include illustrations—A, B, R, U, V, Z, AI of Fig.—21)	1	FJ28L
AI	BJ25L26219	Link, accelerator	1	FJ28L
AJ	BJ25L26217	Bearing, accelerator link shaft	1	FJ28L
AK	PWL 0010Z	Washer, plate	2	(LHD only)
AL	WP 3020	Pin, cotter	2	(LHD only)
AM	BJ25L26218	Rod, accelerator link connecting	1	FJ28L
AN	BJ25L26202	Shaft complete, accelerator link	1	FJ28L
AO	BJ25L26201	Pedal complete, accelerator	1	FJ28L
AP	SWL 06	Washer, spring	2	(RHD only)
AQ	BJ25 53136	Cover felt, accelerator hole	1	FJ28
AR	RK 53421	Cover, accelerator pedal hole	1	FJ28
AS	JBN 0610Z	Bolt	2	(RHD only)

SPACE FOR MEMO

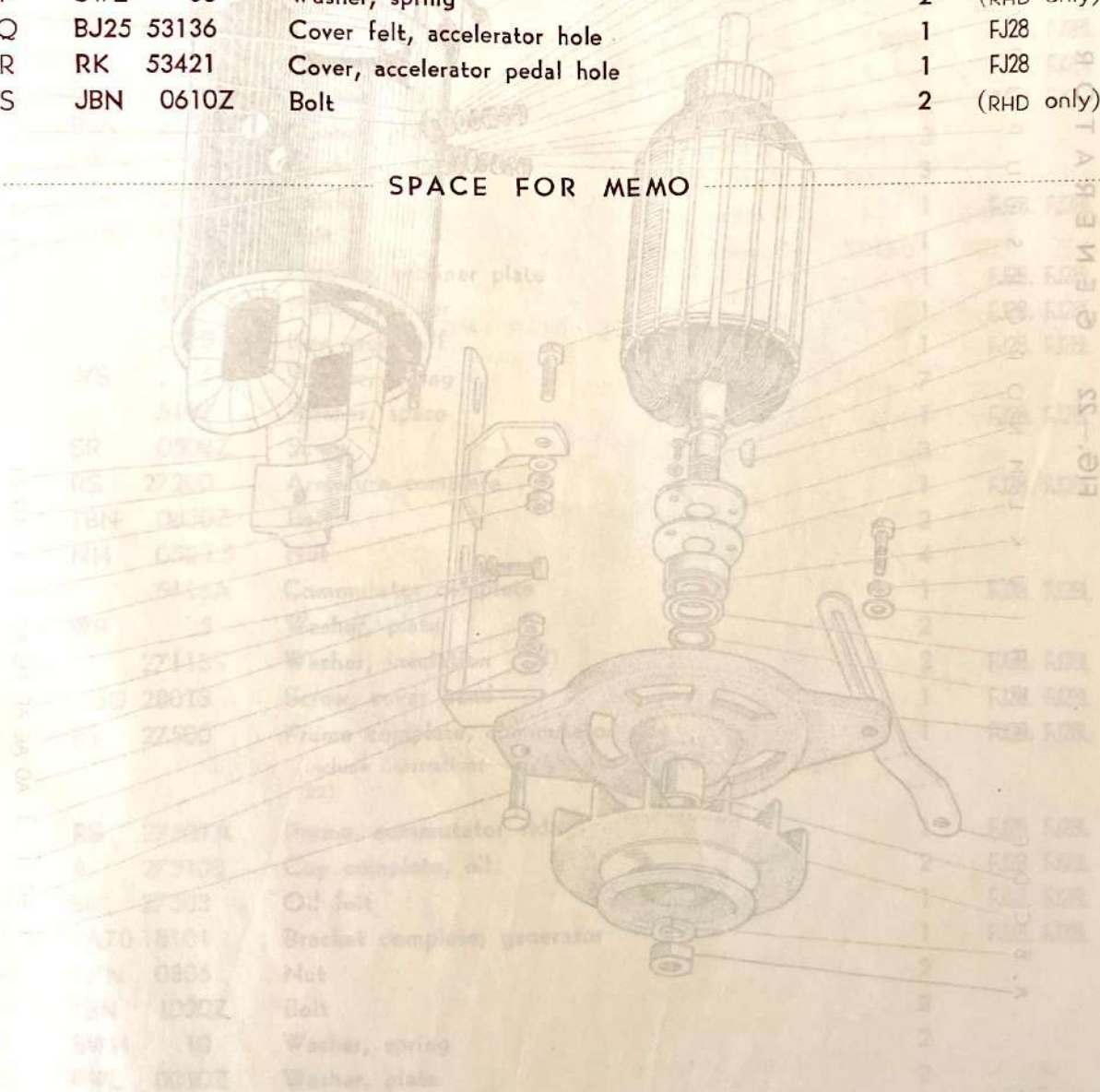
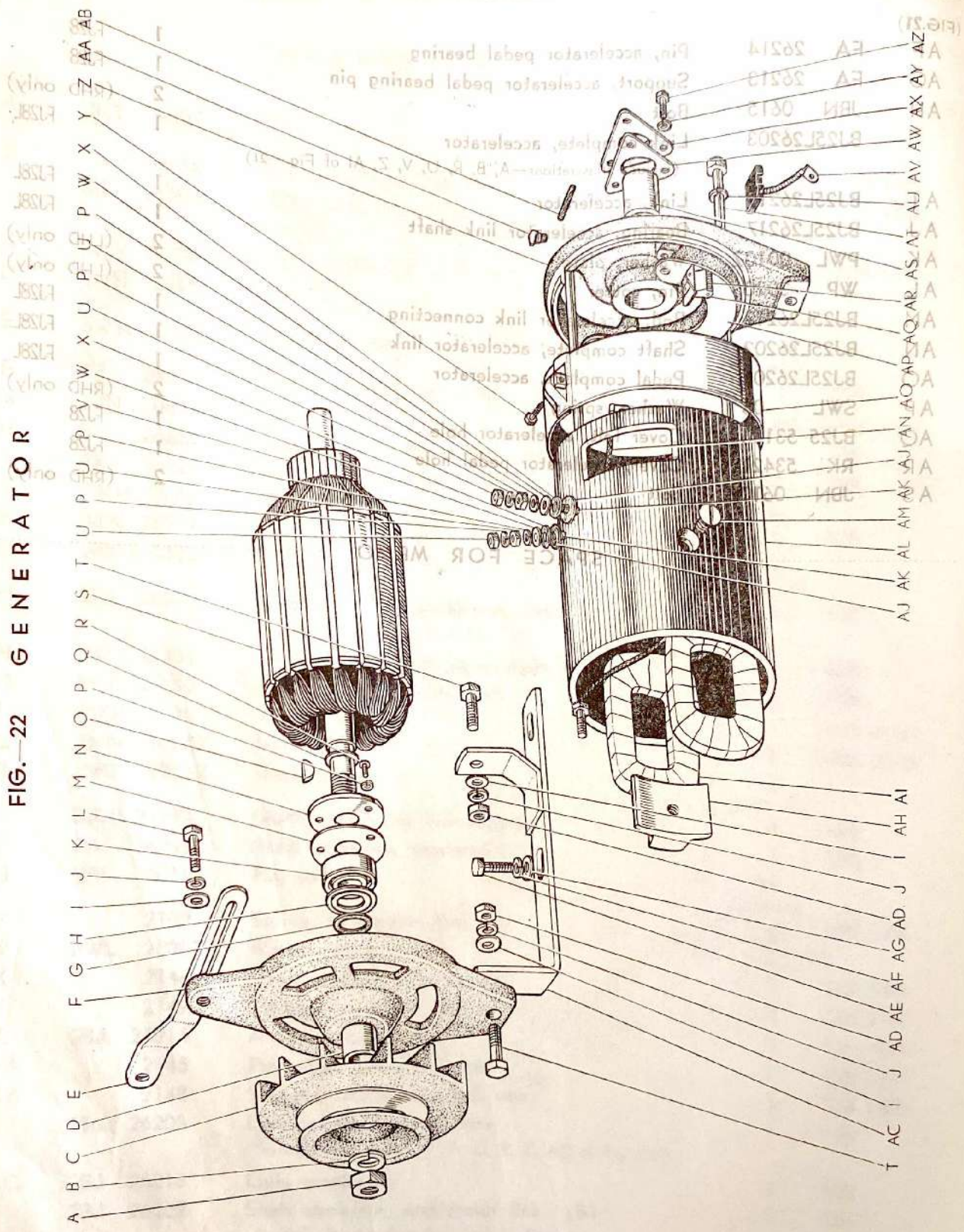


FIG.—22 GENERATOR



LAND CRUISER

ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
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GENERATOR

(FIG 22)

	FA70 27000	Generator assembly (include illustrations A~D, F~H, K, M~S, U~AB, AH~ AZ of Fig.—22)	1	FJ28 FJ28L
A	A 27203	Nut, pulley lock	1	FJ28. FJ28L
B	A 27204	Washer, spring	1	FJ28. FJ28L
C	TOBC27202	Pulley	1	FJ28. FJ28L
D	5142	Collar, space	1	FJ28 FJ28L
E	FA70 18113	Bar, generator adjust	1	FJ28. FJ28L
	RS 27400	Frame complete, pulley end (include illustrations—D, F~H, K, M, N, P, R of Fig.—22)	1	FJ28 FJ28L
F	RS 27401	Frame, pulley end	1	FJ28. FJ28L
G	5143	Oil felt	1	FJ28. FJ28L
H	BX 27404	Washer, felt	1	FJ28 FJ28L
I	PWL 2508Z	Washer, plate	3	
J	SWH 08	Washer, spring	3	
K	5145	Bearing	1	FJ28. FJ28L
L	TBN 0820Z	Bolt	1	
M	5146	Packing, retainer plate	1	FJ28 FJ28L
N	5147	Plate, retainer	1	FJ28 FJ28L
O	5110	Key, woodruff	1	FJ28 FJ28L
P	WS 5	Washer, spring	7	
Q	5107	Washer, space	1	FJ28 FJ28L
R	SR 0508Z	Screw	3	
S	RS 27200	Armature complete	1	FJ28. FJ28L
T	TBN 0830Z	Bolt	2	
U	NH 0503.5	Nut	4	
V	5116A	Commutator complete	1	FJ28. FJ28L
W	WP 5	Washer, plate	2	
X	27113S	Washer, insulation (B)	2	FJ28. FJ28L
Y	EGD 28013	Screw, cover band	1	FJ28. FJ28L
	RS 27500	Frame complete, commutator side (include illustrations—Z~AB, AP~AS, AW~AZ of Fig.— 22)	1	FJ28. FJ28L
Z	RS 27501A	Frame, commutator side	1	FJ28. FJ28L
AA	A 27510B	Cup complete, oil	2	FJ28. FJ28L
AB	SB 27503	Oil felt	1	FJ28. FJ28L
AC	FA70 18101	Bracket complete, generator	1	FJ28. FJ28L
AD	TNN 0806	Nut	2	
AE	YBN 1020Z	Bolt	2	
AF	SWH 10	Washer, spring	2	
AG	PWL 0010Z	Washer, plate	2	
AH	A 27102S	Core, pole	2	FJ28. FJ28L

LAND CRUISER

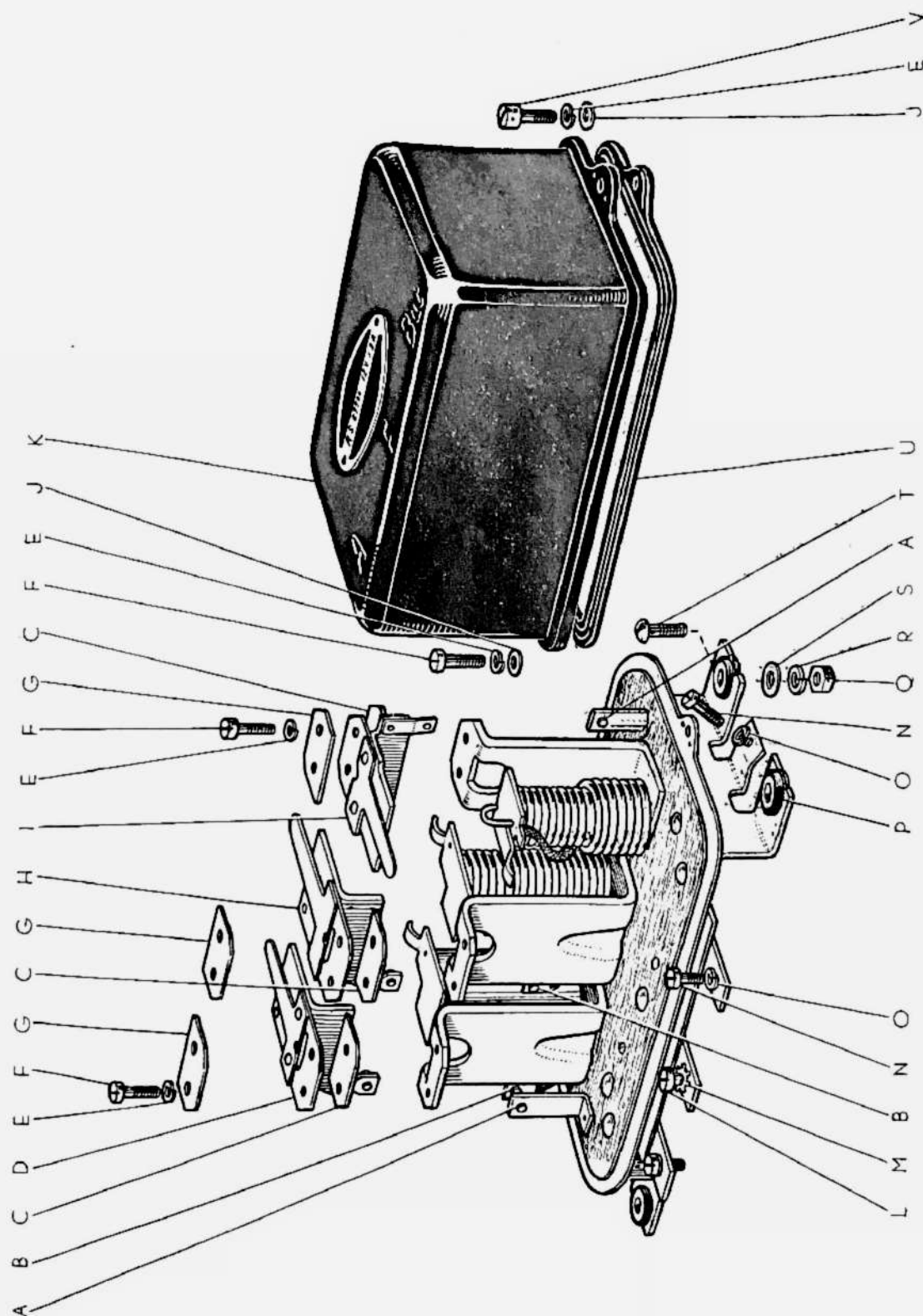
PER
UNIT

MODEL

ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
(FIG 22)			2	FJ28. FJ28L
AI	MTD 27104A	Coil complete, field	6	FJ28. FJ28L
AJ	A 27114S	Washer, insulation (C)	1	FJ28. FJ28L
AK	RS 27111S	Screw, terminal	1	FJ28. FJ28L
	RS 27100	Yoke complete (include illustrations—P, U, W, X, AH~AN of Fig—22)	1	FJ28. FJ28L
			2	
AL	RS 27101	Yoke	1	FJ28. FJ28L
AM	SC 1018	Screw (Pole core)	1	FJ28. FJ28L
AN	A 27107S	Wire, lead	1	FJ28. FJ28L
AO	RS 27010	Band complete, cover	2	FJ28. FJ28L
AP	51290	Holder complete, brush	2	FJ28. FJ28L
AQ	5158	Arm, brush	1	FJ28. FJ28L
AR	5159	Spring, brush	2	FJ28. FJ28L
AS	SB 27502	Bushing, commutator side frame	2	FJ28. FJ28L
AT	A 27005	Bolt, through	2	
AU	WS 7	Washer, spring	2	FJ28. FJ28L
AV	5154A	Brush, main	1	FJ28. FJ28L
AW	5181B	Packing, bearing cover	1	FJ28. FJ28L
AX	5180B	Cover, bearing	3	
AY	WS 4	Washer, spring	3	
AZ	SR 0410Z	Screw		

SPACE FOR MEMO

FIG.—23 VOLTAGE REGULATOR



LAND CRUISER

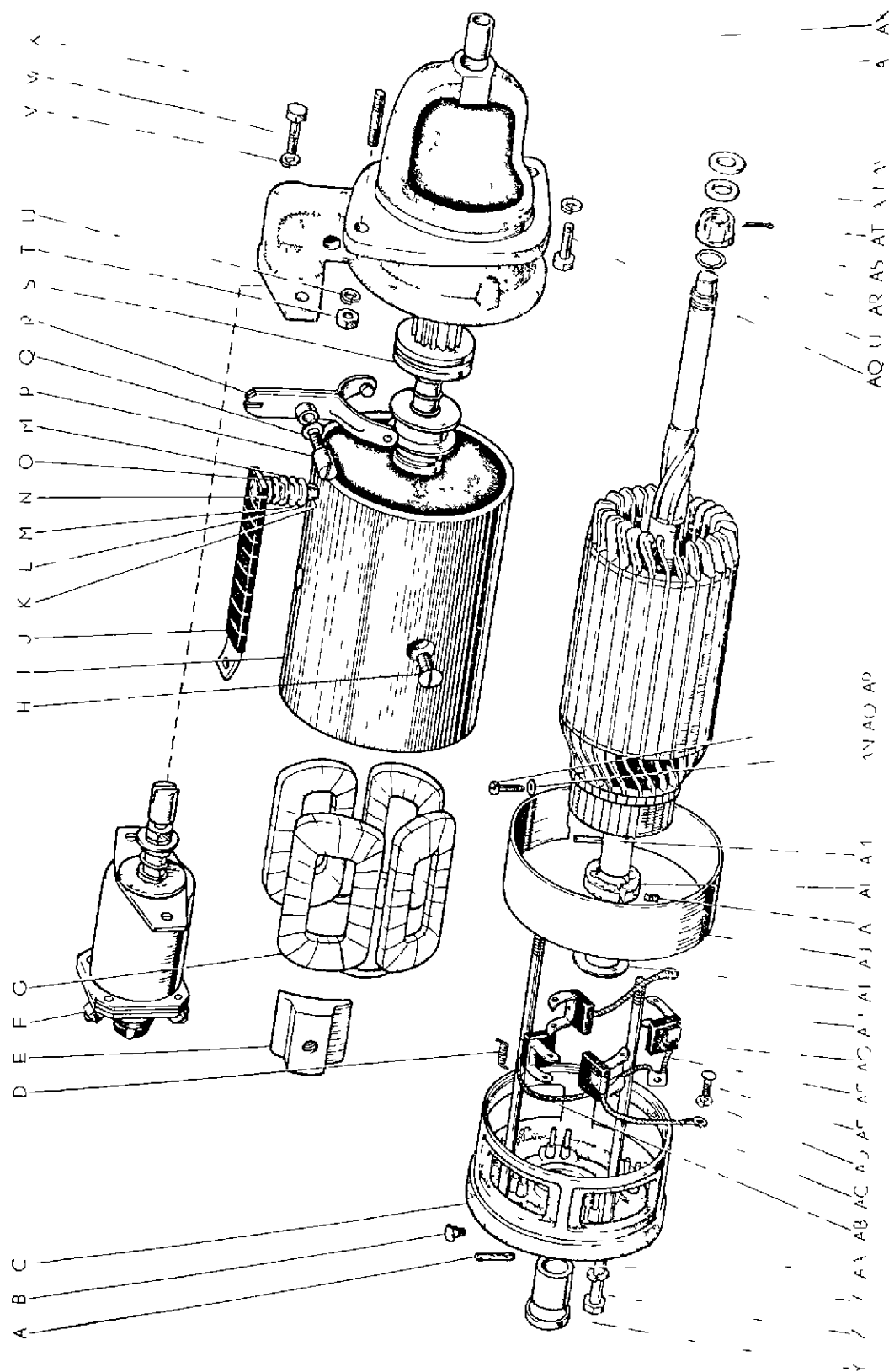
ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
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VOLTAGE REGULATOR

(FIG 23)

	RS	27700C	Regulator assembly (include illustrations—A~P, U, V of Fig -23)	1	FJ28, FJ28L
A	UD	26753	Contact	2	FJ28, FJ28L
B	UD	26842	Contact	2	FJ28, FJ28L
C	UD	26837A	Plate, lock	3	FJ28, FJ28L
D	UD	26810B	Armature, voltage regulator	1	FJ28, FJ28L
E	WS	4	Washer, spring	8	
F	SF	0408	Screw	7	
G	UD	26836A	Plate, lock	3	FJ28, FJ28L
H	UD	26830B	Armature, current regulator	1	FJ28, FJ28L
I	UD	26840B	Armature, relay	1	FJ28, FJ28L
J	WP	4	Washer, plate	2	
K	UD	26834A	Cover	1	FJ28, FJ28L
L	UD	26742	Screw	1	FJ28, FJ28L
M	UD	26743	Washer	1	FJ28, FJ28L
N	SF	0507	Screw	3	
O	WS	5	Washer, spring	3	
P	UD	26890	Bushing, gum	4	FJ28, FJ28L
Q	JNT	0504	Nut	4	
R	SWL	05	Washer, spring	4	
S	PWH	1005	Washer, plate	4	
T	MBN	0520	Bolt	4	
U	UD	26835A	Packing, gum	1	FJ28, FJ28L
V	UD	26705	Screw, cover set	1	FJ28, FJ28L

FIG. 24 STARTER MOTOR



LAND CRUISER

ILLUS. TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
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STARTER MOTOR

(FIG.24)

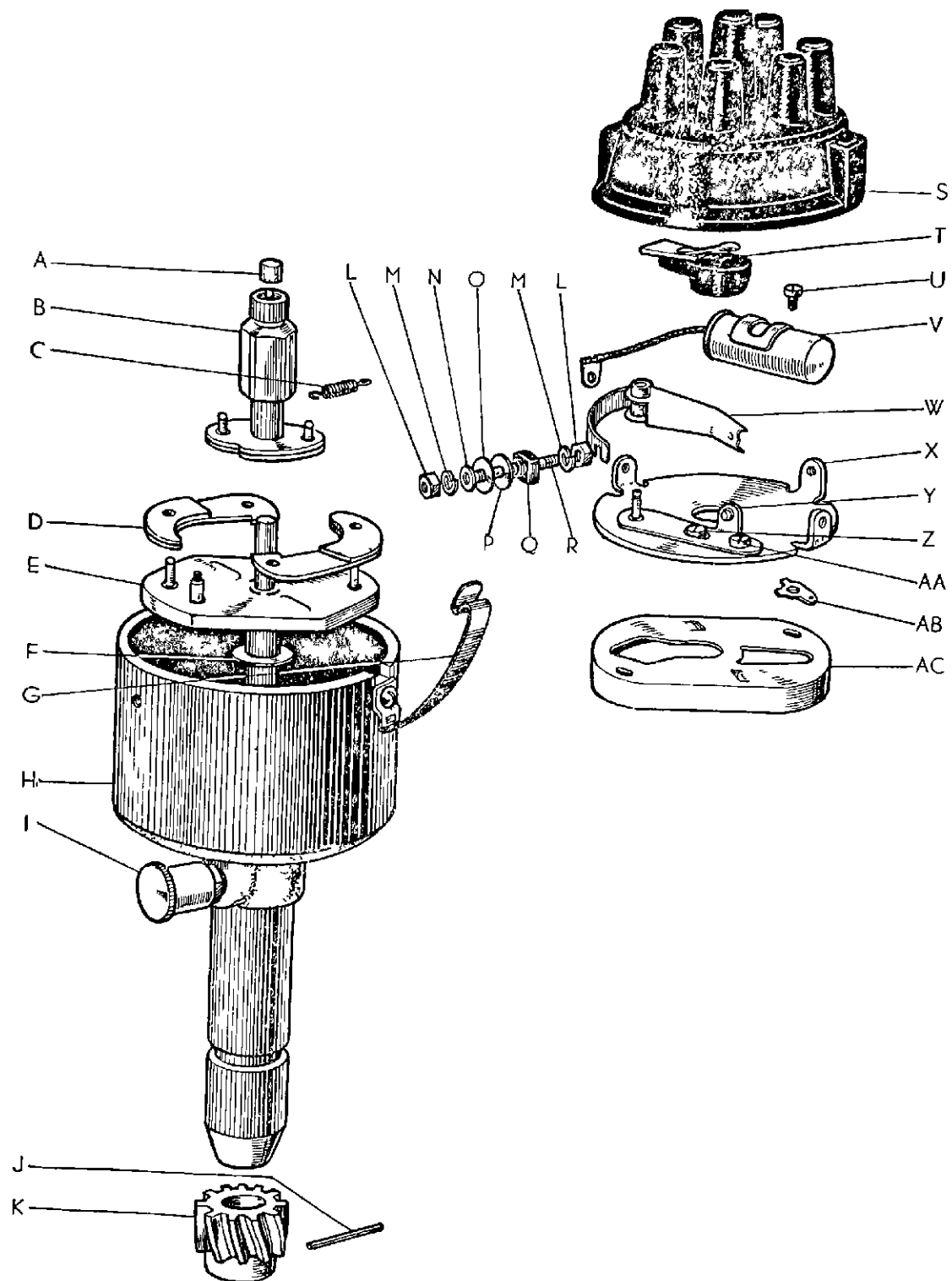
	FA70	28000	Motor assembly, starter (include illustrations—A~S, V, W, Y~AP, AR~AX of Fig —24)	1	FJ28. FJ28L
A		5284B	Oil felt	1	FJ28 FJ28L
B	A	27510B	Cup complete, oil	2	FJ28. FJ28L
C	TOB	28500-1	Frame complete, commutator end	1	FJ28 FJ28L
D		5267	Spring, brush	4	FJ28. FJ28L
E	EJD	28102	Core, pole	4	FJ28. FJ28L
F	EJDB	28800	Switch complete, magnet	1	FJ28 FJ28L
G	EJDBR	28110-2TO	Coil complete, field	1	FJ28. FJ28L
H	SC	1015	Screw	4	
I	EJD	28101-2TO	Yoke	1	FJ28. FJ28L
J	EJD	28760-TO-A	Lead complete, connecting	1	FJ28. FJ28L
K	EGD	28109	Bushing, insulation	1	FJ28. FJ28L
L	WP	14 × 10.1 × 0.6	Washer	1	
M	WPE	17 × 10.3 × 1	Washer	2	
N	EGD	28150	Plate, spring	1	FJ28. FJ28L
O	WPE	18 × 10.1 × 1	Washer	1	
P	EJD	28744	Pin, drive lever set	1	FJ28. FJ28L
Q	EGD	28749	Washer	1	FJ28. FJ28L
R	EJD	28740A	Lever, pinion drive	1	FJ28. FJ28L
S	EJD	28300-TO	Clutch complete, over running	1	FJ28. FJ28L
T	TNN	1210Z	Nut	1	
U	SWH	12	Washer, spring	2	
V	WS	6	Washer, spring	4	
W	BH	0614	Bolt	2	
X	BX	18141	Bolt, starter stud	1	FJ28. FJ28L
Y		5282	Cover, bearing	1	FJ28 FJ28L
Z	A	28005	Bolt, through	2	FJ28. FJ28L
AA	BX	28502	Bushing, bearing	1	FJ28. FJ28L
AB	BQ	28612	Lead, brush connecting	1	FJ28 FJ28L
AC		5270	Lead, brush grand	2	FJ28 FJ28L
AD	WS	4	Washer, spring	3	
AE	SA	0408	Screw	3	
AF		5271	Lead, brush field	1	FJ28 FJ28L
AG		5265	Brush	4	FJ28. FJ28L
AH		52266	Holder, brush	4	FJ28. FJ28L
AI	EGD	28203	Washer	1	FJ28. FJ28L
AJ	RS	27010	Band complete, cover	1	FJ28 FJ28L
AK	EGD	28598	Spring, brake	2	FJ28 FJ28L
AL	EGD	28597	Shoe, brake	2	FJ28. FJ28L

LAND CRUISER

ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
(FIG 24)				
AM	EGD 28236	Pin	1	FJ28 FJ28L
AN	WP 8	Washer, plate	1	
AO	EGD 28013	Screw, cover band	1	FJ28. FJ28L
AP	EJDDBR28200-1TO	Armature complete	1	FJ28. FJ28L
AQ	YBN 1225Z	Bolt	1	
AR	EGD. 28218	Ring, snap	1	FJ28. FJ28L
AS	EGDR 28219	Nut	1	FJ28. FJ28L
AT	P. 16 20	Pin, cotter	1	
AU	EGD 28204	Washer	1	FJ28. FJ28L
AV	EGD 28003	Washer	1	FJ28. FJ28L
AW	EJD 28400-1TO	Housing complete, drive lever (include illustration—AX of Fig —2b)	1	FJ28. FJ28L
AX	EJD 28402	Bushing, bearing	1	FJ28 FJ28L

SPACE FOR MEMO

FIG. -25 DISTRIBUTOR



LAND CRUISER

ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
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DISTRIBUTOR

(FIG 25)

F	29100	Distributor assembly (include illustrations A~AC of Fig. 25)	1	FJ28 FJ28L
A	54353	Oil felt	1	FJ28 FJ28L
B	54348	Cam complete	1	FJ28 FJ28L
C	54357B	Spring, governor	2	FJ28 FJ28L
D	54357A	Weight complete, governor	2	FJ28 FJ28L
E	54362	Plate complete, shaft & governor	1	FJ28 FJ28L
F	54368	Washer, thrust	2	FJ28 FJ28L
G	54343	Spring, distributor cap	2	FJ28 FJ28L
H	54373	Housing, distributor	1	FJ28 FJ28L
I	54374B	Cup complete, grease	1	FJ28 FJ28L
J	54372	Pin, spiral gear	1	FJ28 FJ28L
K	54371C	Gear, spiral	1	FJ28 FJ28L
L	NH 0403	Nut	5	
M	WS 4	Washer, spring	6	
N	WP 4Z	Washer, plate	1	
O	54341A	Washer, terminal insulation	1	FJ28 FJ28L
P	54341B	Washer, terminal insulation	1	FJ28 FJ28L
Q	54340	Bushing, terminal stud insulation	1	FJ28 FJ28L
R	54345	Bolt, terminal	1	FJ28 FJ28L
S	54303	Cap complete, distributor	1	FJ28 FJ28L
T	54309	Rotor, distributor	1	FJ28 FJ28L
U	SF 0404	Screw	1	
V	54337	Condenser complete	1	FJ28 FJ28L
W	54317	Arm complete, breaker	1	FJ28 FJ28L
X	54332	Plate complete, breaker	1	FJ28 FJ28L
Y	54327	Point complete, contact	1	FJ28 FJ28L
Z	54335	Adjuster, point	1	FJ28 FJ28L
AA	54336	Screw, point setting	1	FJ28 FJ28L
AB	54359	Washer, cover lock	1	FJ28 FJ28L
AC	54358	Cover, weight stop	1	FJ28 FJ28L

ILLUS-
TRATION

PART NO.

NOMENCLATURE

VACUUM CONTROLLER

(FIG. 26)

A	TBN	0820	Bolt	1	
B	B	18381	Piece, vacuum control set	1	FJ28. FJ28L
C	F	29200	Control assembly, distributor vacuum	1	FJ28. FJ28L
D	TBN	0815	Bolt	1	
E	SWH	08	Washer, spring	1	
F		1749	Plug, oil gauge pipe coupling	2	FJ28. FJ28L
	BQ	18601	Pipe complete, carburetor vacuum control (include illustrations -F, G of Fig -26)	1	FJ28 FJ28L
G	BQ	18611	Pipe, carburetor vacuum control	1	FJ28 FJ28L
H		1748	Nipple, oil gauge pipe union		

FIG.- 26 VACUUM CONTROLLER

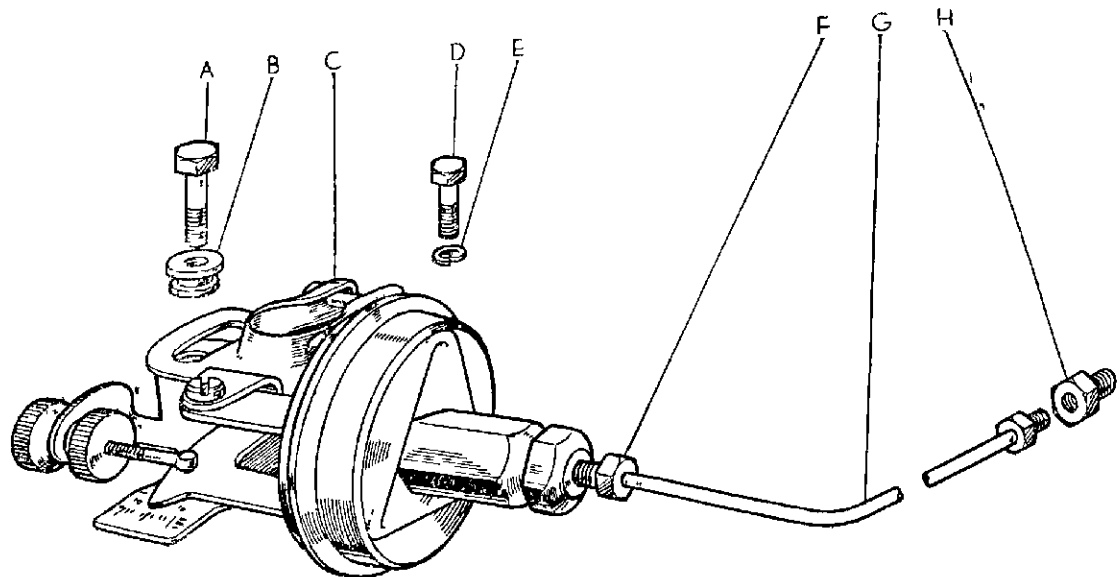


FIG.—27 CLUTCH

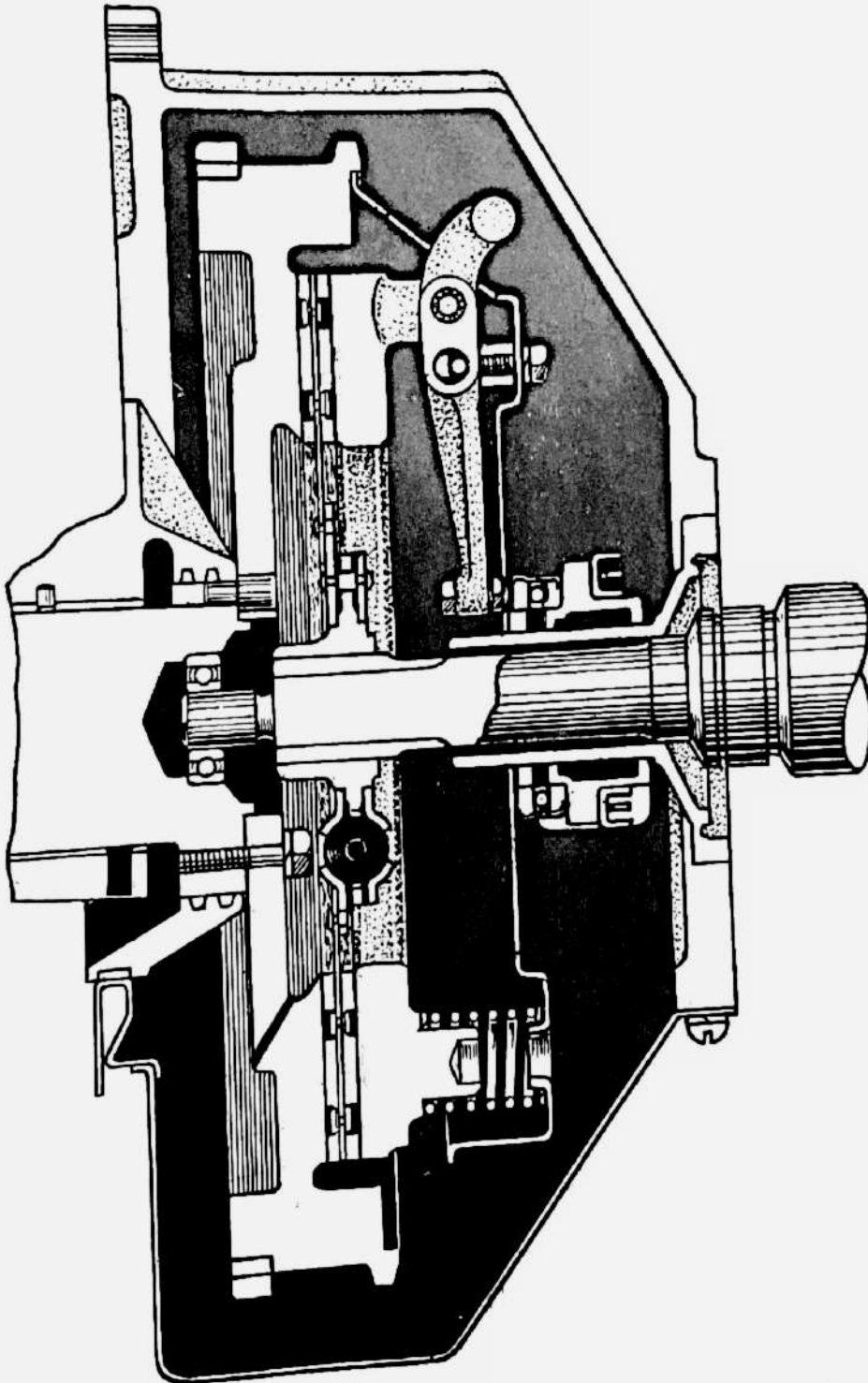
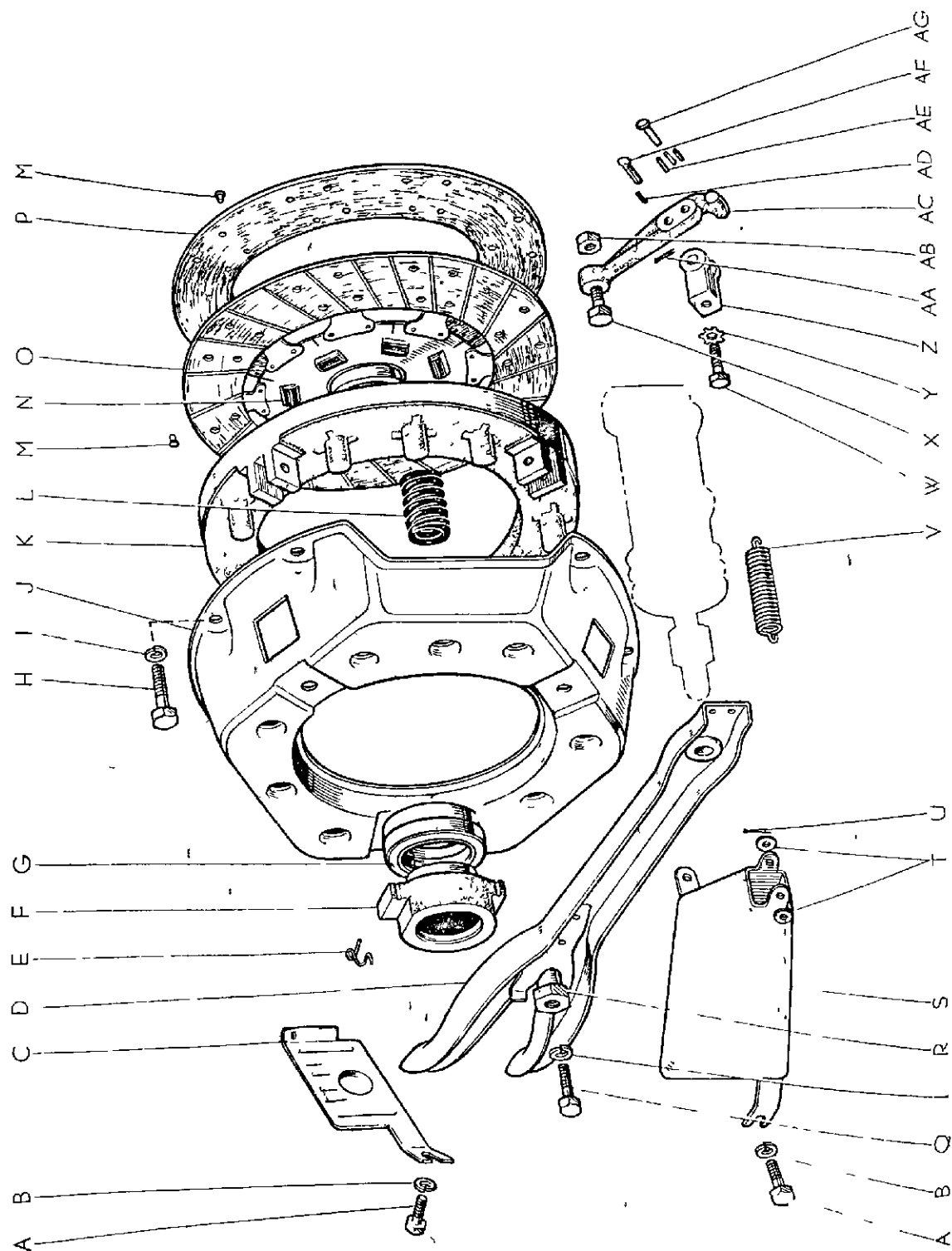


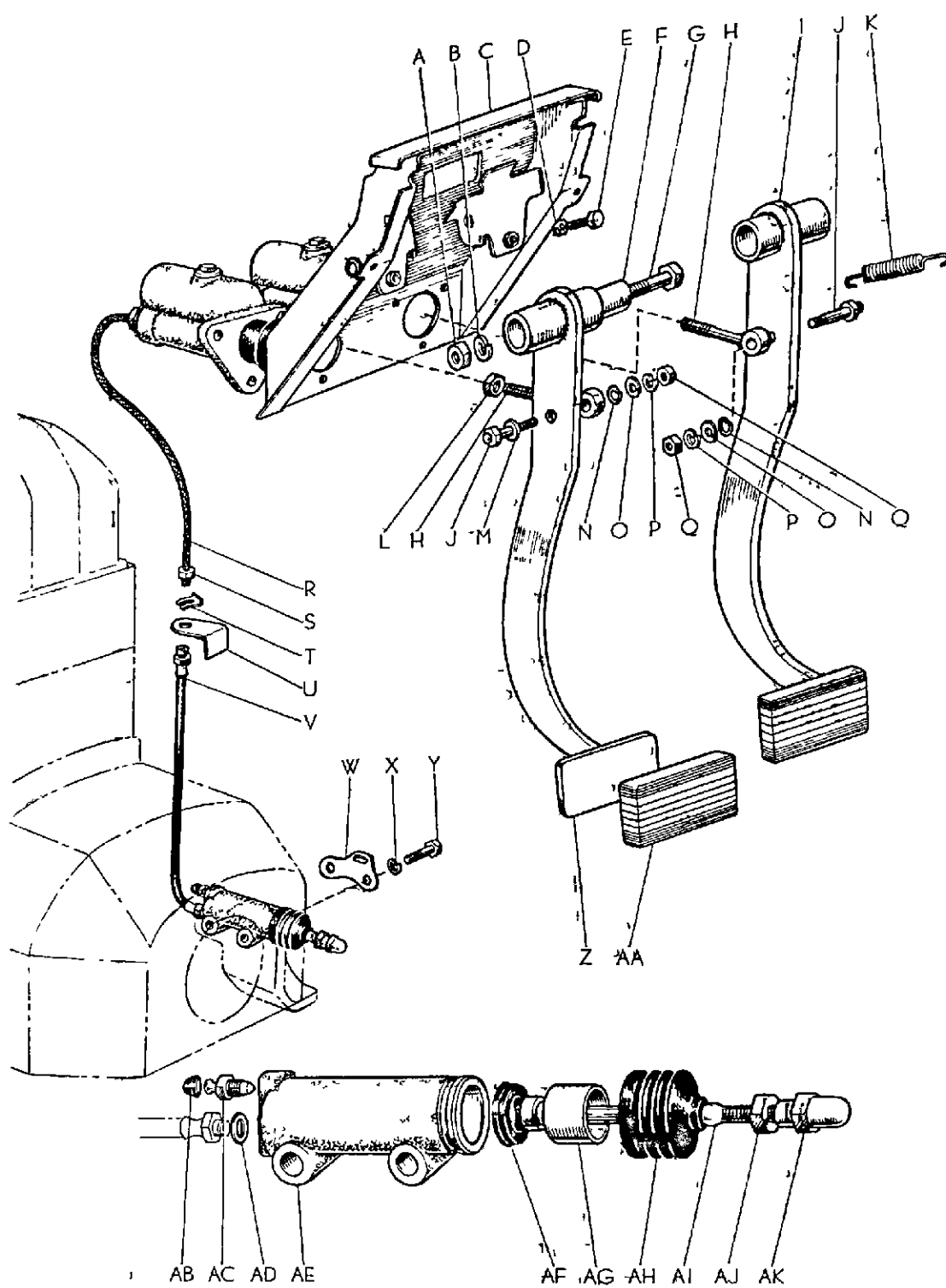
FIG.—28 CLUTCH & FORK



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ILLUSTRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
CLUTCH & FORK				
(FIG 28)				
A	JBN 0612TZ	Bolt	4	
B	SWH 06	Washer, spring	4	
C	2BJ 31133	Plate, clutch housing cover	1	FJ28. FJ28L
D	2BJ 31302	Fork complete, clutch	1	FJ28. FJ28L
E	BX 31312	Spring, clutch release bearing hub	2	FJ28. FJ28L
	2BJ 31320	Hub assembly, clutch release bearing (include illustrations—E~G of Fig.—28)	1	FJ28. FJ28L
	2BJ 31301	Hub complete, clutch release bearing (include illustrations—E, F of Fig.—28)	1	FJ28. FJ28L
F	2BJ 31311	Hub, clutch release bearing	1	FJ28. FJ28L
G	BRT E 45-6	Bearing, clutch release	1	FJ28. FJ28L
H	TBK 0815	Bolt	6	
I	SWH 08	Washer, spring	7	
	2BJ 31010	Cover assembly, clutch (include illustrations—J~L, W~AG of Fig.—28)	1	FJ28. FJ28L
J	KB 3101	Cover, clutch	1	FJ28. FJ28L
K	FA60 31212	Plate, clutch pressure	1	FJ28. FJ28L
L	3117	Spring, clutch	6	FJ28. FJ28L
M	KB 3135	Rivet, clutch facing (Short)	32	FJ28. FJ28L
N	FA60 31245	Torsion gum, clutch	6	FJ28. FJ28L
O	2BJ 31020	Disc assembly, clutch (include illustrations—M, N, P of Fig.—28)	1	FJ28. FJ28L
P	FA60 31255	Facing, clutch	2	FJ28. FJ28L
Q	TBN 0825	Bolt	1	
R	FA60 31334	Ball, clutch fork	1	FJ28. FJ28L
S	BX 31101	Cover complete, fork hole leather	1	FJ28. FJ28L
T	PWL 0635	Washer, plate	2	
U	WP 3018	Pin, cotter	1	
V	RS 31316	Spring, clutch release fork back	1	FJ28. FJ28L
W	TBK 1012T	Bolt	3	
X	FA60 31215	Bolt, clutch pressure lever adjust	3	FJ28. FJ28L
Y	1435	Washer, flywheel bolt	3	FJ28. FJ28L
Z	KB 3111	Yoke, clutch pressure lever pin	3	FJ28. FJ28L
AA	WP 2012	Pin, cotter	6	
AB	LNN 0805	Nut	3	
AC	2BJ 31213	Lever, clutch pressure	3	FJ28. FJ28L
AD	KB 3114	Roller, clutch pressure lever	3	FJ28. FJ28L
AE	KB 3119	Roller, clutch pressure plate pin	45	FJ28. FJ28L
AF	KB 3112	Pin, clutch pressure lever	3	FJ28. FJ28L
AG	KB 3120	Pin, clutch pressure plate	3	FJ28. FJ28L

FIG.—29 CLUTCH, BRAKE PEDAL & RELEASE CYLINDER



LAND CRUISER

ILLUS- TRATION	PART NO.	NOMENCLATURE	P.E.R. UNIT	MODEL
CLUTCH, BRAKE PEDAL & RELEASE CYLINDER				
(FIG.28)				
A	TNN 1210	Nut	2	
B	SWH 12	Washer, spring	2	
C	BJ25 53306	Bracket complete, pedal	1	FJ28, FJ28L
D	LNN 0805Z	Nut	2	
E	TBN 0835TZ	Bolt	2	
F	2BJ 31413	Bushing, pedal	2	FJ28, FJ28L
G	2BJ 31415	Shaft, pedal	2	FJ28, FJ28L
H	2BJ 31417	Rod, master cylinder push	2	FJ28, FJ28L
I	2BJ 47101	Pedal complete, brake (include illustration—F of Fig.—29)	1	FJ28, FJ28L
J	2BJ 31416	Pin, master cylinder push rod	2	FJ28, FJ28L
K	RK 26251	Spring, accelerator link tension	2	FJ28, FJ28L
L	LNN 1206	Nut	2	
M	PWL 0010	Washer, plate	1	
N	BX 46239	Washer, transmission brake cam pin coil spring	2	FJ28, FJ28L
O	PWL 2508	Washer, plate	2	
P	SWH 08	Washer, spring	2	
Q	TNN 0806	Nut	2	
	2BJ 31405	Pipe complete, clutch release (include illustrations—R, S of Fig.—28)	1	FJ28
	BJ25L31405	Pipe complete, clutch release	1	FJ28L
R	2BJ 31427	Pipe, clutch release union	1	FJ28
	BJ25L31427	Pipe, clutch release union	1	FJ28L
	BJ25L31428	Room, clutch release pipe	1	FJ28L
S	44356	Nut, oil brake pipe union (6.5mm)	2	FJ28, FJ28L
T	RS 31473	Clip, flexible hose	1	FJ28, FJ28L
U	2BJ 31471	Plate, clutch release union pipe set	1	FJ28, FJ28L
V	SKB 47203	Hose, rear oil brake flexible	1	FJ28, FJ28L
W	2BJ 31317	Hanger, clutch release fork back spring	1	FJ28, FJ28L
X	SWH 10	Washer, spring	2	
Y	TBN 1055	Bolt	2	
Z	2BJ 31401	Pedal complete, clutch (include illustration—F of Fig.—29)	1	FJ28, FJ28L
AA	44134	Seat, brake & clutch pedal	2	FJ28, FJ28L
AB	RS 31491	Cap, bleeder plug rubber	1	FJ28, FJ28L
AC	RK 47584	Plug, wheel cylinder bleeder	1	FJ28, FJ28L
AD	RS 31488	Packing, union	1	FJ28, FJ28L
	2BJ 31420	Cylinder assembly, clutch release (include illustrations—AB, AC, AE~AK of Fig.—28)	1	FJ28, FJ28L
AE	2BJ 31481	Cylinder, clutch release	1	FJ28, FJ28L
AF	2BJ 31483	Cup, clutch release cylinder piston	1	FJ28, FJ28L

LAND CRUISER

ILLUS- TRATION	PART, NO.	NOMENCLATURE	PER UNIT	MODEL
(FIG 29)			1	FJ28, FJ28L
AG	2BJ 31482	Piston, clutch release cylinder	1	FJ28, FJ28L
AH	2BJ 31485	Boot, clutch release cylinder	1	FJ28, FJ28L
AI	2BJ 31484	Rod, clutch release cylinder piston	1	FJ28, FJ28L
AJ	LNN 1006	Nut	1	FJ28, FJ28L
AK	2BJ 31486	Adjuster, clutch release cylinder piston rod		

MASTER CYLINDER

(FIG 30)			1	FJ28, FJ28L
	2BJ 31410	Cylinder assembly, clutch master (include illustrations—A~D, H~S, W, X of Fig —30)	1	FJ28, FJ28L
	44351	Cylinder assembly, oil brake master (include illustrations—A~S, W, Y~AC of Fig —30)	2	FJ28, FJ28L
A	SB 47105	Rod complete, master cylinder piston	2	FJ28, FJ28L
B	44351-21	Ring, master cylinder boot snap (Small)	2	FJ28, FJ28L
C	44351-19	Boot, master cylinder	2	FJ28, FJ28L
D	44351-20	Ring, master cylinder boot snap (Large)	1	FJ28, FJ28L
E	44351-8	Seat, master cylinder outlet valve (Brake only)	1	FJ28, FJ28L
F	44351-9	Valve, master cylinder outlet (Brake only)	1	FJ28, FJ28L
G	44351-10	Packing, master cylinder outlet valve seat (Brake only)	2	FJ28, FJ28L
H	KB 4054	Cap complete, master cylinder	2	FJ28, FJ28L
I	44351-5	Packing, master cylinder cap	2	FJ28, FJ28L
J	44351-1	Cylinder, master	2	FJ28, FJ28L
K	44351-2	Plug, master cylinder plate	2	FJ28, FJ28L
L	44351-17	Ring, master cylinder piston stop	2	FJ28, FJ28L
M	44351-16	Stop, master cylinder piston	2	FJ28, FJ28L
N	44351-11	Piston, master cylinder	2	FJ28, FJ28L
O	44351-15	Packing, master cylinder piston	2	FJ28, FJ28L
P	44351-25	Spacer, master cylinder piston cup	2	FJ28, FJ28L
Q	44351-12	Cup, master cylinder piston	2	FJ28, FJ28L
R	44351-14	Seat, master cylinder return spring	2	FJ28, FJ28L
S	44351-13	Spring, master cylinder return	6	
T	TBN 1035	Bolt	6	
U	SWH 10	Washer, spring	6	
V	TNN 1008	Nut	2	FJ28, FJ28L
W	44351-7	Packing, master cylinder plug	1	FJ28, FJ28L
X	2BJ 31465	Plug, clutch master cylinder (Clutch only)	1	FJ28, FJ28L
Y	44351-6	Plug, master cylinder (Brake only)	1	FJ28, FJ28L
Z	44347-10	Packing, rear wheel cylinder union bolt (Brake only)	1	FJ28, FJ28L
AA	44351-23	Connection, master cylinder tube (Brake only)	1	
AB	44324-10	Packing, rear wheel cylinder union bolt seat (Brake only)	1	FJ28, FJ28L
AC	44351-24	Screw, stop light switch set (Brake only)	1	FJ28, FJ28L

FIG.—30 MASTER CYLINDER

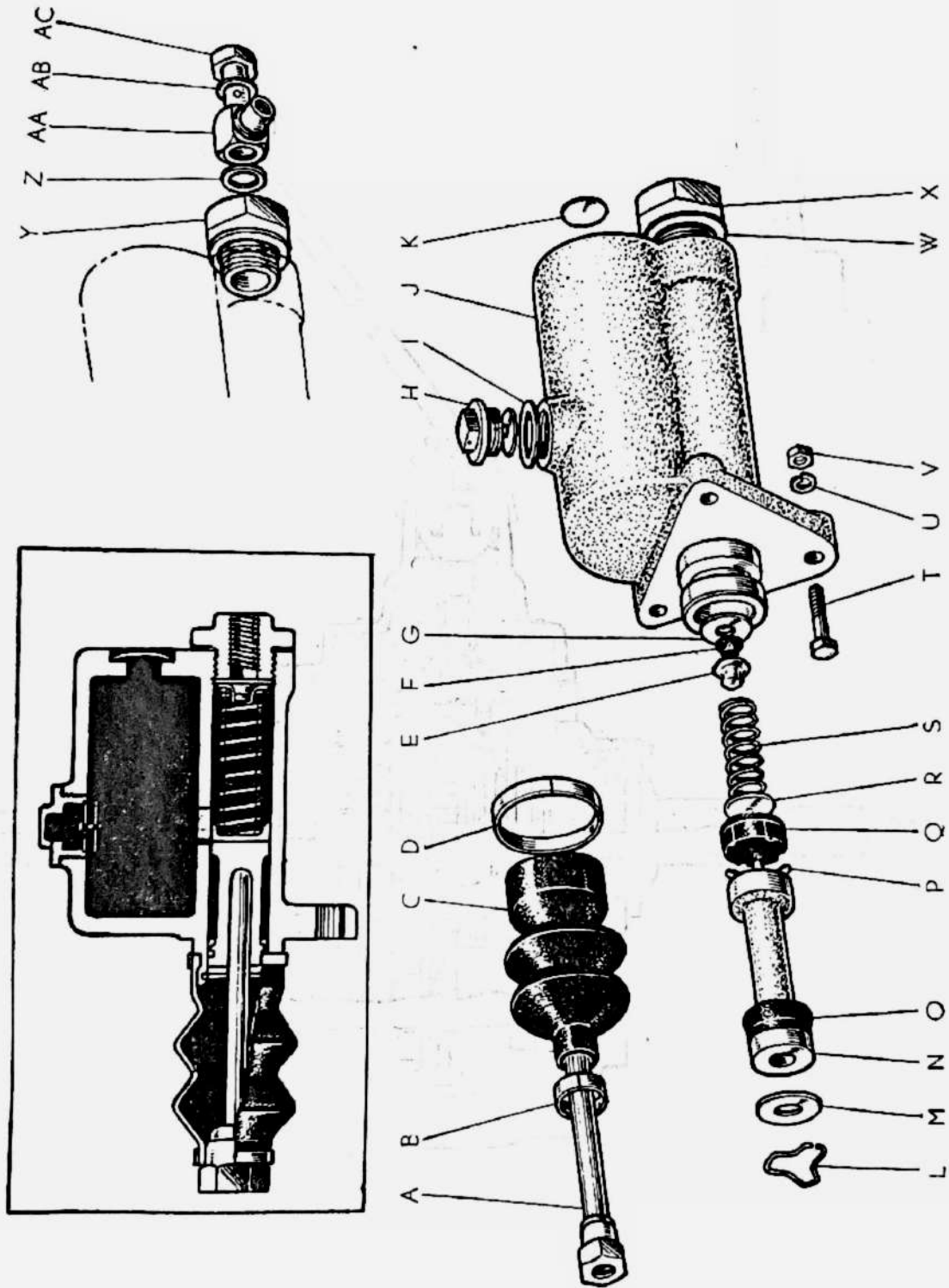
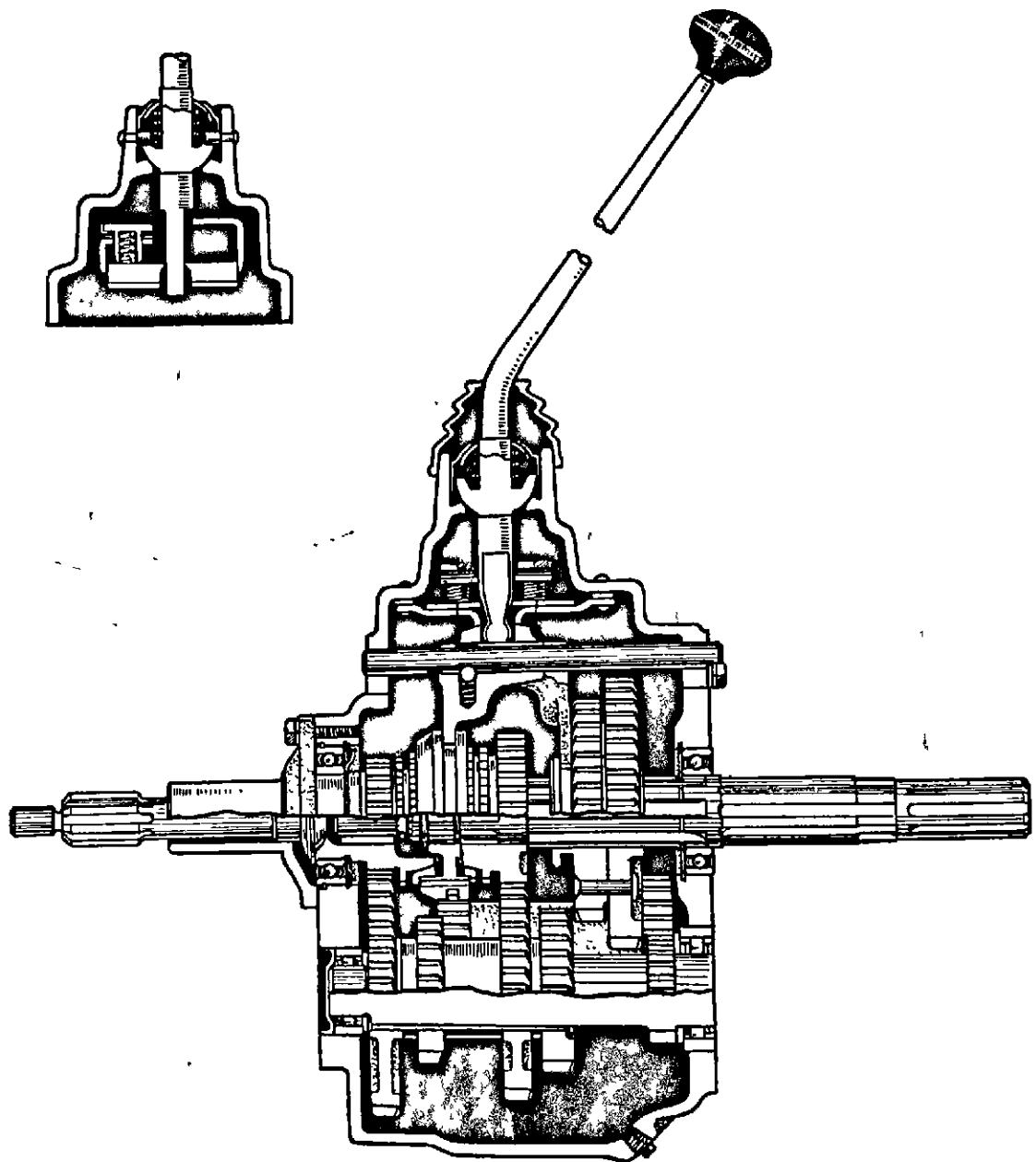


FIG.—31 TRANSMISSION



ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
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TRANSMISSION

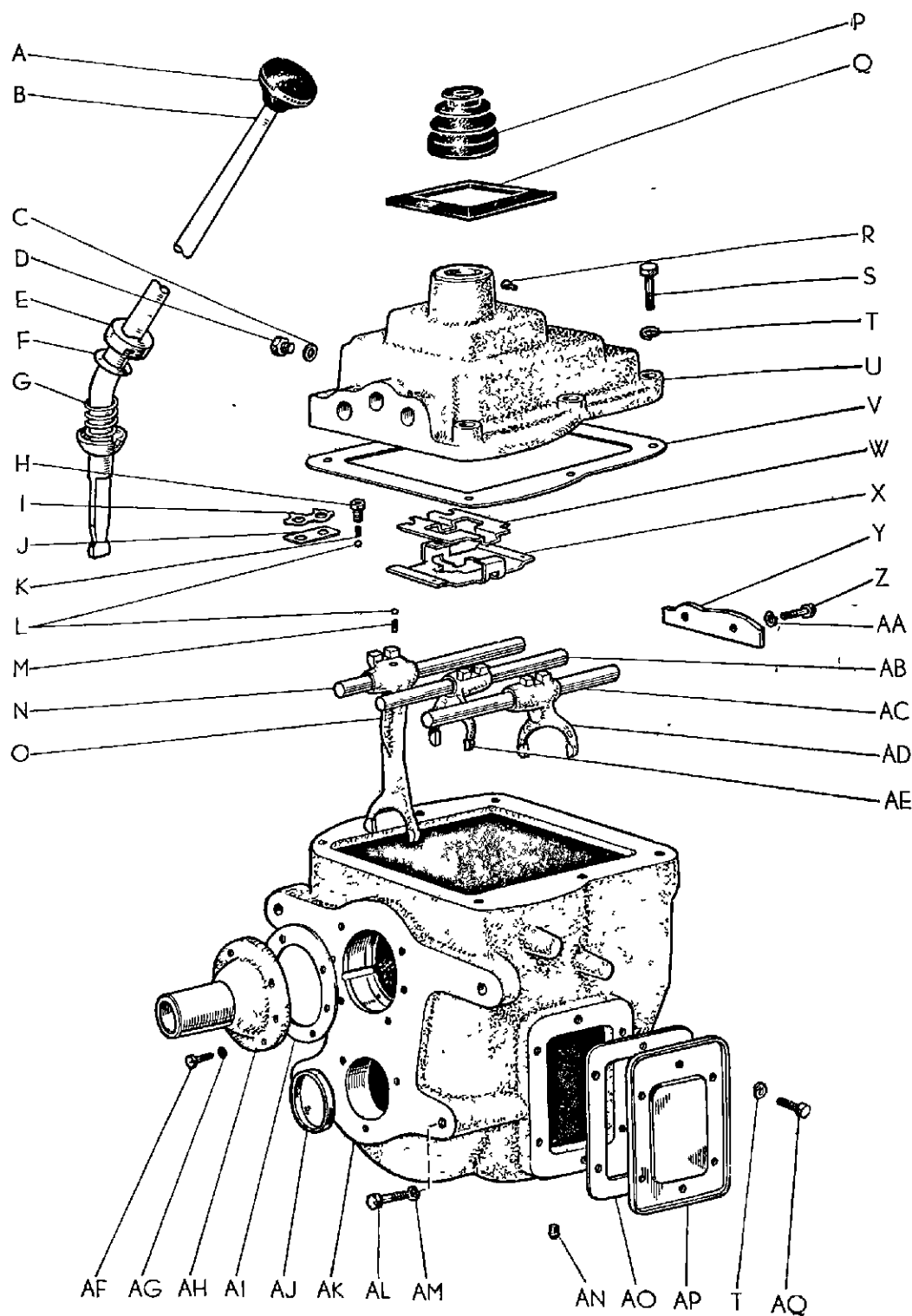
2BJ	33000	Transmission assembly with transfer & center brake (includes illustrations—A~P, R~AK, AN~AQ of Fig.—32 and illustrations—A~AN of Fig.—33 and illustrations—A~R, V~AO of Fig.—35 and illustrations—A~R, V~AQ of Fig.—36 and illustrations—A~AF of Fig.—37)	1	FJ28
BJ25L	33000	Transmission assembly with transfer & center brake	1	FJ28L
2BJ	33100	Transmission assembly (includes illustrations—A~P, R~AK, AN~AQ of Fig.—32 and illustrations—A~AN of Fig.—33)	1	FJ28, FJ28L

TRANSMISSION CASE, COVER,
GEAR SHIFT LEVER & FORK

(FIG 32)

	2BJ	33510	Lever assembly, gear shift. (include illustrations—A, B, E~G of Fig.—32)	1	FJ28, FJ28L
A	2BJ	33502	Knob complete, gear shift lever	1	FJ28, FJ28L
B	2BJ	33511	Lever, gear shift	1	FJ28, FJ28L
C	2BJ	33163	Packing, transmission case cover plug	1	FJ28, FJ28L
D	2BJ	33162	Plug, transmission case cover	1	FJ28, FJ28L
E		32103	Cap, gear shift lever	1	FJ28, FJ28L
F		32104	Seat, gear shift lever spring	1	FJ28, FJ28L
G	BM	33528	Spring, gear shift lever	1	FJ28, FJ28L
H	SG	33523	Latch, transmission inter-lock plate	2	FJ28, FJ28L
I	SG	33525	Washer, transmission inter-lock plate latch	1	FJ28, FJ28L
J	SG	33526	Plate, transmission inter-lock plate latch	1	FJ28, FJ28L
K	SG	33524	Spring, transmission inter-lock plate latch	2	FJ28, FJ28L
L		3242	Ball, gear shift fork lock	5	FJ28, FJ28L
M	2BJ	33214	Spring, gear shift fork lock ball	3	FJ28, FJ28L
N	2BJ	33217	Shaft, gear shifting reverse speed	1	FJ28, FJ28L
O	2BJ	33213	Fork, reverse speed	1	FJ28, FJ28L
P	FA	33531	Cover, gear shift lever cap	1	FJ28, FJ28L
Q	BX	53417	Cover gum, transmission	1	FJ28, FJ28L
R	BX	33163	Knock, gear shift lever cap	2	FJ28, FJ28L
S	YBN	1030	Bolt	6	
T	SWH	10	Washer, spring	12	
	2BJ	33160	Cover assembly, transmission case (include illustrations—A~P, R, U, W~AE of Fig.—32)	1	FJ28, FJ28L
	2BJ	33103	Cover complete, transmission case (include illustrations—R, U of Fig.—32)	1	FJ28, FJ28L
U	2BJ	33161	Cover, transmission case	1	FJ28, FJ28L

FIG.—32 TRANSMISSION CASE & COVER

ILLUS-
TRATION PA

(FIG 32)

V	
W	2BJ
	2BJ
X	2BJ
Y	
Z	TBN
AA	SW
AB	2B.
AC	2B.
AD	2B.
AE	2B.
AF	JB
AG	SW
AH	2B
AI	2B
AJ	
AK	2B
AL	TE
AM	SV
AN	
AO	
AP	
AQ	YI

(FIG 33)

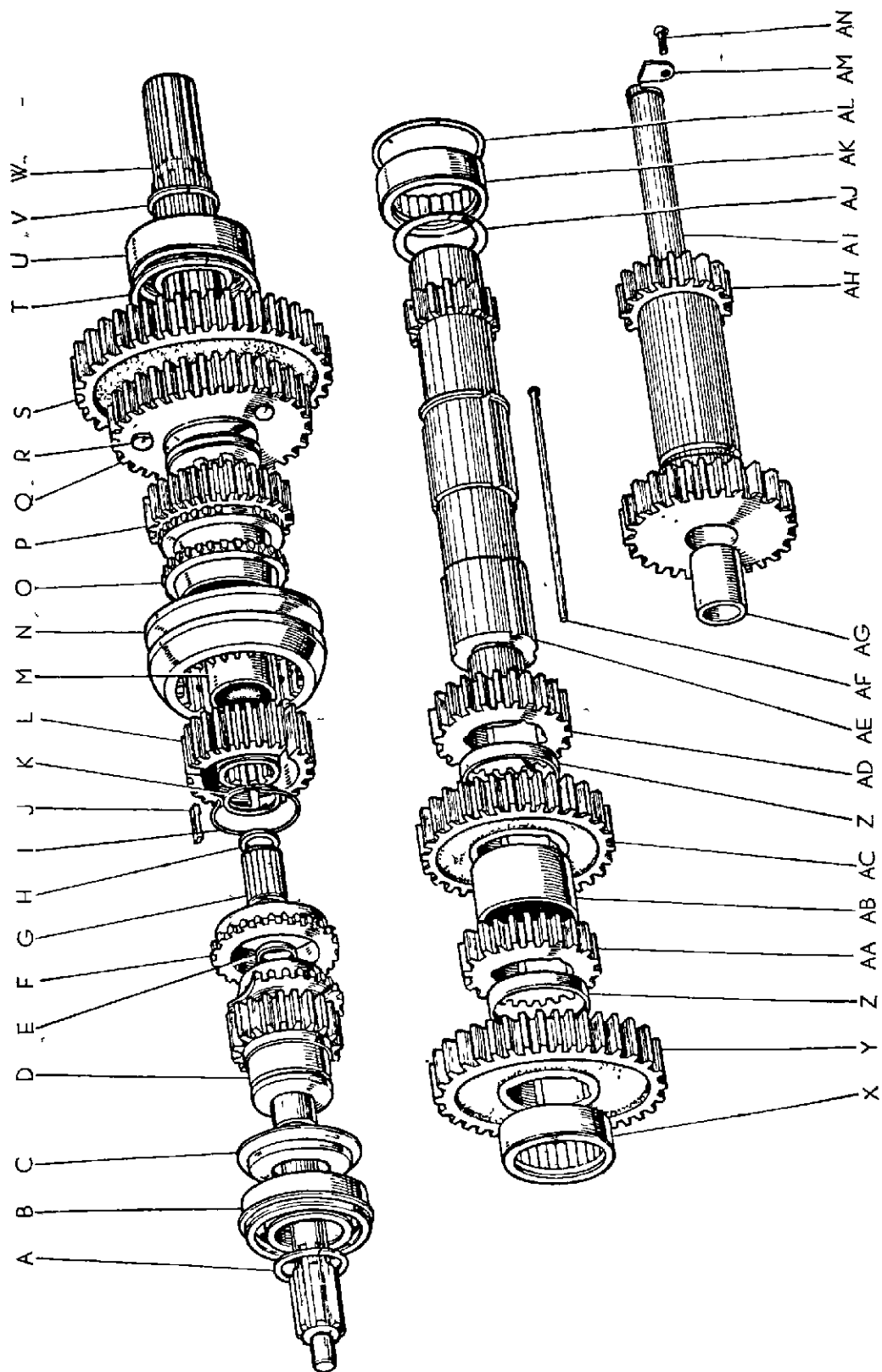
A	
B	B
C	
D	2
E	2
F	F
G	F
H	2
I	1
J	1
K	1
L	
M	
N	

ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
(FIG.32)				
V	3297	Packing, transmission case cover	1	FJ28, FJ28L
W	2BJ 33167	Plate, transmission inter-lock	1	FJ28, FJ28L
	2BJ 33503	Cover complete, transmission inter-lock plate (include illustrations—H, L, W, X of Fig.—32)	1	FJ28, FJ28L
X	2BJ 33166	Cover, transmission inter-lock plate	1	FJ28, FJ28L
Y	3285	Retainer, gear shifting shaft	1	FJ28, FJ28L
Z	TBN 0820	Bolt	2	
AA	SWH 08	Washer, spring	2	
AB	2BJ 33216	Shaft, gear shifting low speed	1	FJ28, FJ28L
AC	2BJ 33215	Shaft, gear shifting high speed	1	FJ28, FJ28L
AD	2BJ 33211	Fork, top & third speed	1	FJ28, FJ28L
AE	2BJ 33212	Fork, low & second speed	1	FJ28, FJ28L
AF	JBN 0620	Bolt	6	
AG	SWH 06	Washer, spring	6	
AH	2BJ 33321	Lock, transmission front bearing	1	FJ28, FJ28L
AI	2BJ 33322	Packing, transmission front bearing lock	1	FJ28, FJ28L
AJ	3286	Lock, counter shaft bearing	1	FJ28, FJ28L
AK	2BJ 33111	Case, transmission	1	FJ28, FJ28L
AL	TBK 1335Z	Bolt	4	
AM	SWH 13	Washer, spring	4	
AN	32127	Plug, transmission case oil	2	FJ28, FJ28L
AO	3296	Packing, transmission power-take-off cover	1	FJ28, FJ28L
AP	3295	Cover, transmission power-take-off	1	FJ28, FJ28L
AQ	YBN 1015	Bolt	6	

TRANSMISSION GEAR

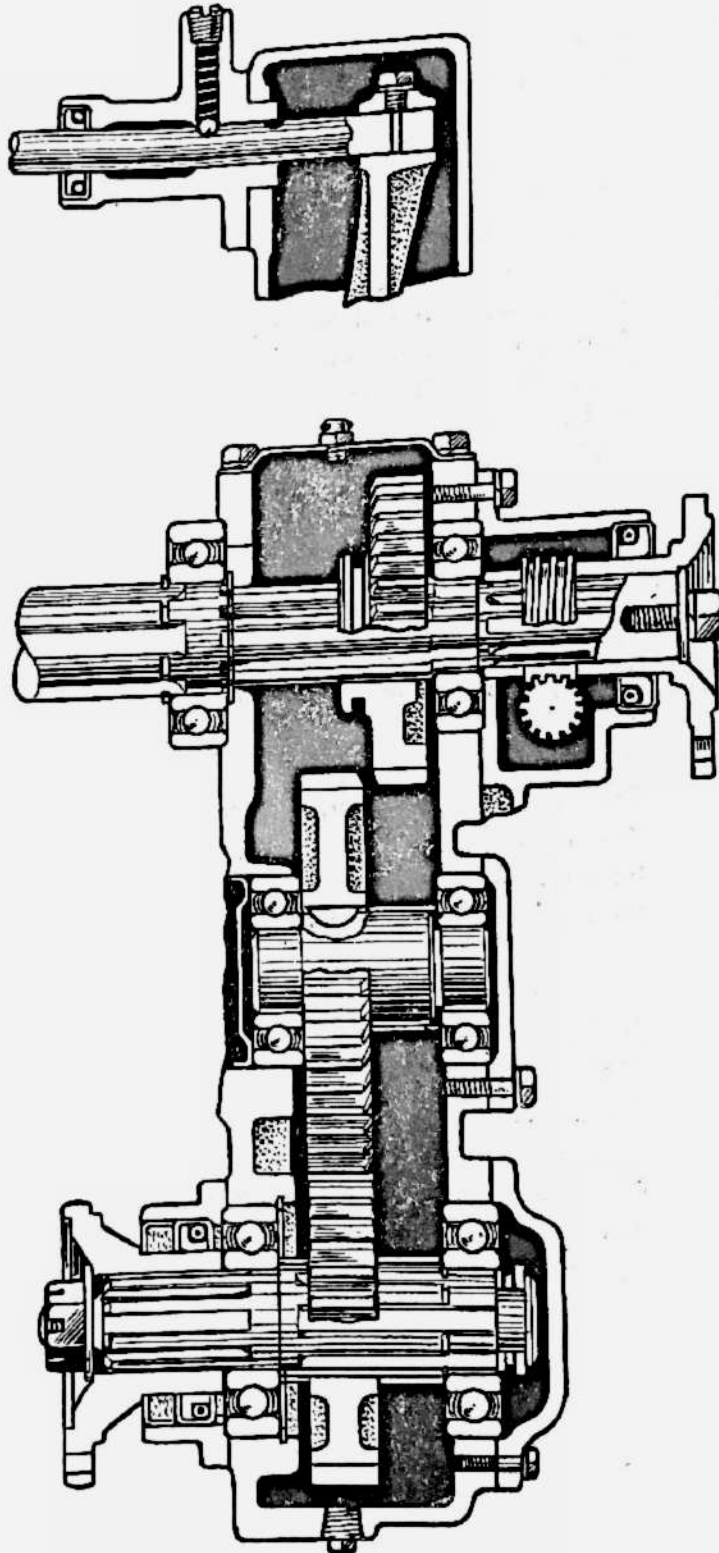
(FIG 33)				
A	32115	Lock, main drive gear rear bearing	1	FJ28, FJ28L
B	BRT 6209RA	Bearing, main drive gear	1	FJ28, FJ28L
C	3294	Deflector, main drive gear oil	1	FJ28, FJ28L
D	2BJ 33311	Gear, main drive	1	FJ28, FJ28L
E	2BJ 33337	Ring, needle roller service	1	FJ28, FJ28L
F	FA60 33365	Ring, top speed cynchroizer	1	FJ28, FJ28L
G	FA60 33332	Roller, spline shaft needle	18	FJ28, FJ28L
H	2BJ 33333	Spacer, pilot bearing	1	FJ28, FJ28L
I	FA60 33362	Spring, synchromesh shifting key	2	FJ28, FJ28L
J	FA60 33363	Key, synchromesh shifting	3	FJ28, FJ28L
K	FA60 33368	Ring, spline shaft snap	1	FJ28, FJ28L
	FA60 33369	Ring, spline shaft snap		
L	FA60 33361	Hub, third & top speed clutch	1	FJ28, FJ28L
M	2BJ 33335	Bushing, third speed gear	1	FJ28, FJ28L
N	FA60 33364	Sleeve, clutch hub	1	FJ28, FJ28L

FIG.—33 TRANSMISSION GEAR



ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL	
(FIG.33)					
O	FA60 33366	Ring, third speed cynchronizer	1	FJ28. FJ28L	
	2BJ 33301	Gear complete, third speed (include illustrations—M, P of Fig 33)	1	FJ28. FJ28L	
P	2BJ 33354	Gear, third speed	1	FJ28. FJ28L	
	2BJ 33302	Gear complete, second speed (include illustrations—Q~S of Fig -33)	1	FJ28. FJ28L	
Q	2BJ 33352	Gear, second speed	1	FJ28. FJ28L	
R	2BJ 33353	Rivet, second speed gear	4	FJ28. FJ28L	
S	2BJ 33351	Gear, low & reverse sliding	1	FJ28. FJ28L	
T	32110	Ring, spline shaft rear bearing snap	} Use either one	1	FJ28. FJ28L
	2BJ 33355	Ring, spline shaft rear bearing snap			
U	3282	Bearing, spline shaft rear	1	FJ28. FJ28L	
V	3291	Ring, spline shaft snap	1	FJ28. FJ28L	
W	2BJ 33331	Shaft, spline	1	FJ28. FJ28L	
X	3278	Bearing, counter shaft front	1	FJ28. FJ28L	
	2BJ 33401	Gear complete, counter (include illustrations—Y~AF of Fig.—33)	1	FJ28. FJ28L	
Y	2BJ 33431	Gear, counter drive	1	FJ28. FJ28L	
Z	2BJ 33432	Spacer, counter gear	2	FJ28. FJ28L	
AA	2BJ 33437	Gear, counter reverse	1	FJ28. FJ28L	
AB	2BJ 33434	Spacer, counter reverse & third gear	1	FJ28. FJ28L	
AC	2BJ 33433	Gear, counter third speed	1	FJ28. FJ28L	
AD	2BJ 33435	Gear, counter second speed	1	FJ28. FJ28L	
AE	2BJ 33411	Shaft & low speed gear, counter	1	FJ28. FJ28L	
AF	2BJ 33441	Key, counter gear shaft	4	FJ28. FJ28L	
AG	3250	Bushing, reverse idler gear	2	FJ28. FJ28L	
	2BJ 33402	Gear complete, reverse idler (include illustrations—AG, AH of Fig —33)	1	FJ28. FJ28L	
AH	2BJ 33455	Gear, reverse idler	1	FJ28. FJ28L	
AI	3273	Shaft, reverse idler gear	1	FJ28. FJ28L	
AJ	3293	Washer, counter gear thrust	1	FJ28. FJ28L	
AK	3279	Bearing, counter shaft rear	1	FJ28. FJ28L	
AL	BM 33416	Shim, counter shaft rear bearing	2~3	FJ28. FJ28L	
AM	BJ 33452	Plate, reverse idler gear shaft lock	1	FJ28. FJ28L	
AN	SBN 0815	Bolt	1		

FIG.—34 TRANSFER



ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
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TRANSFER

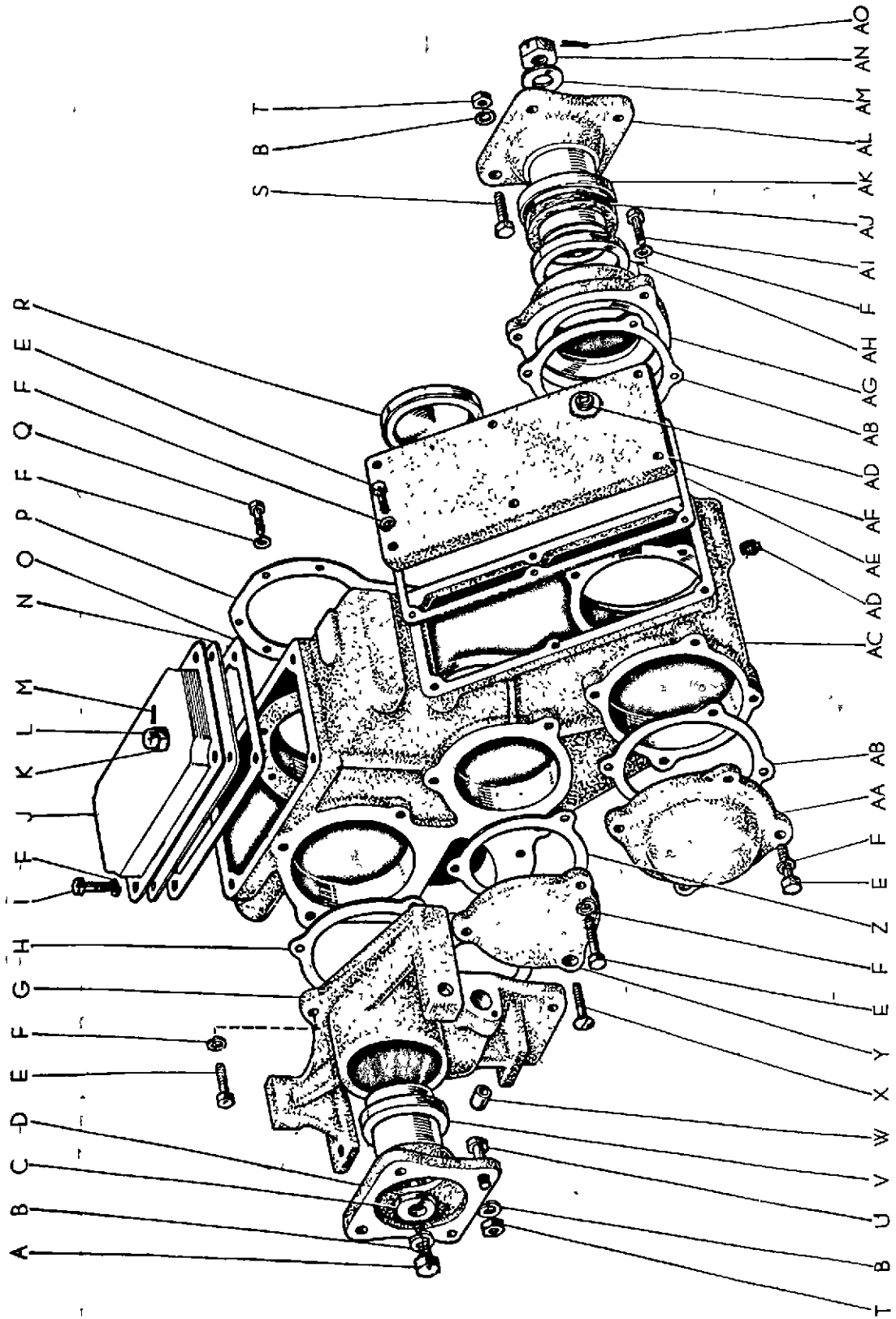
2BJ	34000	Transfer assembly (includes illustrations—A~O, V~AO of Fig.—35 and illustrations—A~R, V~AQ of Fig.—36)	1	FJ28
BJ25L	34000	Transfer assembly	1	FJ28L

TRANSFER CASE & COVER

(FIG 35)

A	TBN	1030	Bolt	1	
B	SWH	10	Washer, spring	11	
C	SB	33487	Washer, front joint yoke retainer	1	FJ28, FJ28L
D	BJ	33481	Retainer, universal joint front yoke	1	FJ28, FJ28L
E	TBN	0820	Bolt	17	
F	SWH	08	Washer, spring	29	
	2BJ	33101	Retainer complete, universal joint front (include illustrations—G, W of Fig.—35)	1	FJ28
	BJ	33101	Retainer complete, universal joint front	1	FJ28L
G	2BJ	33143	Retainer, universal joint front	1	FJ28
	BJ	33143	Retainer, universal joint front	1	FJ28L
H	BJ	33142	Packing, universal joint front retainer	1	FJ28, FJ28L
I	TBN	0815	Bolt	4	
	BQ	34101	Cover complete, transfer case upper (include illustrations—J, K of Fig.—35)	1	FJ28, FJ28L
J	BQ	34131	Cover, transfer case upper	1	FJ28, FJ28L
K	BQ	42121	Plug, breather	1	FJ28, FJ28L
L	BM	42122	Cap, breather plug	1	FJ28, FJ28L
M	WP	1625	Pin, cotter	1	
N	BQ	34135	Separator, transfer case upper cover	1	FJ28, FJ28L
O	BJ	34132	Packing, transfer case upper cover	1	FJ28, FJ28L
P	BJ	33161	Packing, transfer case front	1	FJ28, FJ28L
Q	TBK	0830	Bolt	4	
	YBN	1025	Bolt	2	
R	BJ	34612	Lock, transfer idle gear shaft bearing front	1	FJ28, FJ28L
S	TBK	1028T	Bolt	4	
T	TNN	1008	Nut	8	
U	TBK	1040	Bolt	4	
V	SB	33404	Retainer complete, joint yoke oil	1	FJ28, FJ28L
W	FA	33485	Bushing, driven gear shaft	1	FJ28, FJ28L
X	SBN	0815	Bolt	1	
Y	BJ	34613	Lock, transfer idle gear shaft bearing rear	1	FJ28, FJ28L
Z	BJ	34614	Packing, transfer idle gear shaft bearing lock rear	1	FJ28, FJ28L

FIG.—35 TRANSFER CASE & COVER



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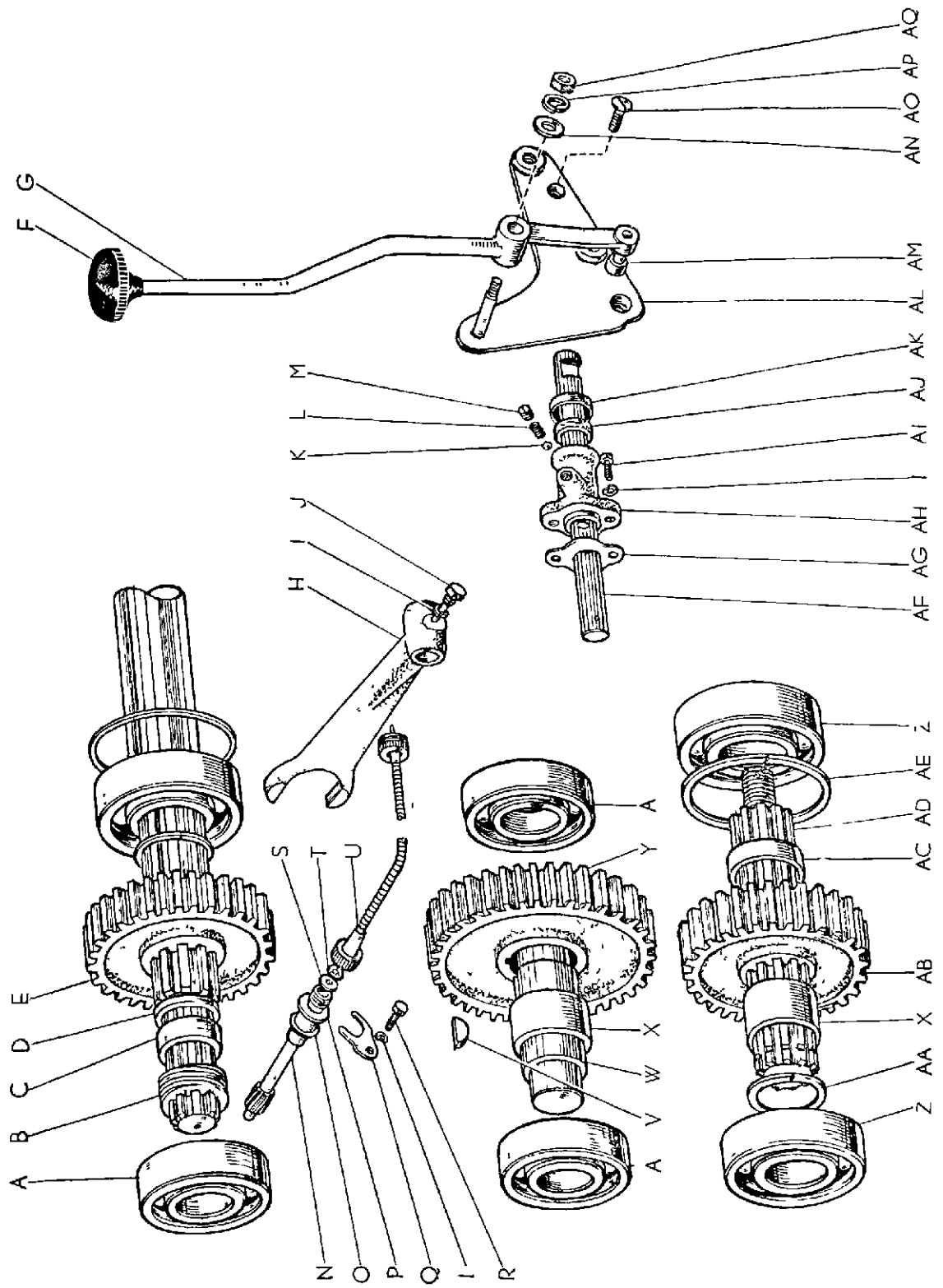
ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
(FIG.35)				
AA	BJ 34414	Cap, transfer front drive rear bearing	1	FJ28. FJ28L
AB	BJ 34413	Packing, transfer front drive front bearing cap	2	FJ28. FJ28L
AC	BJ 34111	Case, transfer	1	FJ28. FJ28L
AD	32127	Plug, transmission case oil	2	FJ28. FJ28L
AE	BJ 34134	Packing, transfer case side cover	1	FJ28. FJ28L
AF	BJ 34133	Cover, transfer case side	1	FJ28. FJ28L
AG	BJ 34412	Cap, transfer front drive front bearing	1	FJ28. FJ28L
AH	FA 41417	Seal complete, oil	1	FJ28. FJ28L
AI	TBN 0825	Bolt	4	
AJ	BJ 34415	Packing, transfer front drive shaft	1	FJ28. FJ28L
AK	BJ 34416	Cover, transfer front drive shaft packing	1	FJ28. FJ28L
AL	KC 3424	Retainer, second & third universal joint	1	FJ28. FJ28L
AM	PWT 6019	Washer, plate	1	
AN	CNN 1913	Nut	1	
AO	WP 4040	Pin, cotter	1	

TRANSFER GEAR & SHIFT LEVER

(FIG 36)

A	BRT 6306	Bearing, transfer rear & idler shaft	3	FJ28. FJ28L
B	BJ 33486	Gear, speedometer drive	1	FJ28. FJ28L
C	BJ 33485	Spacer, speedometer drive gear	1	FJ28. FJ28L
D	BJ 33333	Ring, spline shaft rear	1	FJ28. FJ28L
E	BJ 34351	Gear, transfer shift	1	FJ28. FJ28L
F	2BJ 34502	Knob complete, gear shift lever	1	FJ28. FJ28L
	2BJ 34501	Lever complete, transfer shift	1	FJ28. FJ28L
		(include illustrations—G, AM of Fig—36)		
G	2BJ 34518	Lever, transfer shift	1	FJ28. FJ28L
H	BJ 34514	Fork, transfer gear shift	1	FJ28. FJ28L
I	SWH 08	Washer, spring	5	
J	BJ 34522	Pin, transfer fork shaft	1	FJ28. FJ28L
K	3242	Ball, gear shift fork lock	1	FJ28. FJ28L
L	SB 33213	Spring, gear shift fork lock ball	1	FJ28. FJ28L
M	BJ 34517	Plug, transfer shift fork shaft lock ball	1	FJ28. FJ28L
N	BJ 33487	Gear, speedometer driven	1	FJ28. FJ28L
O	BX 33486	Packing, speedometer shaft sleeve	1	FJ28. FJ28L
P	RH 33401	Sleeve complete, speedometer shaft	1	FJ28. FJ28L
Q	BX 33484	Stopper, speedometer shaft sleeve	1	FJ28. FJ28L
R	TBN 0815	Bolt	1	
S	RH 33485	Collar, speedometer cable shaft packing	1	FJ28. FJ28L
T	RH 33486	Packing, speedometer cable shaft	1	FJ28. FJ28L
U	BX 57300	Cable assembly, speedometer	1	FJ28
	BJ25L57300	Cable assembly, speedometer	1	FJ28L

FIG.—36 TRANSFER GEAR & SHIFT LEVER



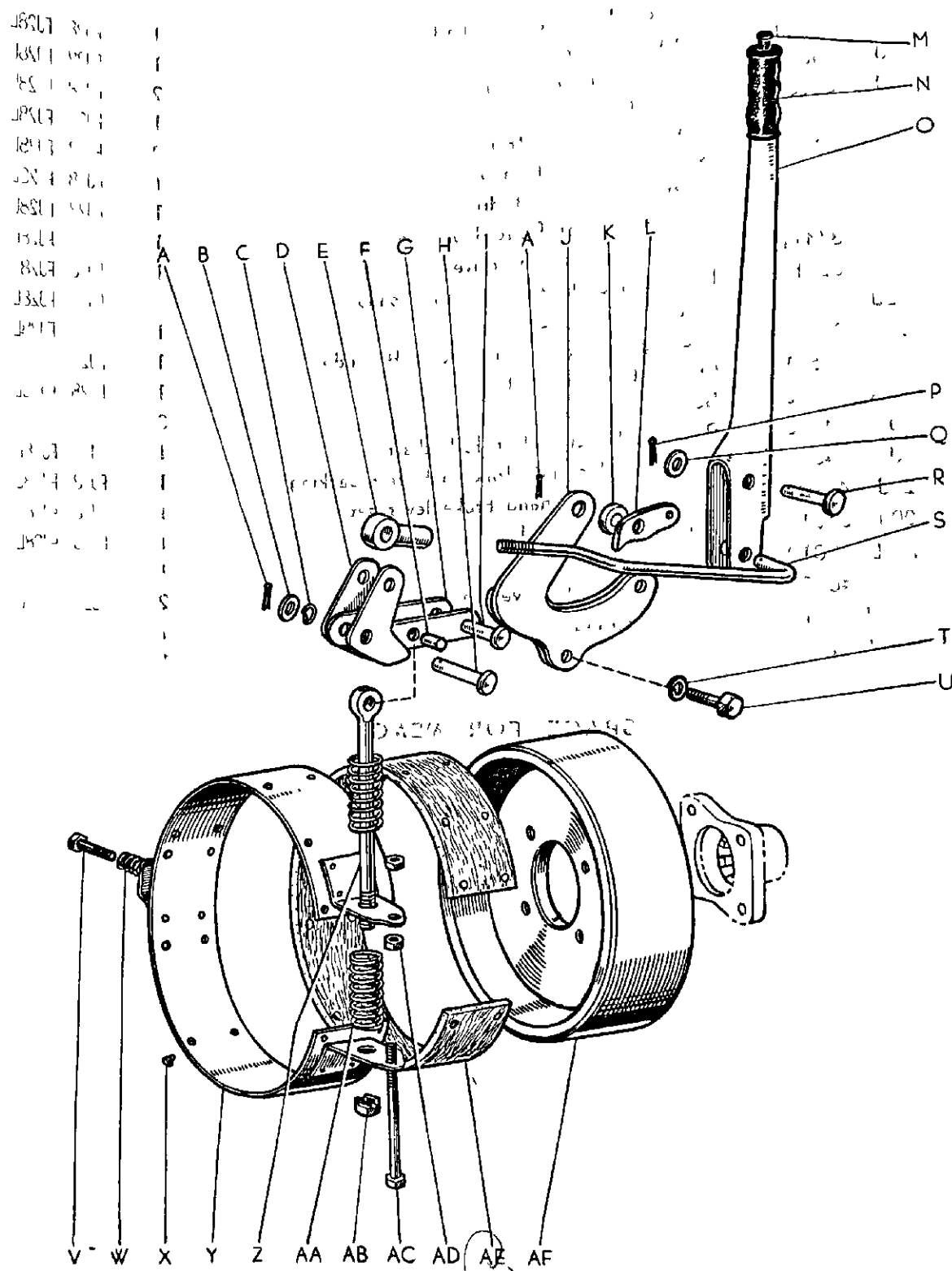
LAND CRUISER

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ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
(FIG.36)				
V	1424	Key, crankshaft & camshaft	1	FJ28. FJ28L
W	BJ 34611	Shaft, transfer idle gear	1	FJ28. FJ28L
X	BJ 34615	Spacer, transfer idle gear	2	FJ28. FJ28L
Y	BJ 34631	Gear, transfer idle	1	FJ28. FJ28L
Z	3282	Bearing, spline shaft rear	2	FJ28. FJ28L
AA	3291	Ring, spline shaft snap	1	FJ28. FJ28L
AB	BJ 34431	Gear, transfer front drive	1	FJ28. FJ28L
AC	BJ 34418	Spacer, transfer front drive gear	1	FJ28. FJ28L
AD	BJ 34411	Shaft, transfer front drive	1	FJ28. FJ28L
AE	32110	Ring, spline shaft rear bearing snap	1	FJ28. FJ28L
AF	2BJ 34513	Shaft, transfer fork	1	FJ28. FJ28L
AG	BJ 34512	Packing, transfer shift fork shaft guide	1	FJ28. FJ28L
AH	2BJ 34511	Guide, transfer shaft	1	FJ28 FJ28L
AI	TBN 0820	Bolt	3	
AJ	BJ 34515	Packing, transfer shift fork shaft	1	FJ28. FJ28L
AK	BJ 34516	Lock, transfer shift fork shaft felt packing	1	FJ28. FJ28L
AL	2BJ 46101	Plate complete, hand brake lever set	1	FJ28. FJ28L
AM	2BJ 34519	Pin, transfer shift lever	1	FJ28. FJ28L
AN	PWL 0010	Washer, plate	1	
AO	2BJ 46121	Bolt, hand brake lever set,	2	FJ28. FJ28L
AP	SWH 10	Washer, spring	1	
AQ	TNN 1008	Nut	1	

SPACE FOR MEMO

FIG.—37 CENTER BRAKE



NOMENCLATURE

PER
UNIT

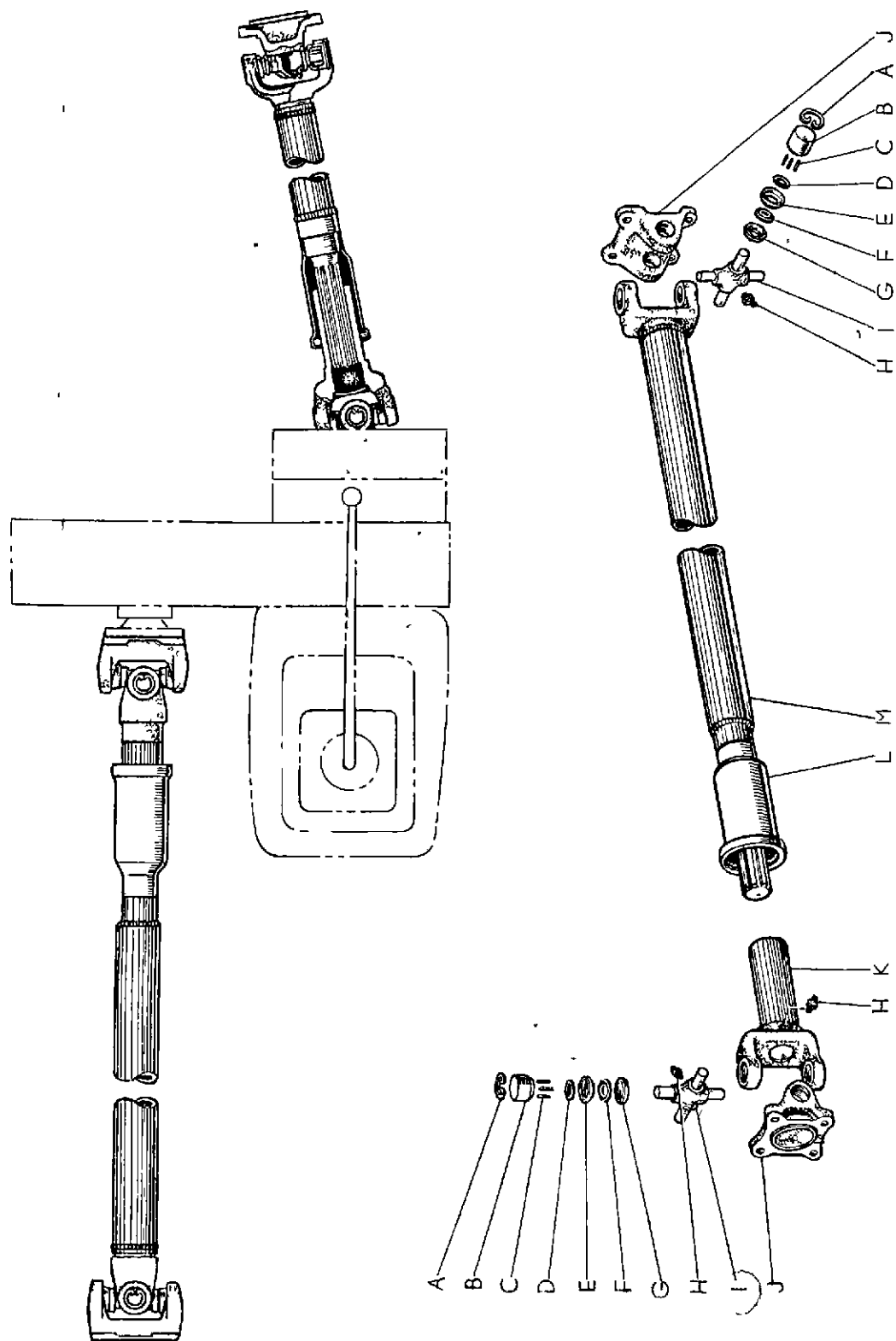
MODEL

CENTER BRAKE

(FIG. 37)

	2BJ	46110	Lever assembly, hand brake (include illustrations—A, J~S of Fig.—37)	1	FJ28
	BJ25L	46110	Lever assembly, hand brake	1	FJ28L
A	WP	2015	Pin, cotter	4	
B	S	11187	Washer, cylinder head bolt	3	FJ28, FJ28L
C	BX	46239	Washer, transmission brake cam pin coil spring	3	FJ28, FJ28L
D	BX	46231	Cam, transmission brake	2	FJ28, FJ28L
E	BX	46142	Link, transmission brake adjusting	1	FJ28, FJ28L
F	BX	46238	Pin, transmission brake parking shoe rod	1	FJ28, FJ28L
G	BX	46233	Retainer, transmission brake cam	2	FJ28, FJ28L
H	BX	46232	Pin, transmission brake cam	2	FJ28, FJ28L
I	BX	46234	Pin, transmission brake cam retainer	1	FJ28, FJ28L
J	FA	46101	Sector complete, hand brake lever	1	FJ28, FJ28L
K	FA	46125	Spacer, hand brake lever pawl	1	FJ28, FJ28L
L	FA	46118	Pawl, hand brake lever	1	FJ28, FJ28L
M	2BJ	46102	Knob complete, hand brake lever pawl rod	1	FJ28, FJ28L
N	2BJ	46103	Knob complete, hand brake lever	1	FJ28, FJ28L
O	2BJ	46111	Lever, hand brake	1	FJ28, FJ28L
P	WP	3018	Pin, cotter	1	FJ28, FJ28L
Q	PWL	0012	Washer, plate	1	
R	BX	46121	Pin, hand brake lever	1	FJ28, FJ28L
S	2BJ	46231	Rod, hand brake pull	1	FJ28
	BJ25L	46231	Rod, hand brake pull	1	FJ28L
T	SWH	10	Washer, spring	2	
U	TBN	1020	Bolt	2	(LHD only)
	YBN	1030	Bolt	2	(RHD only)
V	TBN	0840W	Bolt	1	
W	KC	4706	Spring, transmission brake shoe lug	1	FJ28, FJ28L
X	SB	47392	Rivet, brake lining	16	FJ28, FJ28L
	SB	46250	Shoe assembly, brake (include illustrations—X, Y, AE of Fig.—37)	1	FJ28, FJ28L
Y	SB	46205	Shoe complete, brake	1	FJ28, FJ28L
Z	BJ	46232	Rod, transmission brake parking shoe	1	FJ28, FJ28L
AA	KC	4712	Spring, transmission brake adjusting	2	FJ28, FJ28L
AB	KC	4713	Nut, transmission brake adjusting	1	FJ28, FJ28L
AC	JBN	0665TZ	Bolt	1	
AD	JNN	0605	Nut	2	
AE	SB	46271	Lining, center brake	1	FJ28, FJ28L
AF	BJ	46211	Drum, center brake	1	FJ28, FJ28L

FIG.—38 PROPELLER SHAFT & UNIVERSAL JOINT



NOMENCLATURE

PER
UNIT

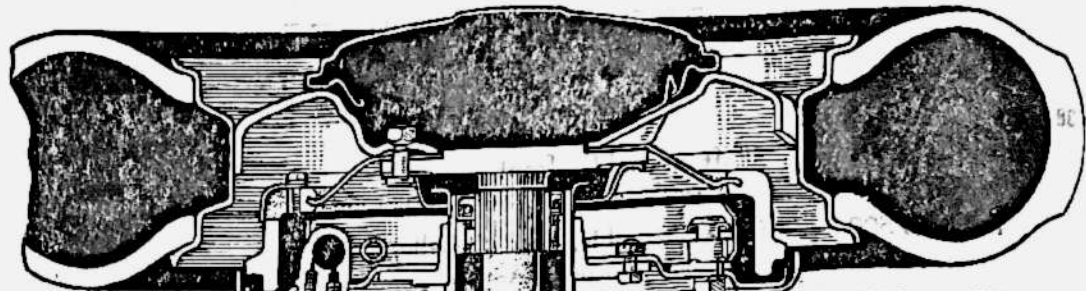
MODEL

PROPELLER SHAFT,
UNIVERSAL JOINT

(FIG 38)

	2BJ	37100	Shaft assembly, front propeller (include illustrations—A~M of Fig.—38)	1	FJ28. FJ28L
	FJ24	37500	Shaft assembly, rear propeller (include illustrations—A~M of Fig.—38)	1	FJ28. FJ28L
A	KB	3411	Ring, universal joint needle bearing snap	16	FJ28. FJ28L
	AKC	3407	Bearing unit, universal joint needle roller (include illustrations—B~E of Fig.—38)	16	FJ28. FJ28L
B	KC	3407	Bearing, universal joint needle roller	16	FJ28. FJ28L
C	KC	3408	Roller, universal joint needle	384	FJ28. FJ28L
D	KC	3409	Seat, universal joint needle roller	16	FJ28. FJ28L
E	KC	3410	Cover, universal joint needle roller seat	16	FJ28. FJ28L
F	2BJ	37441	Seal, universal joint oil	16	FJ28. FJ28L
G	KC	3412	Seat, universal joint cork ring	16	FJ28. FJ28L
H		43118	Nipple, grease	6	FJ28. FJ28L
	FA60	37402	Nipple, grease (For replacement)	6	FJ28. FJ28L
J	KC	3045	Spider complete, universal joint	4	FJ28. FJ28L
(J)	KC	3404	Yoke, universal joint retainer	4	FJ28. FJ28L
Q	KC	30412	Joint assembly, second universal (include illustrations—A~K of Fig.—38)	2	FJ28. FJ28L
K	KC	3042	Yoke complete, second universal joint rear	2	FJ28. FJ28L
L	KC	3044	Cover complete, second universal joint oil	2	FJ28. FJ28L
M	2BJ	37101	Shaft complete, front propeller	1	FJ28. FJ28L
	FJ24	37101	Shaft complete, rear propeller	1	FJ28. FJ28L

SPACE FOR MEMO



F138 F139

F138 F139

F138 F139

F138 F139

F138 F139

F138 F139

F138 F139

F138 F139

F138 F139

F138 F139

F138 F139

F138 F139

F138 F139

F138 F139

F138 F139

F138 F139

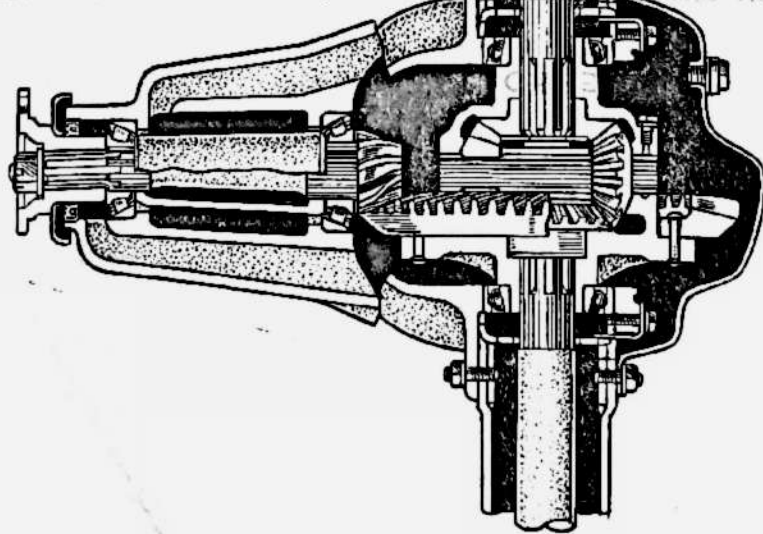
F138 F139

F138 F139

F138 F139

REAR AXLE

FIG-39



KB 3411

AKC 3407

KC 3407

KC 3408

KC 3409

KC 3410

3441 3441

KC 3412

4311 4311

FA80 3402

KC 3042

KC 3404

KC 30412

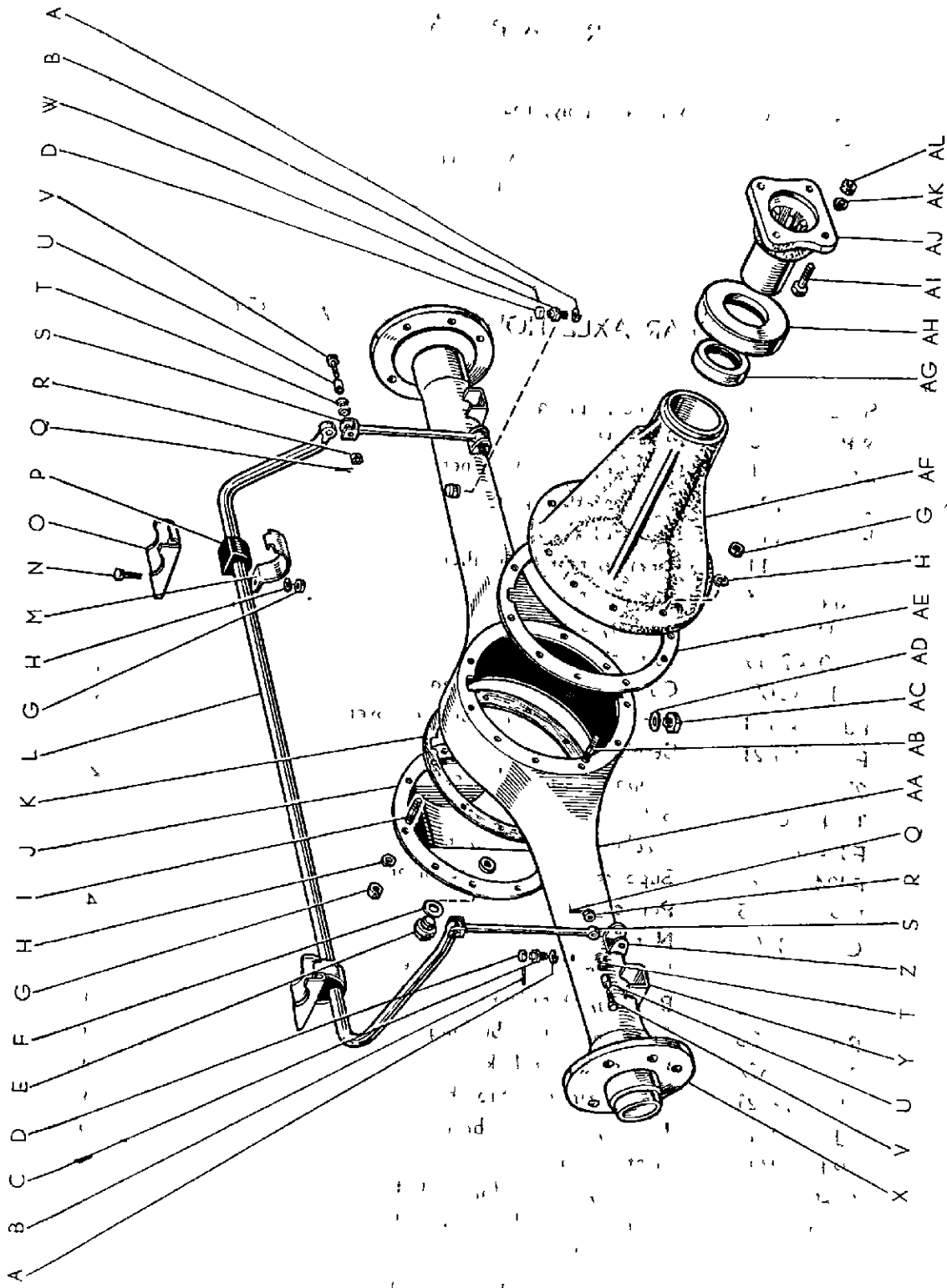
KC 3042

KC 3044

3410 3410

F134 3410

FIG.—40 REAR AXLE HOUSING & STABILIZER



ILLUS-
TRATION

PART NO.

NOMENCLATURE

R E A R A X L E

1 FJ28, FJ28L

FJ24 42000

Axle assembly, rear

(includes illustrations—A~K, W~AH, AJ of Fig.—40 and illustrations—A~AA of Fig.—41 and illustrations—A~N, R of Fig.—42 and illustrations—A~U of Fig.—50 and illustrations—D, E, G~I, K, M~T of Fig.—51)

R E A R A X L E H O U S I N G & S T A B I L I Z E R

(FIG.40)

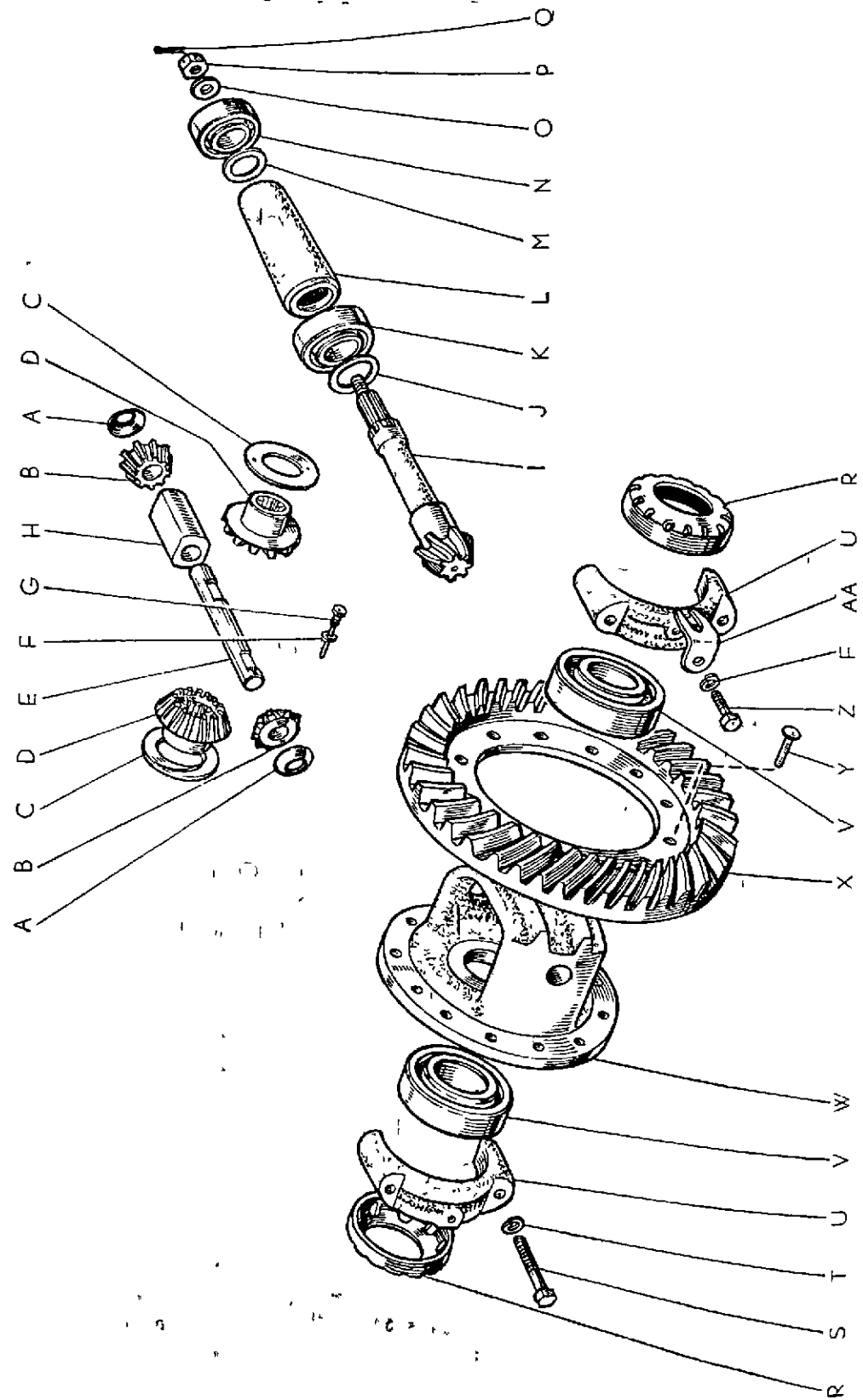
				2	
A	SWL 10	Washer, spring		2	
B	WP 1625	Pin, cotter		1	FJ28, FJ28L
C	SKB 42121	Plug, rear axle breather		2	FJ28, FJ28L
D	BM 42122	Cap, breather plug		1	FJ28, FJ28L
E	FJ20 42116	Plug, filler		1	FJ28, FJ28L
F	3611	Packing, rear axle filler plug		22	
G	TNN 0806	Nut		22	
H	SWH 08	Washer, spring		10	FJ28, FJ28L
I	FJ20 42119	Bolt, stud short		1	FJ28, FJ28L
J	2BJ 42173	Cover, rear axle housing		1	FJ28, FJ28L
K	BJ 42171	Packing, rear axle housing cover		1	FJ28, FJ28L
L	FJ24 48621	Stabilizer, rear		2	FJ28, FJ28L
M	2BH 48624	Support, rear stabilizer		2	
N	TBN 0820	Bolt		2	
O	FJ24 48623	Bracket, rear stabilizer support		2	FJ28, FJ28L
P	FJ24 48622	Support gum, rear stabilizer		2	FJ28, FJ28L
Q	WP 2025	Pin, cotter		4	
R	CNN 1009	Nut		4	
S	RR 48601	Link complete, rear stabilizer		2	FJ28, FJ28L
T	RR 48622	Bushing, stabilizer		4	FJ28, FJ28L
U	RR 48626	Piece, stabilizer bushing		4	FJ28, FJ28L
V	RR 48627	Pin, stabilizer link		4	FJ28, FJ28L
W	RS 42121	Plug, rear axle breather		1	FJ28, FJ28L
X	BJ 42113	Flange, rear axle brake		2	FJ28, FJ28L
Y	2BJ 42114	Seat, spring		2	FJ28, FJ28L
Z	2BH 42145	Bracket, rear stabilizer link		2	FJ28, FJ28L
	FJ24 42110	Housing assembly, rear axle		1	FJ28, FJ28L
		(include illustrations—I, X~AB of Fig.—40)			
AA	2BJ 42101	Housing complete, rear axle		1	FJ28, FJ28L
AB	FJ20 42118	Bolt, stud		10	FJ28, FJ28L
AC	FJ20 42117	Plug, drain		1	FJ28, FJ28L
AD	2BJ 33163	Packing, transmission case cover		1	FJ28, FJ28L

ILLUS- TRATION		PART NO.	LAND CRUISER NOMENCLATURE	PER UNIT	MODEL
(FIG.40)					
AE	BJ	42116	Packing, differential carrier	1	FJ28. FJ28L
	2BJ	41101	Carrier complete, differential (includes illustration—AF of Fig —40 and illustrations —S ~U of Fig.—41)	1	FJ28. FJ28L
AF	2BJ	41111	Carrier, differential	1	FJ28. FJ28L
AG	BJ	41201	Retainer complete, drive pinion yoke oil	1	FJ28. FJ28L
AH	BJ	41222	Cover, differential dust	1	FJ28. FJ28L
AI	TBK	1028T	Bolt	1	FJ28. FJ28L
AJ	BJ	41191	Retainer, differential joint yoke	4	
AK	SWH	10	Washer, spring	1	FJ28. FJ28L
AL	TNN	1008	Nut	4	
				4	

DIFFERENTIAL (Rear)

(FIG.41)					
	FJ20	41000	Differential assembly (includes illustrations—AF~AH, AJ of Fig —40 and illus- trations—A~AA of Fig —41)	1	FJ28. FJ28L
A	SG	41352	Washer, differential pinion thrust	2	FJ28. FJ28L
B		3521	Pinion, differential	2	FJ28. FJ28L
C	SG	41351	Washer, side gear thrust	2	FJ28. FJ28L
D		3520	Gear, differential side	2	FJ28. FJ28L
E		3508	Shaft, differential pinion	2	FJ28. FJ28L
F	SWH	08	Washer, spring	1	FJ28. FJ28L
G		3576	Pin, differential pinion shaft	3	
H	SG	41312	Spacer, differential pinion No.1 } (Optional	1	FJ28. FJ28L
	SG	41313	Spacer, differential pinion No.2 } specifications)	1	FJ28. FJ28L
	BJ	41202	Drive pinion & ring gear set, differential (include illustrations—I, X of Fig —41)	1	FJ28. FJ28L
I	BJ	41211	Pinion, differential drive	1	FJ28. FJ28L
J	BJ	41212	Shim, drive pinion adjust No.1 (t=0.228)	1~2	FJ28. FJ28L
	BJ	41213	Shim, drive pinion adjust No.2 (t=0.271)	1~2	FJ28. FJ28L
	BJ	41214	Shim, drive pinion adjust No.3 (t=0.35)	1~2	FJ28. FJ28L
	BJ	41215	Shim, drive pinion adjust No.4 (t=0.45)	1~2	FJ28. FJ28L
	BJ	41216	Plate, drive pinion thrust	1	FJ28. FJ28L
K	BRT	31307	Bearing, drive pinion rear	1	FJ28. FJ28L
L	RK	41221	Spacer, differential drive pinion	1	FJ28. FJ28L
M	BJ	41217	Shim, drive pinion spacer adjust No.1 (t=0.03)	1~2	FJ28. FJ28L
	BJ	41218	Shim, drive pinion spacer adjust No.2 (t=0.1)	1~2	FJ28. FJ28L
	BJ	41219	Shim, drive pinion spacer adjust No.3 (t=0.228)	1~2	FJ28. FJ28L
	BJ	41223	Shim, drive pinion spacer adjust No.4 (t=0.447)	1~2	FJ28. FJ28L
N	KB	4053	Bearing assembly, steering worm rear taper roller	1	FJ28. FJ28L
O	BJ	41121	Washer, differential drive pinion	1	FJ28. FJ28L
P	CNN	1612T	Nut	1	

FIG.—41 DIFFERENTIAL (Rear)



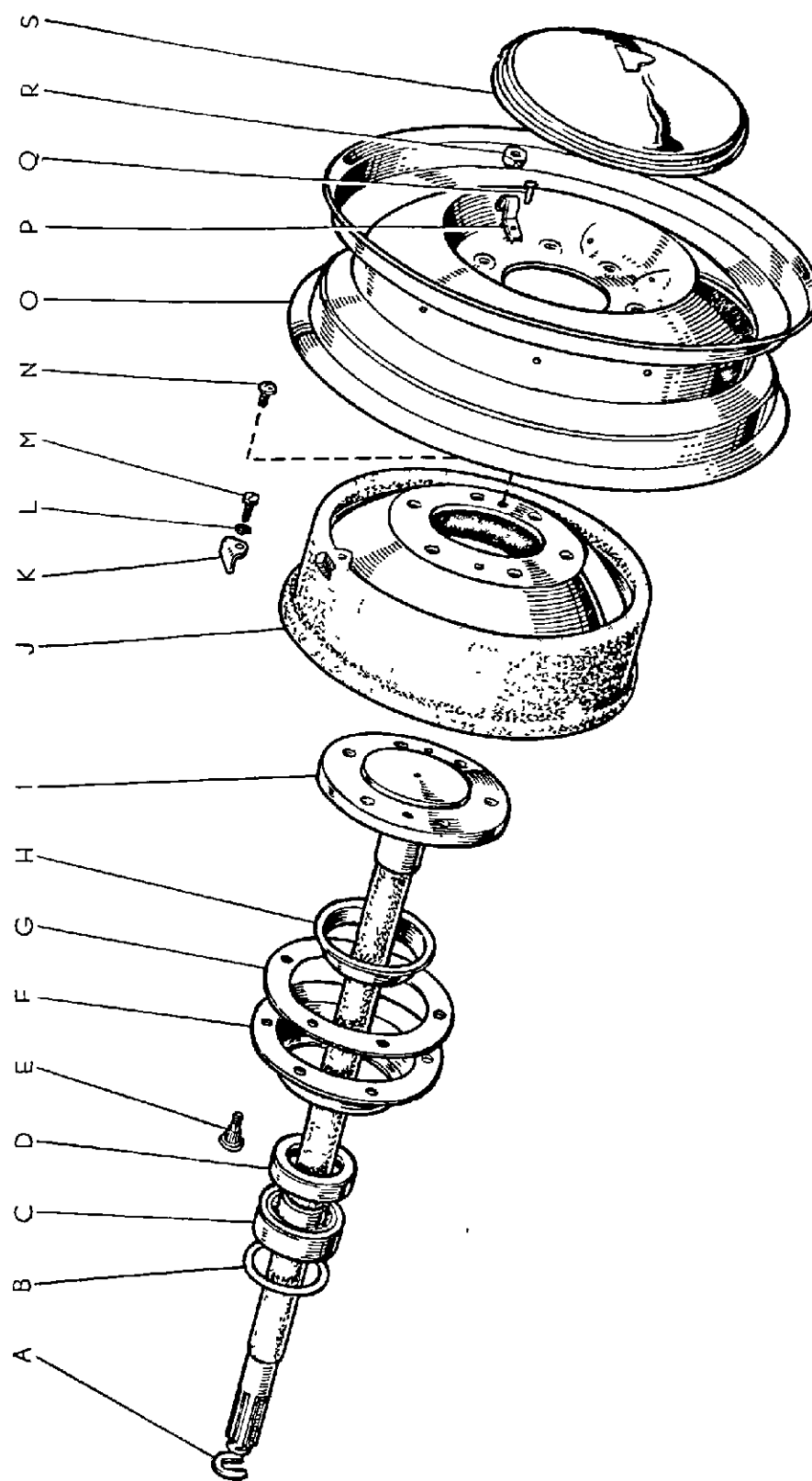
LAND CRUISER

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ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
(FIG 41)				
Q	WP 4025	Pin, cotter	1	
R	RS 41312	Nut, differential adjusting	2	FJ28. FJ28L
S	TBK 1260	Bolt	4	
T	SWH 12	Washer, spring	4	
U	SB 41312	Cap, differential carrier	2	FJ28. FJ28L
V	BRT 17887	Corn, taper roller bearing	2	FJ28. FJ28L
	BRT 17831	Cup, taper roller bearing	2	FJ28. FJ28L
	FJ20 41301	Case complete, differential (include illustrations—W~Y of Fig.—41)	1	FJ28. FJ28L
W	FJ20 41311	Case, differential	1	FJ28. FJ28L
X	BJ 41251	Gear, differential drive ring	1	FJ28. FJ28L
Y	SB 41252	Rivet, differential ring gear	6	FJ28. FJ28L
Z	TBN 0815	Bolt	2	
AA	RS 41313	Lock, differential adjusting nut	2	FJ28. FJ28L

SPACE FOR MEMO

FIG.—42 REAR AXLE SHAFT & DISC WHEEL

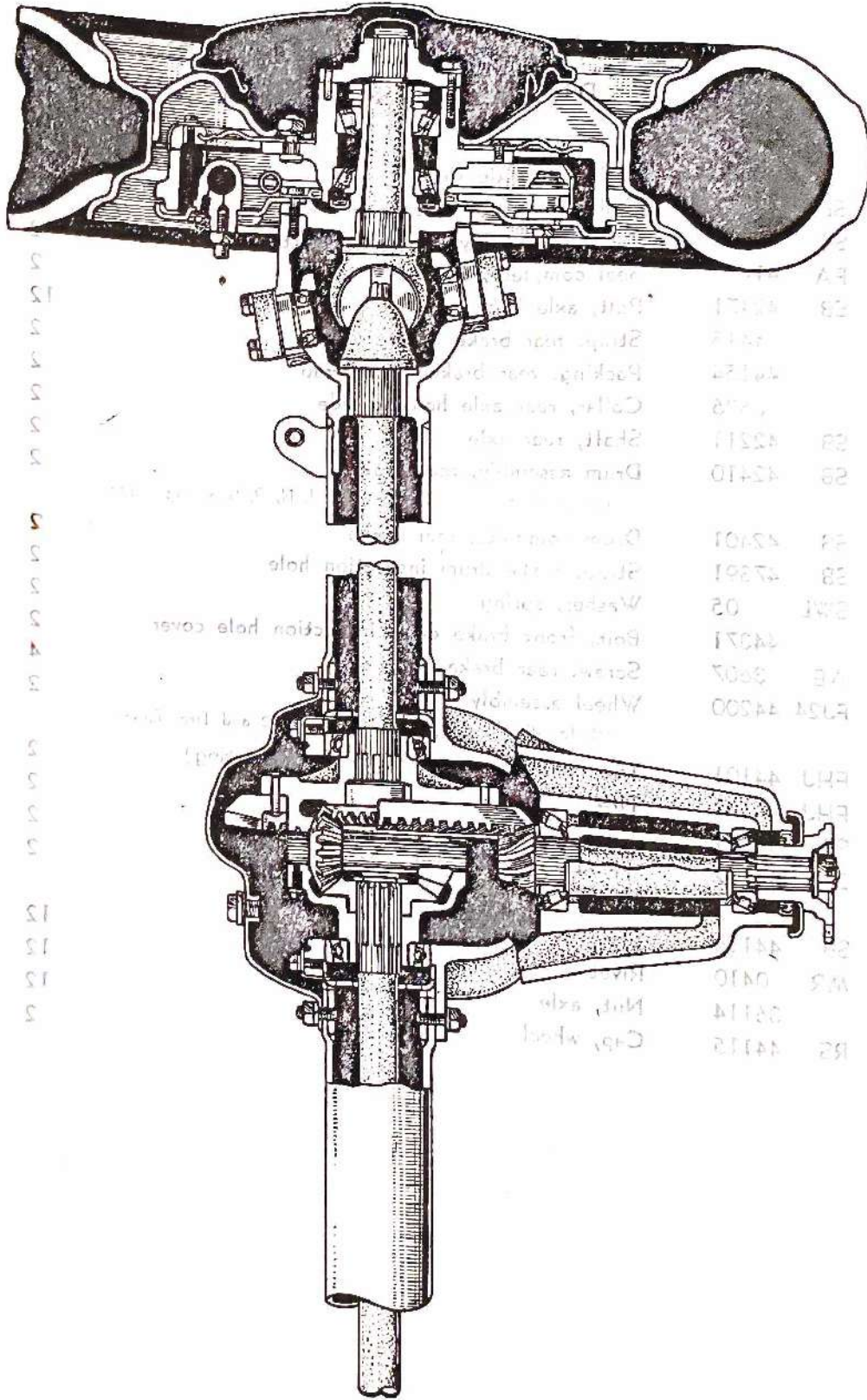


REAR AXLE SHAFT, DRUM & DISC WHEEL

(FIG 42)

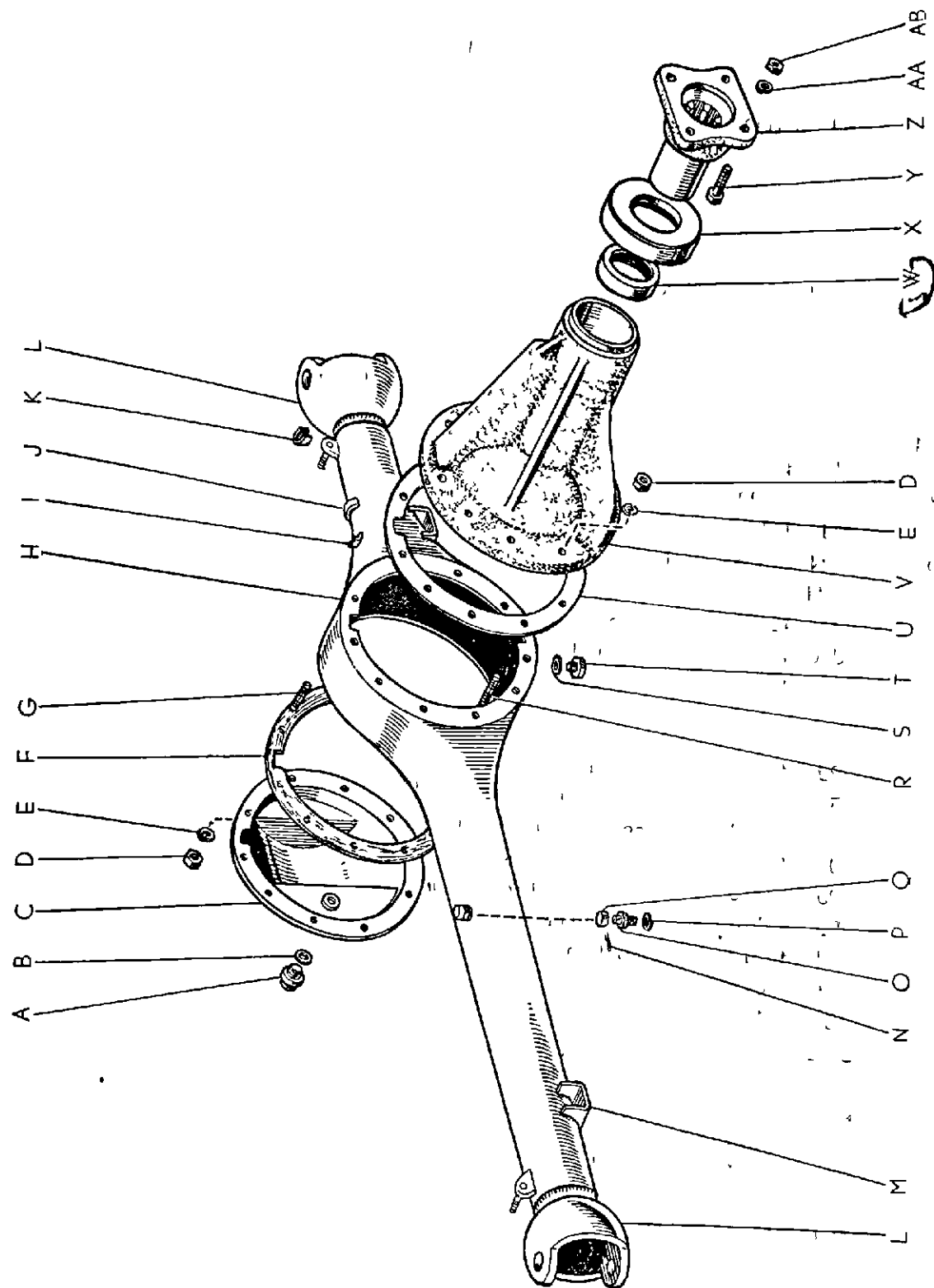
A		3624	Lock, rear axle shaft		
B	SB	42351	Collar, rear axle bearing	2	FJ28. FJ28L
C	SB	42310	Bearing assembly, rear axle shaft	2	FJ28. FJ28L
D	FA	41417	Seal complete, oil	2	FJ28. FJ28L
E	SB	42471	Bolt, axle hub	2	FJ28. FJ28L
F		4415	Strap, rear brake drum	12	FJ28. FJ28L
G		44154	Packing, rear brake drum strap	2	FJ28. FJ28L
H		3606	Collar, rear axle housing side	2	FJ28. FJ28L
I	SB	42211	Shaft, rear axle	2	FJ28. FJ28L
	SB	42410	Drum assembly, rear brake (include illustrations—C, E~G, I, J, N, P, S of Fig.—42)	2	FJ28. FJ28L
J	SB	42401	Drum complete, rear brake	2	FJ28. FJ28L
K	SB	47391	Strap, brake drum inspection hole	2	FJ28. FJ28L
L	SWL	05	Washer, spring	2	
M		44371	Bolt, front brake drum inspection hole cover	2	FJ28. FJ28L
N	AE	3607	Screw, rear brake drum set	4	FJ28. FJ28L
	FJ24	44200	Wheel assembly (includes illustrations—O~Q of Fig.—42 and Tire, Tube)	2	FJ28. FJ28L
	FHJ	44101	Tire tube complete (6.50-16-8ply rating)	2	FJ28. FJ28L
	FHJ	44141	Tire	2	FJ28. FJ28L
	SB	44161	Tube	2	FJ28. FJ28L
O	2BJ	44102	Wheel complete, disc (include illustrations—P, Q of Fig.—42)	2	FJ28. FJ28L
P	SB	44116	Stopper, wheel cap	12	FJ28. FJ28L
Q	MR	0410	Rivet	12	
R		36114	Nut, axle	12	FJ28. FJ28L
S	RS	44115	Cap, wheel	2	FJ28. FJ28L

FIG. 43 FRONT AXLE



44300 Wheel assembly
44307 Spring, rear
44308 Spring, front
44309 Spring, front
44310 Spring, front
44311 Spring, front
44312 Spring, front
44313 Spring, front
44314 Spring, front
44315 Spring, front
44316 Spring, front
44317 Spring, front
44318 Spring, front
44319 Spring, front
44320 Spring, front
44321 Spring, front
44322 Spring, front
44323 Spring, front
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44331 Spring, front
44332 Spring, front
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44384 Spring, front
44385 Spring, front
44386 Spring, front
44387 Spring, front
44388 Spring, front
44389 Spring, front
44390 Spring, front
44391 Spring, front
44392 Spring, front
44393 Spring, front
44394 Spring, front
44395 Spring, front
44396 Spring, front
44397 Spring, front
44398 Spring, front
44399 Spring, front
44400 Spring, front

FIG.—44 FRONT AXLE HOUSING



LAND CRUISER

ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
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FRONT AXLE

	2BJ 43000A	Axle assembly, front (includes illustrations—A~X, Z of Fig—44 and illustrations—A~AA of Fig—45 and illustrations—A~AH, AJ~AY of Fig—46 and illustrations—G, I~L, W~AD, AH, AI, AK, AV of Fig—47 and illustrations—A~F, H~Y of Fig—50 and illustrations—A~L of Fig—51)	1	FJ28
C	BJ25L43000A	Axle assembly, front	1	FJ28L

FRONT AXLE HOUSING

(FIG.44)

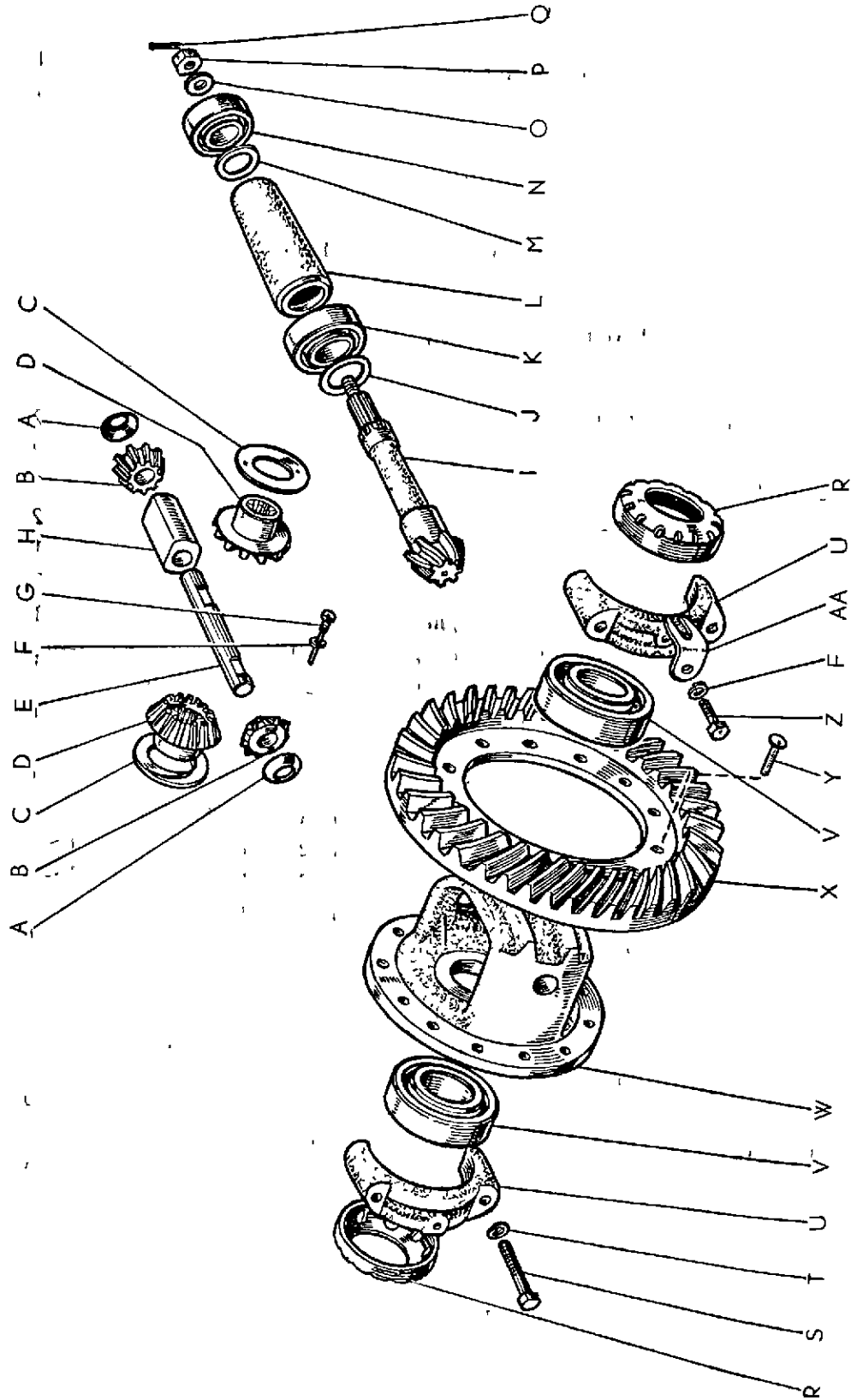
A	FJ20 42116	Plug, filler	1	FJ28. FJ28L
B	3611	Packing, rear axle filler plug	2	FJ28. FJ28L
C	2BJ 42173	Cover, rear axle housing	1	FJ28. FJ28L
D	TNN 0806	Nut	20	
E	SWH 08	Washer, spring	20	
F	BJ 42171	Packing, rear axle housing cover	1	FJ28. FJ28L
G	FJ20 42119	Bolt, stud short	10	FJ28. FJ28L
	2BJ 43120	Housing assembly, front axle (includes illustrations—G~M, R of Fig.—44 and illustration—B of Fig—46 and illustration—AE of Fig—53)	1	FJ28. FJ28L
H	2BJ 43102	Housing complete, front axle	1	FJ28. FJ28L
I	2BJ 43514	Stopper, front spring "U" bolt	2	FJ28. FJ28L
J	2BJ 43513	Stopper, front spring cushion	2	FJ28. FJ28L
K	BJ 43515	Stop, steering knuckle	2	FJ28. FJ28L
L	2BJ 43113	Case, front drive ball joint	2	FJ28. FJ28L
M	2BJ 42114	Seat, spring	2	FJ28. FJ28L
	2BJ 43512	Seat, front spring front RH	1	FJ28. FJ28L
N	WP 1025	Pin, cotter	1	FJ28. FJ28L
O	RS 42121	Plug, rear axle breather	1	
P	SWL 10	Washer, spring	1	FJ28. FJ28L
Q	BM 42122	Cap, breather plug	1	
R	FJ20 42118	Bolt, stud	1	FJ28. FJ28L
S	2BJ 33163	Packing, transmission case cover plug	10	FJ28. FJ28L
T	FJ20 42117	Plug, drain	1	FJ28. FJ28L
U	BJ 42116	Packing, differential carrier	1	FJ28. FJ28L
	2BJ 41101	Carrier complete, differential (includes illustration—V of Fig.—44 and illustrations—S~U of Fig.—45)	1	FJ28. FJ28L
V	2BJ 41111	Carrier, differential	1	FJ28. FJ28L
W	BJ 41201	Retainer complete, drive pinion yoke oil	1	FJ28. FJ28L
X	BJ 41222	Cover, differential dust	1	FJ28. FJ28L

ILLUS- TRATION		PART NO.		LAND CRUISER	99	
				NOMENCLATURE	PER UNIT	MODEL
(FIG 44)						
Y	TBK	1028T	Bolt			
Z	BJ	41191	Retainer, differential joint yoke		4	
AA	SWH	10	Washer, spring		1	FJ28 FJ28L
AB	TNN	1008	Nut		4	
					4	

DIFFERENTIAL (Front)

(FIG 45)					
	FJ20	41000	Differential assembly (includes illustrations—V, W, X, Z of Fig.—44 and illustrations—A~AA of Fig.—45)	1	FJ28, FJ28L
A	SG	41352	Washer, differential pinion thrust	2	FJ28, FJ28L
B		3521	Pinion, differential	2	FJ28, FJ28L
C	SG	41351	Washer, side gear thrust	2	FJ28, FJ28L
D		3520	Gear, differential side	2	FJ28, FJ28L
E		3508	Shaft, differential pinion	1	FJ28, FJ28L
F	SWH	08	Washer, spring	3	
G		3576	Pin, differential pinion shaft	1	FJ28, FJ28L
H	SG	41312	Spacer, differential pinion No.1 } (Optional specifications)	1	FJ28 FJ28L
	SG	41313	Spacer, differential pinion No.2 }		
	BJ	41202	Drive pinion & ring gear set, differential (include illustrations—I, X of Fig.—45)	1	FJ28, FJ28L
I	BJ	41211	Pinion, differential drive	1	FJ28, FJ28L
J	BJ	41212	Shim, drive pinion adjust No.1 (t=0.228)	1~2	FJ28, FJ28L
	BJ	41213	Shim, drive pinion adjust No.2 (t=0.271)	1~2	FJ28, FJ28L
	BJ	41214	Shim, drive pinion adjust No.3 (t=0.35)	1~2	FJ28, FJ28L
	BJ	41215	Shim, drive pinion adjust No.4 (t=0.45)	1~2	FJ28, FJ28L
	BJ	41216	Plate, drive pinion thrust	1	FJ28, FJ28L
K	BRT	31307	Bearing, drive pinion rear	1	FJ28, FJ28L
L	RK	41221	Spacer, differential drive pinion	1	FJ28 FJ28L
M	BJ	41217	Shim, drive pinion spacer adjust No.1 (t=0.03)	1~2	FJ28, FJ28L
	BJ	41218	Shim, drive pinion spacer adjust No.2 (t=0.1)	1~2	FJ28, FJ28L
	BJ	41219	Shim, drive pinion spacer adjust No.3 (t=0.228)	1~2	FJ28, FJ28L
	BJ	41223	Shim, drive pinion spacer adjust No.4 (t=0.447)	1~2	FJ28, FJ28L
N	KB	4053	Bearing assembly, steering worm rear taper roller	1	FJ28, FJ28L
O	BJ	41121	Washer, differential drive pinion	1	FJ28, FJ28L
P	CNN	1612T	Nut	1	
Q	WP	4025	Pin, cotter	1	
R	RS	41312	Nut, differential adjusting	2	FJ28, FJ28L
S	TBK	1260	Bolt	4	
T	SWH	12	Washer, spring	4	
U	SB	41312	Cap, differential carrier	2	FJ28, FJ28L
V	BRT	17887	Corn, taper roller bearing	2	FJ28, FJ28L

FIG. 45 DIFFERENTIAL (Front)



NOMENCLATURE

PER
UNIT

MODEL

(FIG. 45)

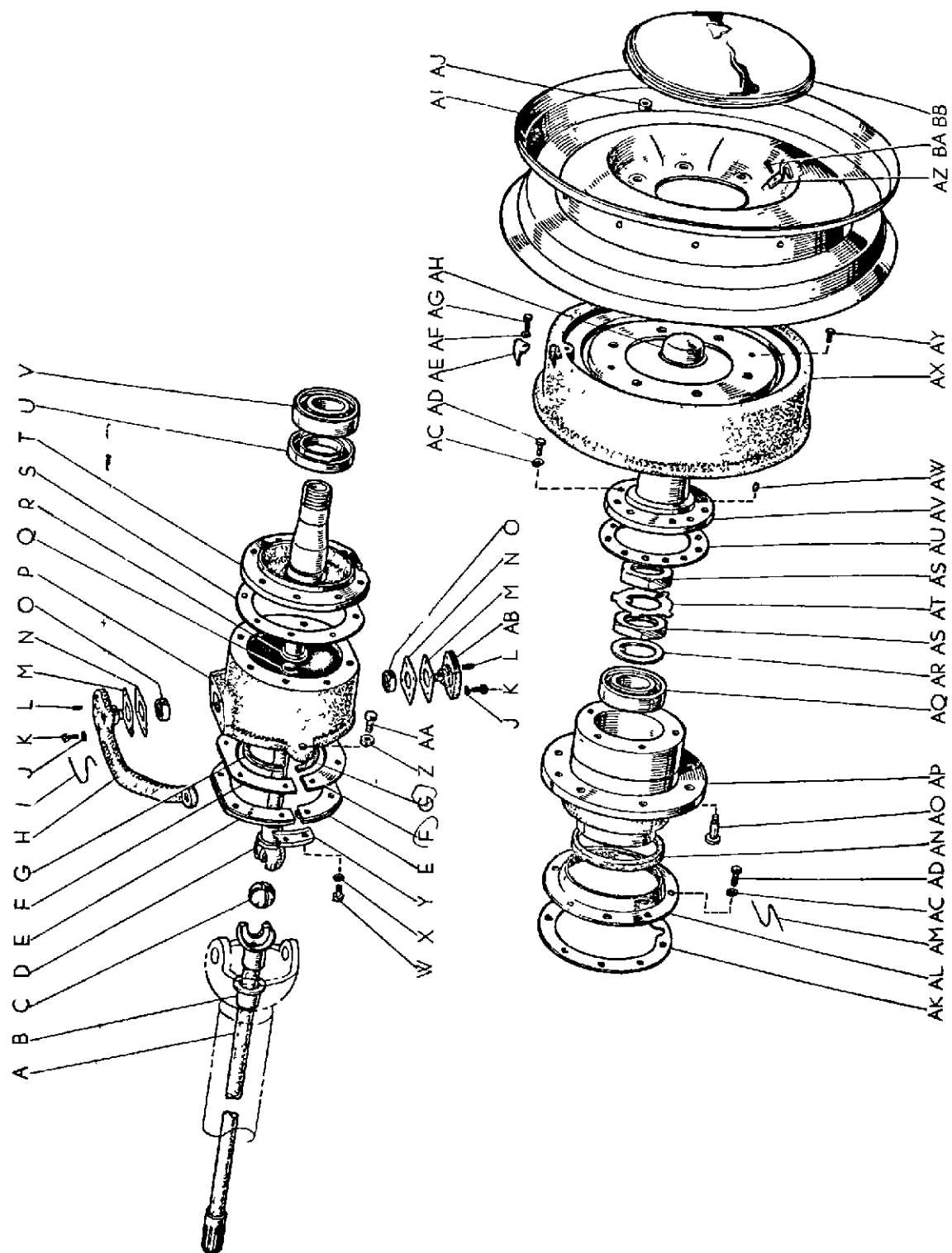
	BRT	17831	Cup, taper roller bearing	2	FJ28, FJ28L
	FJ20	41301	Case, complete, differential (include illustrations—W~Y of Fig.—45)	1	FJ28, FJ28L
W	FJ20	41311	Case, differential	1	FJ28, FJ28L
X	BJ	41251	Gear, differential drive ring	1	FJ28, FJ28L
Y	SB	41252	Rivet, differential ring gear	12	FJ28, FJ28L
Z	TBN	0815	Bolt	2	FJ28, FJ28L
AA	RS	41313	Lock, differential adjusting nut	2	FJ28, FJ28L

FRONT AXLE SHAFT, WHEEL HUB,
BEARING, DRUM & DISC WHEEL

(FIG. 46)

A	BJ	43312	Shaft, front axle LH	1	FJ28, FJ28L
	BJ	43311	Shaft, front axle RH	1	FJ28, FJ28L
B	BJ	43115	Bushing, front axle shaft LH	1	FJ28, FJ28L
	BJ	43114	Bushing, front axle shaft RH	1	FJ28, FJ28L
C	BJ	43351	Joint, front drive ball	2	FJ28, FJ28L
D	BJ	43313	Shaft, front drive	2	FJ28, FJ28L
E	2BJ	43202	Retainer complete, steering knuckle oil	4	FJ28, FJ28L
F	BJ	43223	Packing, steering knuckle oil retainer	4	FJ28, FJ28L
G	BJ	43222	Retainer, steering knuckle oil	4	FJ28, FJ28L
H	BJ	43214	Arm, steering knuckle LH	1	FJ28, FJ28L
	BJ	43213	Arm, steering knuckle RH	1	FJ28, FJ28L
I	BJ	43234	Wire, steering third & knuckle arm set bolt/lock	8	FJ28, FJ28L
J	SWH	10	Washer, spring	16	
K	TBT	1030T	Bolt	16	
L	BJ	43236	Pin, steering knuckle knock	4	FJ28, FJ28L
M	BJ	43216	Shim, steering knuckle adjust ($t=0.2$)	4~8	FJ28, FJ28L
N	BJ	43217	Shim, steering knuckle adjust ($t=0.5$)	12~16	FJ28, FJ28L
O	BRT	30303	Bearing, steering knuckle	4	FJ28, FJ28L
P	2BJ	43212	Knuckle, steering LH	1	FJ28, FJ28L
	2BJ	43211	Knuckle, steering RH	1	FJ28, FJ28L
Q	BJ	43318	Ring, front drive shaft snap	2	FJ28, FJ28L
R	BJ	43113	Bushing, drive shaft	2	FJ28, FJ28L
S	BJ	43225	Packing, steering knuckle spindle	2	FJ28, FJ28L
	BJ	43203	Spindle complete, steering knuckle (include illustrations—R, T of Fig.—46)	2	FJ28, FJ28L
T	BJ	43224	Spindle, steering knuckle	2	FJ28, FJ28L
U	BM	43415	Retainer, steering knuckle grease	2	FJ28, FJ28L
V	BRT	26820	Bearing, front wheel inner	2	FJ28, FJ28L
W	JBN	0612	Bolt	16	
X	SWH	06	Washer, spring	16	

FIG.—46 FRONT AXLE SHAFT & DISC WHEEL



NOMENCLATURE

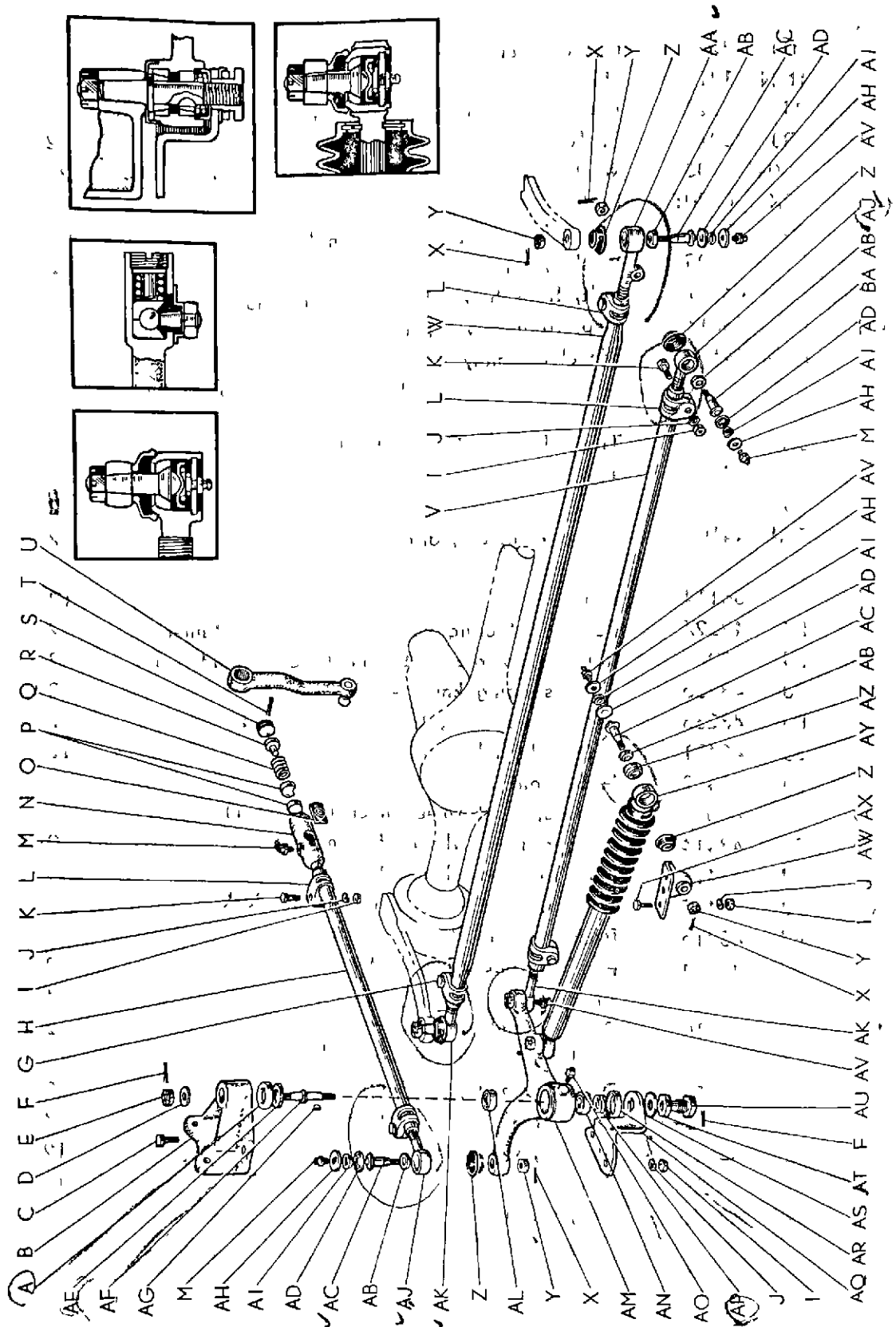
PER
UNIT

MODEL

(FIG. 46)

Y	2BJ	43229	Cover, steering knuckle dust	4	FJ28, FJ28L
Z	TNN	1210	Nut	2	
AA	BJ	43228	Bolt, steering knuckle stop adjust	2	FJ28, FJ28L
AB	2BJ	43215	Shaft, steering knuckle	2	FJ28, FJ28L
AC	SWH	08	Washer, spring	28	
AD	TBK	0830T	Bolt	28	
AE	SB	47391	Strap, brake drum inspection hole	2	FJ28, FJ28L
AF	SWL	05	Washer, spring	2	
AG		44371	Bolt, front brake drum inspection hole cover	2	FJ28, FJ28L
AH	BJ	43317	Cap, front drive shaft flange	2	FJ28, FJ28L
	FJ24	44100	Wheel assembly	2	FJ28, FJ28L
			(includes illustrations—AI, AZ, BA of Fig.—46 and Tire, Tube)		
	SK	44101	Tire tube complete (6.50-16-6ply rating)	2	FJ28, FJ28L
	SK	44141	Tire	2	FJ28, FJ28L
	SB	44161	Tube	2	FJ28, FJ28L
AI	2BJ	44102	Wheel complete, disc	2	FJ28, FJ28L
			(include illustrations—AZ, BA of Fig.—46)		
AJ		36114	Nut, axle	12	FJ28, FJ28L
AK	BJ	43227	Packing, steering knuckle spindle oil retainer	2	FJ28, FJ28L
AL	BJ	43205	Retainer complete, steering knuckle spindle oil	2	FJ28, FJ28L
AM	BJ	43235	Wire, steering knuckle spindle set bolt lock	2	FJ28, FJ28L
AN	BJ	43233	Retainer, steering knuckle spindle oil	2	FJ28, FJ28L
AO	SB	42471	Bolt, axle hub	12	FJ28, FJ28L
AP	BJ	43412	Hub, front axle	2	FJ28, FJ28L
AQ		40515	Bearing, front wheel inner (For outer)	2	FJ28, FJ28L
AR	BJ	43414	Washer, front wheel adjusting nut	2	FJ28, FJ28L
AS	BJ	43413	Nut, front wheel adjusting	4	FJ28, FJ28L
AT	BJ	43415	Washer, front wheel adjusting nut lock	2	FJ28, FJ28L
AU	BJ	43315	Packing, front drive shaft flange	2	FJ28, FJ28L
AV	BJ	43314	Flange, front drive shaft	2	FJ28, FJ28L
AW	BJ	43316	Knock, front drive shaft flange	4	FJ28, FJ28L
	BJ	43410	Drum assembly, front brake	2	FJ28, FJ28L
			(include illustrations—AJ, AO, AP, AX, AY of Fig.—46)		
AX	BJ	43401	Drum complete, front brake	2	FJ28, FJ28L
AY	AE	3607	Screw, rear brake drum set	4	FJ28, FJ28L
AZ	SB	44116	Stopper, wheel cap	12	FJ28, FJ28L
BA	MR	0410	Rivet	12	FJ28, FJ28L
BB	RS	44115	Cap, wheel	2	FJ28, FJ28L

FIG.-47 TIE-ROD & DRAG LINK



ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
TIE-ROD, RELAY-ROD, DRAG LINK, CENTER ARM & STEERING DAMPER				
(FIG.47)				
	2BJ 43250	Tie-rod assembly (include illustrations—G, I~L, W~AD, AH, AI, AK, AV of Fig.—47)	1	FJ28
	BJ25L43250	Tie-rod assembly	1	FJ28L
	2BJ 45320	Link assembly, drag (include illustrations—H~U, AB~AD, AH~AJ of Fig.—47)	1	FJ28, FJ28L
	2BJ 45340	Relay-rod assembly, steering (include illustrations—I~M, V, X~Z, AB~AD, AH~AK, AV, BA of Fig.—47)	1	FJ28, FJ28L
	2BJ 45360	Arm assembly, steering center (include illustrations—A, D~F, AE~AG, AL~AU of Fig. —47)	1	FJ28
	BJ25L45360	Arm assembly, steering center	1	FJ28L
	RR 45300	Damper assembly, steering (include illustrations—X~Z, AB~AD, AH, AI, AV, AY, AZ of Fig.—47)	1	FJ28, FJ28L
A	2BJ 45386	Cover, center arm dust upper	1	FJ28, FJ28L
B	2BJ 45344	Bracket, center arm	1	FJ28
	BJ25L45344	Bracket, center arm	1	FJ28L
C	TBN 1035	Bolt	2	
D	PWL 5016	Washer, plate	1	
E	CNN 1612T	Nut	1	
F	WP 4035	Pin, cotter	2	
G	2BJ 43253	Bolt, tie-rod clamp	1	FJ28, FJ28L
H	2BJ 45332	Link, drag	1	FJ28, FJ28L
I	TNN 1008	Nut	10	
J	SWH 10	Washer, spring	10	
K	TBN 1040	Bolt	4	
L	RS 45352	Clamp, tie-rod adjusting tube	6	FJ28, FJ28L
M	RS 43108	Nipple, 90° vent small grease	3	FJ28, FJ28L
	2BJ 45350	End assembly, drag link RH (include illustrations—M~U of Fig.—47)	1	FJ28, FJ28L
N	2BJ 45333	End, drag link RH	1	FJ28, FJ28L
O	2BJ 45334	Cover, drag link dust	1	FJ28, FJ28L
P	SG 45334	Seat, drag link ball	2	FJ28, FJ28L
Q	SG 45332	Spring, drag link ball seat	1	FJ28, FJ28L
R	SG 45333	Spacer, drag link ball seat	1	FJ28, FJ28L
S	SG 45335	Plug, drag link end	1	FJ28, FJ28L
T	WP 3040	Pin, cotter	1	
U	2BJ 45301	Arm complete, pitman	1	FJ28, FJ28L
V	2BJ 45336	Relay-rod, steering	1	FJ28, FJ28L
W	2BJ 43251	Tie-rod	1	FJ28, FJ28L

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ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
(FIG.47)				
X	WP 2025	Pin, cotter	7	
Y	SB 43266	Nut, steering knuckle arm knob	7	FJ28, FJ28L
Z	RS 45336	Seal, tie-rod end dust	7	FJ28, FJ28L
	2BJ 43201	End complete, tie-rod LH (include illustrations—AA~AD, AH, AI of Fig.—47)	1	FJ28
	BJ25L43201	End complete, tie-rod LH	1	FJ28L
AA	2BJ 43252	End, tie-rod LH	1	FJ28
	BJ25L43252	End, tie-rod RH	1	FJ28L
AB	RS 45332	Ball, tie-rod end	7	FJ28, FJ28L
AC	RS 45333	Knob, tie-rod end	6	FJ28, FJ28L
AD	RS 45334	Seat, tie-rod end ball	7	FJ28, FJ28L
AE	2BJ 45385	Cover felt, center arm dust	1	FJ28, FJ28L
AF	2BJ 45375	Shaft, center arm	1	FJ28, FJ28L
AG	S 15143	Key, oil pump shaft	1	FJ28, FJ28L
AH	RS 45355	Plug, tie-rod end	7	FJ28, FJ28L
AI	RS 45335	Spring, tie-rod end	7	FJ28, FJ28L
	RS 45302	End complete, tie-rod (include illustrations—AB~AD, AH~AJ of Fig.—47)	1	FJ28, FJ28L
AJ	RS 45354	End, tie-rod	2	FJ28, FJ28L
	RR 45301	End complete, tie-rod RH (include illustrations—AB~AD, AH, AI, AK of Fig.—47)	2	FJ28, FJ28L
AK	RR 45354	End, tie-rod RH	2	FJ28, FJ28L
AL	2BJ 45303	Bearing complete, center arm upper	1	FJ28, FJ28L
AM	BJ 45337	Arm, steering center	1	FJ28
	BJ25L45337	Arm, steering center	1	FJ28L
AN	2BJ 45304	Bearing complete, center arm lower	1	FJ28, FJ28L
AO	43118	Nipple, grease	1	FJ28, FJ28L
	FA60 37402	Nipple, grease (For replacement)	1	FJ28, FJ28L
AP	2BJ 45378	Spring, center arm shaft	1	FJ28, FJ28L
AQ	2BJ 45381	Support, center arm shaft	1	FJ28
	BJ25L45381	Support, center arm shaft	1	FJ28L
AR	2BJ 45379	Cover, center arm dust lower	1	FJ28, FJ28L
AS	2BJ 45382	Plate, center arm bracket nut lock	1	FJ28, FJ28L
AT	2BJ 45383	Nut, center arm bracket	1	FJ28, FJ28L
AU	2BJ 45384	Nut, center arm shaft	1	FJ28, FJ28L
AV	RK 37402	Cup, small oil	5	FJ28, FJ28L
AW	2BJ 45372	Bracket, steering damper	1	FJ28, FJ28L
AX	TBN 1030	Bolt	2	
AY	RR 45370	Damper sub assembly, steering	1	FJ28, FJ28L
	RR 45307	End complete, steering damper (include illustrations—AB~AD, AH, AI, AZ of Fig.—47)	2	FJ28, FJ28L
AZ	RR 45371	End, steering damper	2	FJ28, FJ28L
	2BJ 45302	End complete, steering relay-rod (include illustrations—AB, AD, AH~AJ, BA of Fig.—47)	1	FJ28, FJ28L
BA	2BJ 45346	Knob, steering relay-rod end	1	FJ28, FJ28L

FIG. 48 S T E E R I N G

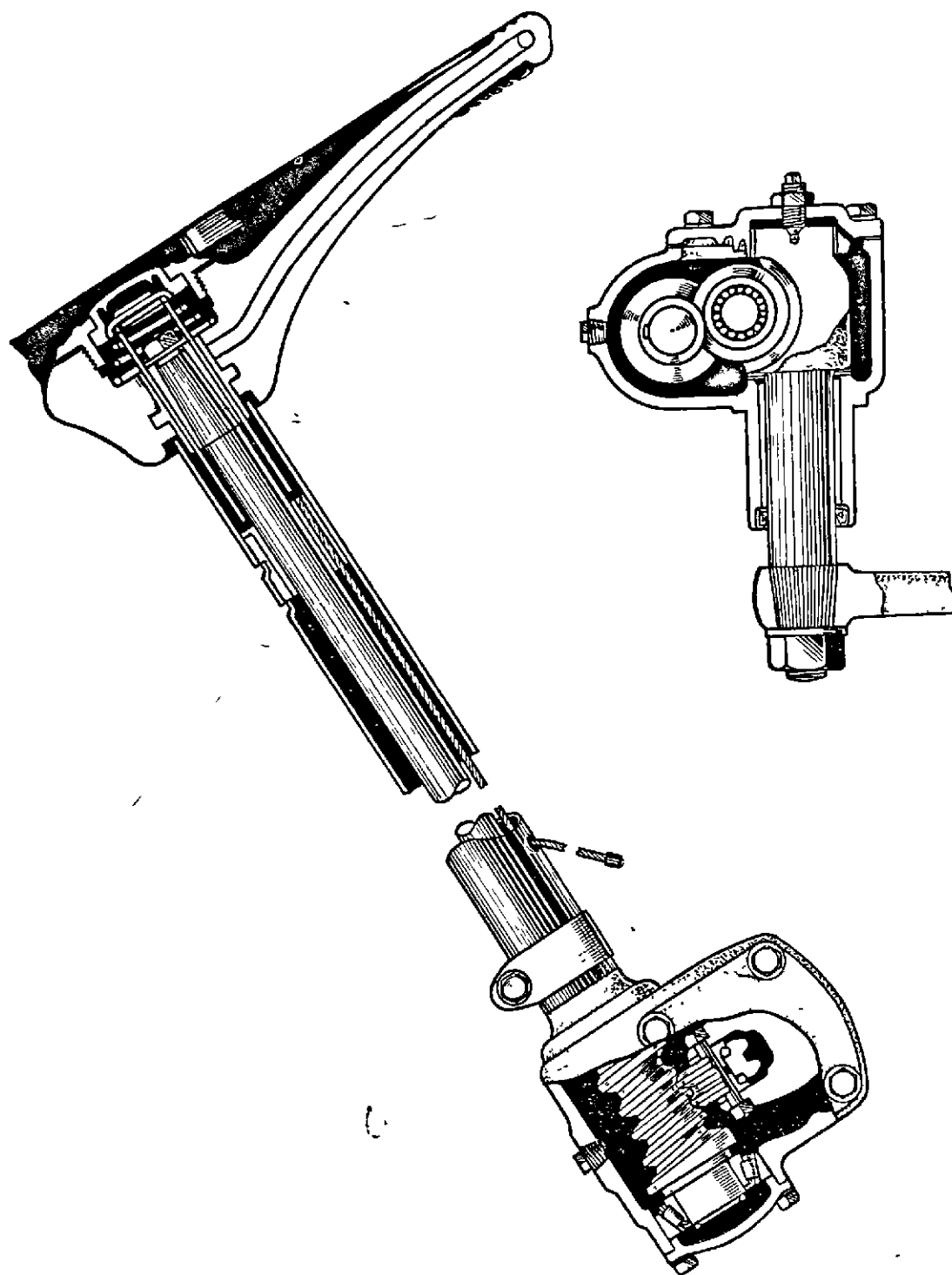
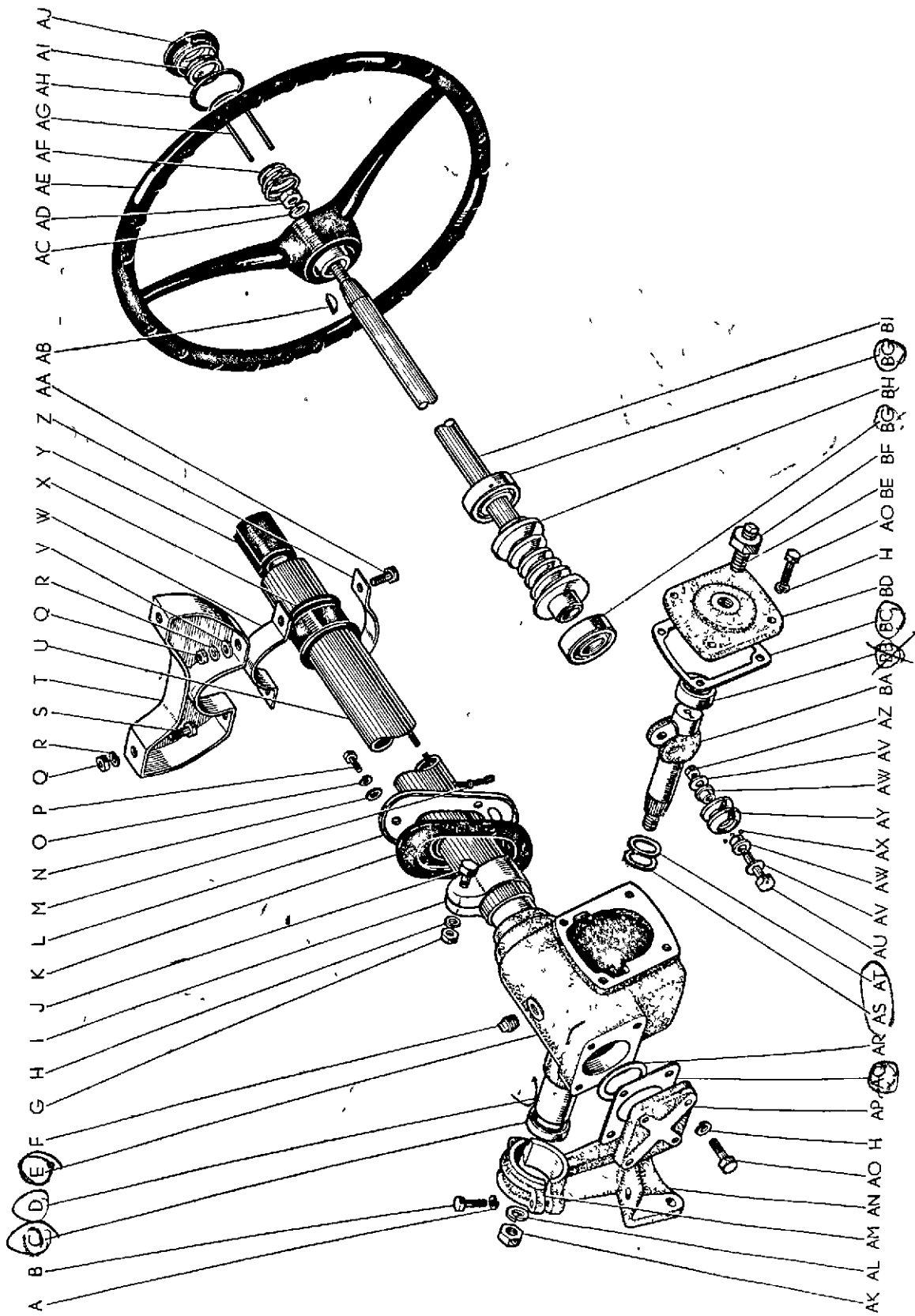


FIG.—49 STEERING GEAR BOX & WHEEL



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ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
STEERING				
2BJ 45000		Steering assembly (include illustrations—C~J, M, U, Y, AB~AL, AO~BI of Fig.—49)	1	FJ28
BJ25L45000		Steering assembly	1	FJ28L
2BJ 45100		Box assembly, steering gear (include illustrations—C~J, M, U, Y, AK, AL, AO~BI of Fig.—49)	1	FJ28
BJ25L45100		Box assembly, steering gear	1	FJ28L
STEERING GEAR BOX & WHEEL				
(FIG 49)				
A	SWH 12	Washer, spring	2	
B	TBK 1240	Bolt	2	
C	RKL 45203	Retainer, steering sector shaft oil	1	FJ28, FJ28L
D	RKL 45212	Bushing, sector shaft	1	FJ28, FJ28L
	2BJ 45201	Box complete, steering gear (include illustrations—D, E of Fig.—49)	1	FJ28
	RKL 45201	Box complete, steering gear	1	FJ28L
E	2BJ 45211	Box, steering gear	1	FJ28
	RKL 45211	Box, steering gear	1	FJ28L
F	RS 45245	Plug, steering gear box oil	1	FJ28, FJ28L
G	TNN 0806	Nut	1	
H	SWH 08	Washer, spring	9	
I	4535	Clamp, mast jacket lower	1	FJ28, FJ28L
J	TBN 0850	Bolt	1	
K	BJ25 53152	Cover gum, mast jacket hole	1	FJ28, FJ28L
L	BJ25 53151	Plate, mast jacket hole cover gum set	1	FJ28, FJ28L
M	45112	Cushion gum, mast jacket horn wire	1	FJ28, FJ28L
N	PWL 2006Z	Washer, plate	3	
O	SWL 06Z	Washer, spring	3	
P	JBN 0620Z	Bolt	3	
Q	TNN 0806Z	Nut	4	
R	SWL 08Z	Washer, spring	4	
S	TBN 0815Z	Bolt	2	
T	BJ25 53371	Bracket, mast jacket	1	FJ28
	BJ25L53371	Bracket, mast jacket	1	FJ28L
U	2BJ 45271	Jacket, steering mast	1	FJ28, FJ28L
V	PWL 2508Z	Washer, plate	4	
W	BJ255 3372	Clamp, mast jacket upper	1	FJ28, FJ28L
X	BJ 53373	Clamp gum, mast jacket	1	FJ28, FJ28L

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ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
(FIG.49)				
Y	BJ 45270	Bushing assembly, mast jacket	1	FJ28. FJ28L
Z	BJ25 53373	Clamp, mast jacket lower	1	FJ28. FJ28L
AA	TBN 0820Z	Bolt	2	
AB	1424	Key, crankshaft & camshaft	1	FJ28. FJ28L
AC	SWT 4013	Washer, spring	1	
AD	LNN 1308	Nut	1	
AE	BJ25 45110	Wheel assembly, steering (include illustrations—AF~AJ of Fig—49)	1	FJ28. FJ28L
AF	BM 45133	Spring, horn button	1	FJ28. FJ28L
AG	BM 45105	Wire complete, steering needle	1	FJ28. FJ28L
AH	BM 45136	Packing, horn button stop	1	FJ28. FJ28L
AI	BJ25 45131	Button, horn	1	FJ28. FJ28L
AJ	BJ25 45135	Stop, horn button	1	FJ28. FJ28L
AK	JNN 1913	Nut	1	
AL	SWH 19	Washer, spring	1	
AM	RKL 45412	Cap, steering gear box bracket	1	FJ28. FJ28L
	2BJ 45401	Bracket complete, steering gear box (include illustrations—A, B, AM, AN of Fig.—49)	1	FJ28. FJ28L
AN	2BJ 45411	Bracket, steering gear box	1	FJ28. FJ28L
AO	TBN 0820	Bolt	8	
AP	RS 45231	Cap, steering worm bearing	1	FJ28. FJ28L
AQ	RS 45232	Packing, steering worm bearing cap No.1 ($t=0.5$)	some	FJ28. FJ28L
	RS 45233	Packing, steering worm bearing cap No.2 ($t=0.2$)	some	FJ28. FJ28L
AR	KB 4507 ₃	Shim, steering worm front bearing adjust (0~1 ea. of $t=0.5$ and some of $t=0.1$ & 0.2)	some	FJ28. FJ28L
AS	RKL 45245	Shim, steering sector adjusting No.1 ($t=2.3$)	0~2	FJ28. FJ28L
	RKL 45246	Shim, steering sector adjusting No.2 ($t=0.6$)	0~2	FJ28. FJ28L
	RKL 45247	Shim, steering sector adjusting No.3 ($t=0.31$)	0~2	FJ28. FJ28L
AT	RKL 45244	Plate, steering sector adjusting	1	FJ28. FJ28L
AU	RS 45174	Shaft, steering sector roller	1	FJ28. FJ28L
AV	BM 45217	Shim, steering sector roller adjusting	2	FJ28. FJ28L
AW	RS 45173	Race, sector roller ball bearing inner	2	FJ28. FJ28L
AX	KB 45215	Ball, steering sector roller	20	FJ28. FJ28L
	RS 45102	Roller complete, steering sector (include illustrations—AW~AY of Fig—49)	1	FJ28. FJ28L
AY	RS 45172	Roller, steering sector	1	FJ28. FJ28L
AZ	LNN 0805	Nut	1	
	2BJ 45170	Shaft assembly, steering sector (include illustrations—AU~BA of Fig.—49)	1	FJ28
	RKL 45170	Shaft assembly, steering sector	1	FJ28L
BA	2BJ 45172	Shaft, steering sector	1	FJ28
	RKL 45171	Shaft, steering sector	1	FJ28L
BB	RKL 45242	Bushing, sector shaft end cover	1	FJ28. FJ28L
BC	RS 45223	Packing, steering gear box	1	FJ28. FJ28L

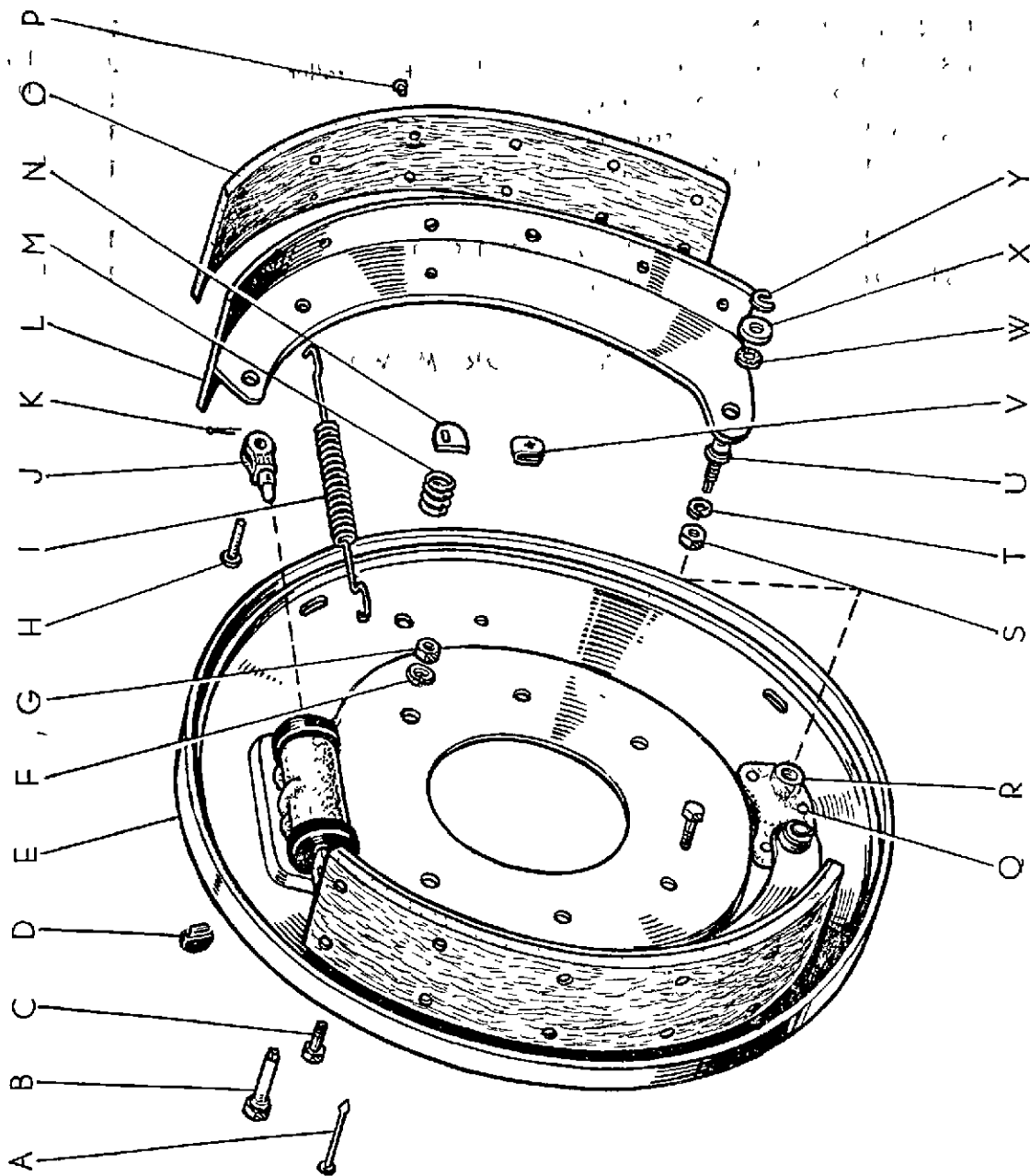
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ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
(FIG.49)	RKL 45202	Cover complete, sector shaft end (include illustrations—BB, BD of Fig.—49)	1	FJ28. FJ28L
BD	RKL 45241	Cover, sector shaft end	1	FJ28. FJ28L
BE	RKL 45243	Screw, steering sector thrust	1	FJ28. FJ28L
BF	LNN 1405T	Nut	1	
BG	KB 4052	Bearing, steering worm front taper roller	2	FJ28. FJ28L
BH	2BJ 45152	Worm, steering	1	FJ28
	RS 45152	Worm, steering	1	FJ28L
	2BJ 45101	Shaft complete, steering main (include illustrations—BH, BI of Fig —49)	1	FJ28
	BJ25L45101	Shaft complete, steering main	1	FJ28L
BI	2BJ 45171	Shaft, steering main	1	FJ28. FJ28L

SPACE FOR MEMO

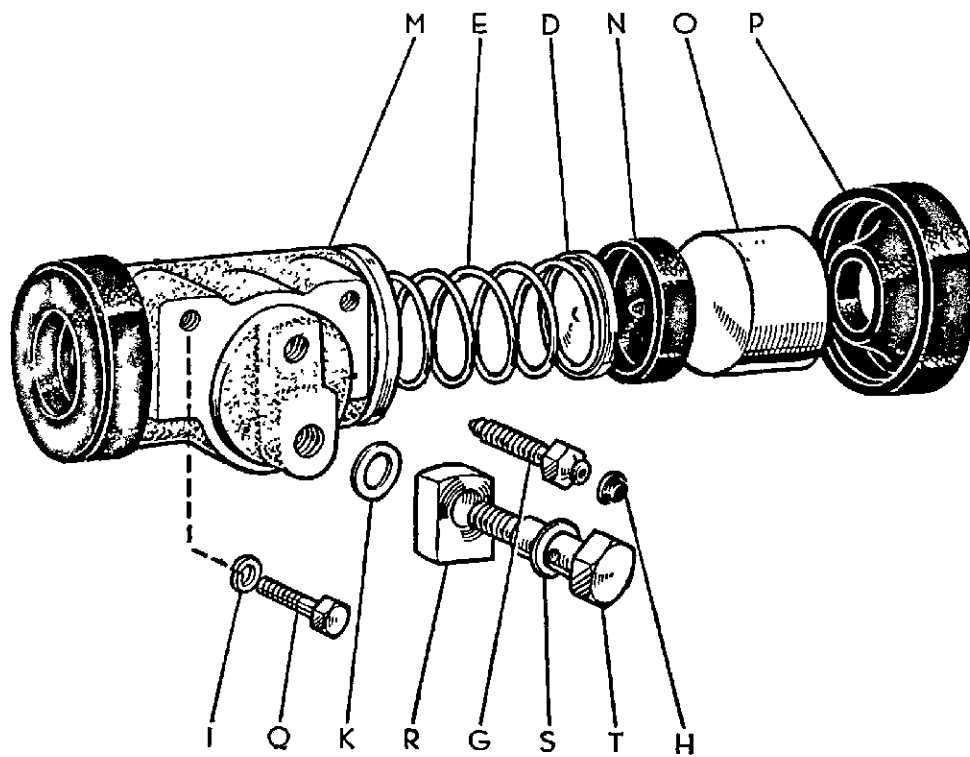
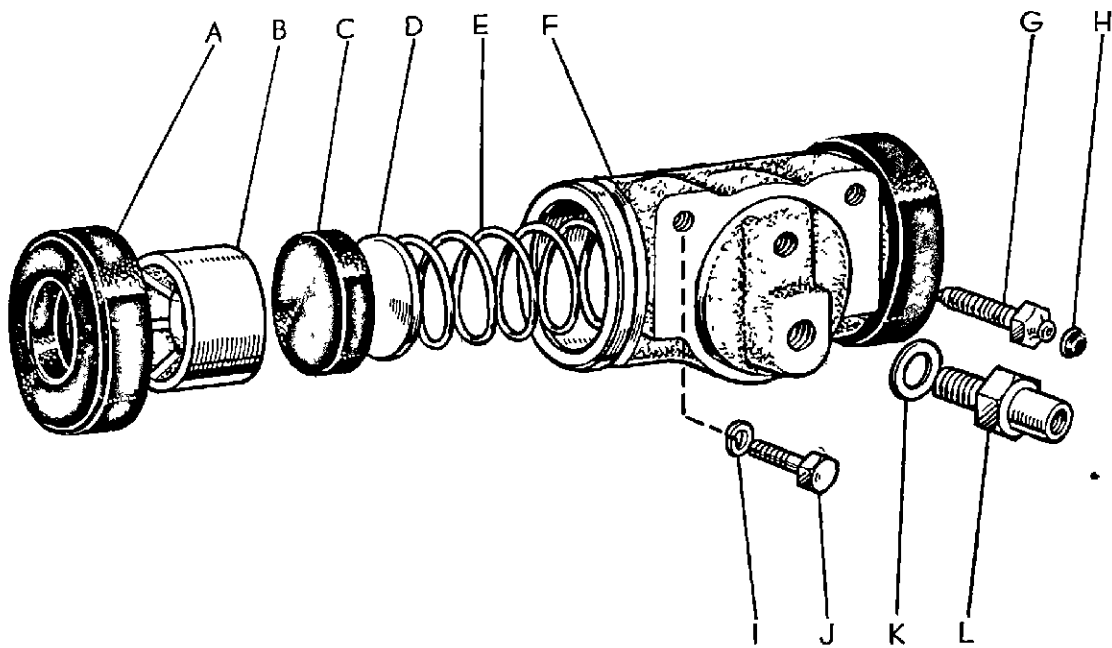
FIG.—50 FLANGE PLATE & BRAKE SHOE.



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ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
FLANGE PLATE & BRAKE SHOE				
(FIG 50)				
	2BJ 47010	Flange assembly, front brake (includes illustrations—A, B, D, E, H~Y of Fig—50 and illustrations—A~L of Fig—51)	2	FJ28. FJ28L
	RK21 47020	Flange assembly, rear brake (includes illustrations—A, B, D, E, H~Y of Fig—50 and illustrations—D, E, H, I, K, M~T of Fig—51)	2	FJ28. FJ28L
A	SB 47317	Pin, brake shoe rear shock stop	8	FJ28. FJ28L
B	SB 47313	Shaft, brake shoe adjusting cam	8	FJ28. FJ28L
C	TBK 0830T	Bolt (Front)	16	
	TBK 1023TZ	Bolt (Rear)	12	
D	RK21 47313	Cover, slot hole	16	FJ28. FJ28L
	2BJ 47301	Flange complete, front brake (include illustrations—B, E, M, N, Q, R of Fig—50)	2	FJ28. FJ28L
	RK21 47401	Flange complete, rear brake	2	FJ28. FJ28L
E	2BJ 47302	Flange sub complete, front brake	2	FJ28. FJ28L
	RK21 47402	Flange sub complete, rear brake	2	FJ28. FJ28L
F	SWH 08	Washer, spring (Front)	16	
	SWH 10	Washer, spring (Rear)	12	
G	TNN 1008Z	Nut (Rear only)	12	
H	44104	Pin, wheel cylinder rod	8	FJ28. FJ28L
I	SB 47319	Spring, brake counter	4	FJ28. FJ28L
J	44123	Rod, wheel cylinder	8	FJ28. FJ28L
K	WP 1620	Pin, cotter	8	
	SB 47350	Shoe assembly, brake (include illustrations—L, O, P of Fig—50)	8	FJ28. FJ28L
L	SB 47302	Shoe complete, brake	8	FJ28. FJ28L
M	SB 47314	Spring, brake shoe adjusting cam	8	FJ28. FJ28L
N	SB 47316	Cam, brake shoe adjusting RH	4	FJ28. FJ28L
	SB 47315	Cam, brake shoe adjusting LH	4	FJ28. FJ28L
O	4492	Lining, brake	8	FJ28. FJ28L
P	SB 47392	Rivet, brake shoe lining	96	FJ28. FJ28L
Q	MR 0825	Rivet	12	
R	44216	Bearing, brake shoe adjusting pin	4	FJ28. FJ28L
S	TNN 1411	Nut	8	
T	SWH 14	Washer, spring	8	
U	44365	Pin, brake shoe adjusting	8	FJ28. FJ28L
V	RK 47391	Supporter, brake shoe	8	FJ28. FJ28L
W	44218	Pin felt, brake shoe adjusting	8	FJ28. FJ28L
X	44217	Retainer, brake shoe adjusting pin felt	8	FJ28. FJ28L
Y	44219	"C" Washer, brake shoe	8	FJ28. FJ28L

FIG.—51 WHEEL CYLINDER



ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
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WHEEL CYLINDER

(FIG.51)

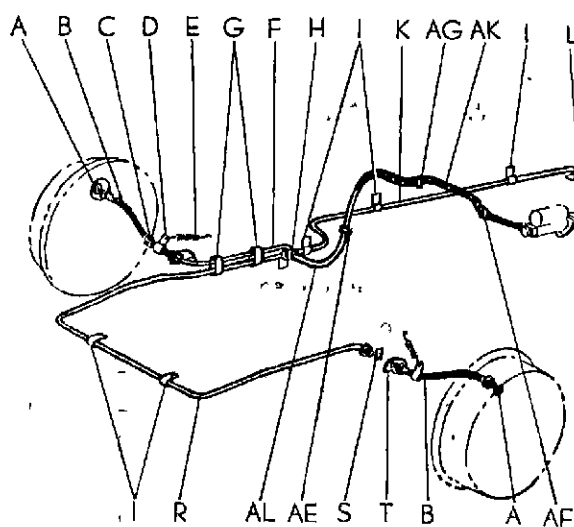
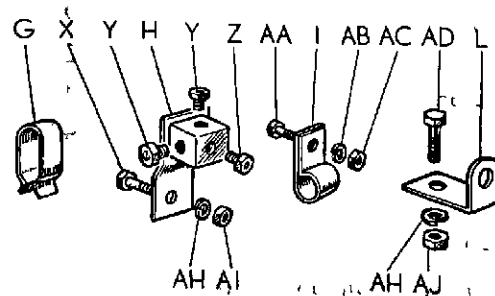
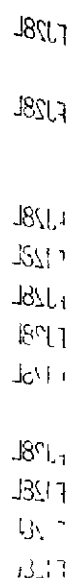
	BJ	47500A	Cylinder assembly, front wheel (include illustrations—A~H, K, L of Fig—51)	2	FJ28. FJ28L
	RK	47580	Cylinder assembly, rear wheel (include illustrations—D, E, G, H, K, M~P, R~T of Fig.—51)	2	FJ28. FJ28L
A		44347-5	Cover, wheel cylinder	4	FJ28. FJ28L
B		44347-2	Piston, wheel cylinder	4	FJ28. FJ28L
C	RK	47572	Cup, wheel cylinder piston	4	FJ28. FJ28L
D	RK	47575	Seat, rear wheel cylinder spring	8	FJ28. FJ28L
	RK	47502	Spring complete, rear wheel cylinder (include illustrations—D, E of Fig—51)	4	FJ28. FJ28L
E		44347-4	Spring, wheel cylinder	4	FJ28. FJ28L
F		44347-1	Cylinder, wheel (Front)	2	FJ28. FJ28L
G	RK	47584	Plug, wheel cylinder bleeder	4	FJ28. FJ28L
H	RS	31491	Cap, bleeder plug rubber	4	FJ28. FJ28L
I	SWH	08	Washer, spring	8	
J	JBN	0815	Bolt	4	
K		44323-19	Packing, seat	4	FJ28. FJ28L
L	SB	47558	Joint, front wheel cylinder	2	FJ28. FJ28L
M	RK	47581	Cylinder, wheel (Rear)	2	FJ28. FJ28L
N	RS	47557	Cup, wheel cylinder piston	4	FJ28. FJ28L
O	RK	47582	Piston, wheel cylinder	4	FJ28. FJ28L
P	RK	47583	Cover, wheel cylinder	4	FJ28. FJ28L
Q	TBN	0812T	Bolt	4	
R		44324-9	Union, rear wheel cylinder	2	FJ28. FJ28L
S		44324-10	Packing, rear wheel cylinder union bolt seat	2	FJ28. FJ28L
T	KB	4446	Bolt, master cylinder union	2	FJ28. FJ28L

OIL BRAKE PIPE & CLAMP

(FIG.52)

	RS	31488	Packing, union	2	FJ28. FJ28L
A	SKB	47203	Hose, rear oil brake flexible	3	FJ28. FJ28L
B	BJ	47223	Bushing, front brake flexible hose tension spring	2	FJ28. FJ28L
C	BJ	47222	Clamp, front brake flexible hose tension		
D			spring lower	2	FJ28. FJ28L
	BJ	47219	Spring, front brake flexible hose tension	2	FJ28. FJ28L
E	2BJ	47205	Pipe complete, oil brake front RH (include illustrations—F, Y of Fig.—52)	1	FJ28. FJ28L
				1	FJ28. FJ28L
F	2BJ	47212	Pipe, oil brake front RH	2	FJ28. FJ28L
G	2BJ	47283	Clip, brake pipe	2	FJ28. FJ28L

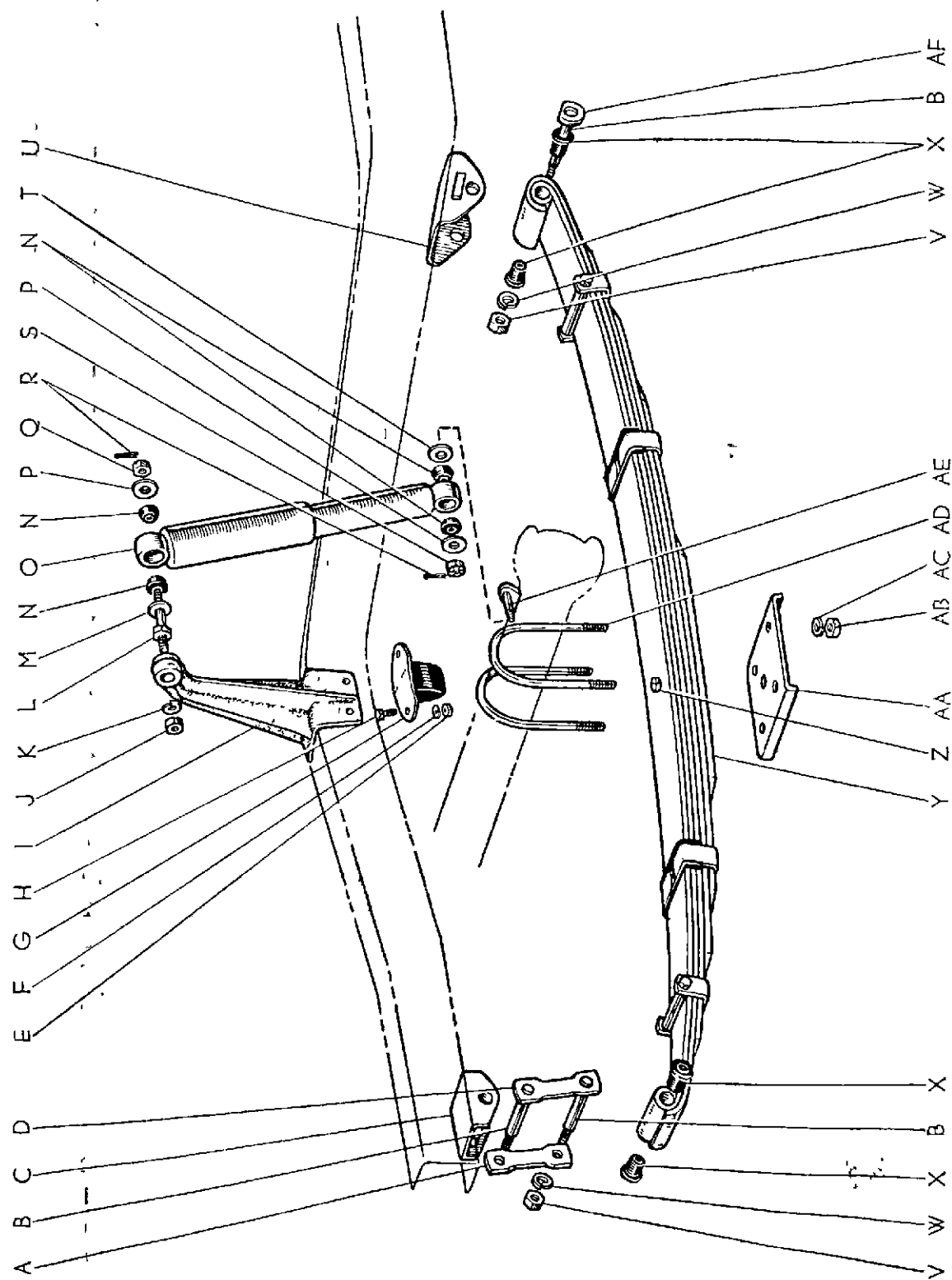
FIG.—52



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ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
(FIG.52)				
H	44352	"4" Way, oil brake	1	FJ28. FJ28L
I	2BH 47283	Clamp, pipe No.3	5	FJ28. FJ28L
	2BJ 47204	Pipe complete, oil brake main (include illustrations—J, Z of Fig—52)	1	FJ28
J	2BJ 47211	Pipe, oil brake main	1	FJ28
	FJ24 47207	Pipe complete, oil brake intermediate (include illustrations—K, Y of Fig—52)	1	FJ28. FJ28L
K	FJ24 47214	Pipe, oil brake intermediate	1	FJ28. FJ28L
L	SKB 47281	Union set, brake hose	1	FJ28. FJ28L
	FJ24 47205	Pipe complete, oil brake rear RH (include illustrations—M, Y of Fig—52)	1	FJ28. FJ28L
M	FJ24 47215	Pipe, oil brake rear RH	1	FJ28. FJ28L
N	44354	"3" Way, oil brake	1	FJ28. FJ28L
	FJ24 47209	Pipe complete, oil brake rear LH (include illustrations—O, Y of Fig—52)	1	FJ28. FJ28L
O	FJ24 47219	Pipe, oil brake rear LH	2	FJ28. FJ28L
P	SKB 47287	Clamp, pipe No.4	1	FJ28. FJ28L
Q	SKB 47289	Clamp, pipe No.5	1	FJ28. FJ28L
	2BJ 47208	Pipe complete, oil brake front LH (include illustrations—R, Y of Fig—52)	1	FJ28. FJ28L
R	2BJ 47215	Pipe, oil brake front LH	3	FJ28. FJ28L
S	RS 31473	Clip, flexible hose	1	FJ28. FJ28L
T	2BJ 47282	Plate, front flexible hose set LH	1	FJ28. FJ28L
	2BJ 47281	Plate, front flexible hose set RH	2	
U	JNT 0303	Nut	2	
V	SWH 03	Washer, spring	2	
W	MBN 0308	Bolt	1	
X	JBN 0815	Bolt	10	FJ28. FJ28L
Y	44356	Nut, oil brake pipe union (6.5mm)	2	FJ28. FJ28L
Z	44355	Nut, oil brake pipe union (8mm)	5	
AA	JBN 0612	Bolt	5	
AB	SWH 06	Washer, spring	5	
AC	JNN 0605	Nut	1	
AD	TBN 0815	Bolt	1	FJ28L
AE	BJ25L47283	Clamp, pipe No.2	1	FJ28L
AF	BJ25L47282	Clamp, pipe No.1 LH	1	FJ28L
AG	BJ25L47281	Clamp, pipe No.1 RH	2	
AH	SWH 08	Washer, spring	1	
AI	JNN 0806	Nut	1	
AJ	TNN 0806	Nut	1	FJ28L
AK	BJ25L47212	Room, oil brake pipe main	1	FJ28L
	BJ25L47204	Pipe complete, oil brake main (include illustrations—Z, AK, AL of Fig—52)	1	
AL	BJ25L47211	Pipe, oil brake main	1	FJ28L

FIG.—53 FRONT SPRING & SHOCK ABSORBER



ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
FRONT SPRING & SHOCK ABSORBER				
(FIG.53)				
A	RS 48331	Shackle, rear spring	2	FJ28. FJ28L
B	2BJ 48311	Pin, hanger & shackle	6	FJ28. FJ28L
C	2BJ 51301	Hanger complete, front & rear spring	2	FJ28. FJ28L
	2BJ 48304	Shackle complete, spring (include illustrations—B, D of Fig—53)	2	FJ28. FJ28L
D	RS 48332	Plate, rear spring shackle	2	FJ28. FJ28L
E	TNN 0806	Nut	4	
F	SWH 08	Washer, spring	4	
G	RS 48505	Cushion gum complete, rear	2	FJ28. FJ28L
H	TBN 0825	Bolt	4	
I	2BJ 48532	Bracket, front shock absorber upper LH	1	FJ28. FJ28L
	2BJ 48531	Bracket, front shock absorber upper RH	1	FJ28. FJ28L
J	TNN 1613	Nut	2	
K	SWH 16	Washer, spring	2	
L	2BJ 48523	Pin, rear shock absorber lower pivot	2	FJ28. FJ28L
M	KB 4125	Washer, engine rear support bolt	2	FJ28. FJ28L
N	SA 48586	Bushing, shock absorber pivot pin	8	FJ28. FJ28L
O	2BJ 48530	Absorber assembly, front shock	2	FJ28. FJ28L
P	RS 48571	Washer, shock absorber pivot pin outer	4	FJ28. FJ28L
Q	CNN 1311	Nut	2	
R	WP 3025	Pin, cotter	4	
S	CNN 1212	Nut	2	
T	RS 48572	Washer, shock absorber pivot pin inner	2	FJ28. FJ28L
U	2BJ 51302	Hanger complete, front spring rear	2	FJ28. FJ28L
V	TNN 1008	Nut	6	
W	SWH 10	Washer, spring	6	
X	2BJ 48261	Bushing, spring eye	12	FJ28. FJ28L
Y	2BJ 48103	Spring complete, front (include illustration—Z of Fig.—53)	2	FJ28. FJ28L
	2BJ 48115	Leaf, front spring No.1	2	FJ28. FJ28L
	2BJ 48116	Leaf, front spring No.2	2	FJ28. FJ28L
	2BJ 48117	Leaf, front spring No.3	2	FJ28. FJ28L
	2BJ 48118	Leaf, front spring No.4	2	FJ28. FJ28L
	2BJ 48119	Leaf, front spring No.5	2	FJ28. FJ28L
	2BJ 48121	Leaf, front spring No.6	2	FJ28. FJ28L
Z	2BJ 48122	Bolt, center (With nut)	2	FJ28. FJ28L
AA	2BJ 48374	Seat, rear spring "U" bolt	2	FJ28. FJ28L
AB	TNN 1311	Nut	8	
AC	SWH 13	Washer, spring	8	
AD	FJ24 48363	"U" Bolt, front spring	3	FJ28. FJ28L
	2BJ 48363	"U" Bolt, front spring	1	FJ28. FJ28L

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ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
(FIG.53)				
AE	2BJ 48504	Bracket, complete, front shock absorber lower LH	1	FJ28, FJ28L
	2BJ 48503	Bracket complete, front shock absorber lower RH	1	FJ28, FJ28L
	2BJ 48303	Pin complete, hanger (include illustrations—B, AF of Fig.—53)	2	FJ28, FJ28L
AF	RR 48312	End, rear spring front hanger spring support	2	FJ28, FJ28L

REAR SPRING & SHOCK ABSORBER

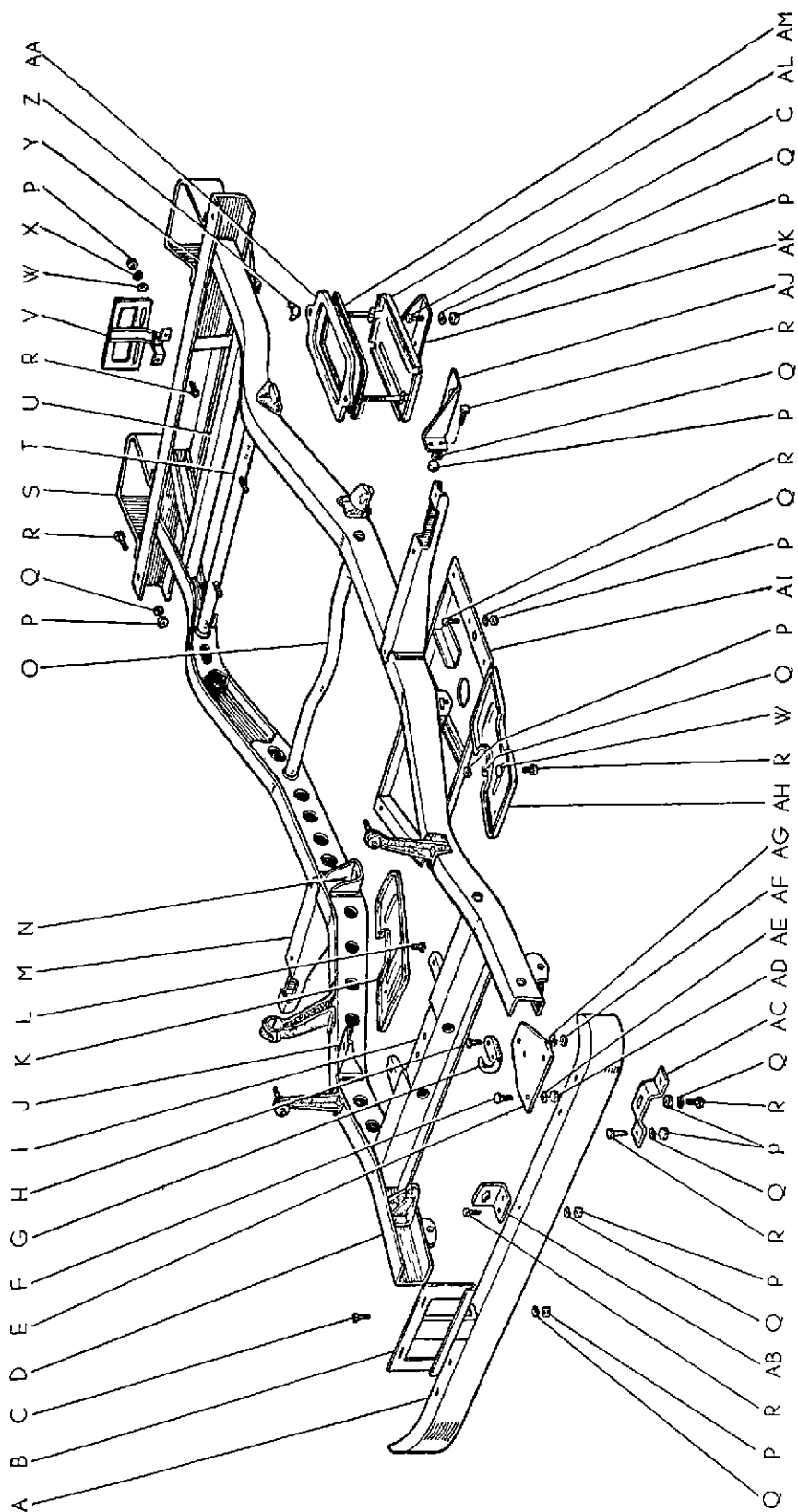
(FIG.54)				
A	RK21 51372	Hanger, rear spring front LH	1	FJ28, FJ28L
	RK21 51371	Hanger, rear spring front RH	1	FJ28, FJ28L
B	WP 3025	Pin, cotter	4	
C	CNN 1212	Nut	4	
D	PWL 5016	Washer, plate	4	
E	SA 48586	Bushing, shock absorber pivot	8	FJ28, FJ28L
F	RR16 48530	Absorber assembly, rear shock	2	FJ28, FJ28L
G	RS 48572	Washer, shock absorber pivot pin inner	4	FJ28, FJ28L
H	RS 48573	Pin, rear shock absorber upper pivot	2	FJ28, FJ28L
I	2BJ 48301	Cushion gum complete	2	FJ28, FJ28L
J	FJ24 51376	Stopper, rear spring cushion LH	1	FJ28, FJ28L
	FJ24 51375	Stopper, rear spring cushion RH	1	FJ28, FJ28L
K	FJ24 48361	"U" Bolt, rear spring	4	FJ28, FJ28L
L	RK21 48261	Bushing, spring eye	12	FJ28, FJ28L
M	TNN 1613	Nut	6	
N	SWH 16	Washer, spring	6	
O	RK21 48331	Shackle, spring	2	FJ28, FJ28L
P	RK21 51373	Hanger, rear spring rear	2	FJ28, FJ28L
Q	RK21 48311	Pin, hanger & shackle	6	FJ28, FJ28L
	RK21 48301	Shackle complete, spring (include illustrations—Q, R of Fig.—54)	2	FJ28, FJ28L
R	RK21 48332	Plate, spring shackle	2	FJ28, FJ28L
	RK21 48302	Pin complete, hanger (include illustrations—Q, S of Fig.—54)	2	FJ28, FJ28L
S	RK21 48312	End, hanger pin support	2	FJ28, FJ28L
T	TNN 1008	Nut	10	
U	RK21 48225	Piece, rear spring clamp distance	8	FJ28, FJ28L
V	FJ24 48223	Clamp, rear spring No.2	4	FJ28, FJ28L
W	TBN 1093	Bolt	8	
X	FJ24 48201	Spring complete, rear (include illustrations—T~Y, AC of Fig.—54)	2	FJ28, FJ28L
	FJ24 48211	Leaf, rear spring main No.1	2	FJ28, FJ28L
	FJ24 48212	Leaf, rear spring main No.2	2	FJ28, FJ28L
	FJ24 48213	Leaf, rear spring main No.3	2	FJ28, FJ28L

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ILLUS- TRATION	PART NO.	NOMENCLATURE	P E R UNIT	MODEL
(FIG.54)				
	FJ24 48214	Leaf, rear spring main No 4	2	FJ28. FJ28L
	FJ24 48215	Leaf, rear spring main No 5	2	FJ28. FJ28L
	FJ24 48216	Leaf, rear spring main No 6	2	FJ28. FJ28L
	FJ24 48217	Leaf, rear spring helper No.1	2	FJ28. FJ28L
	FJ24 48218	Leaf, rear spring helper No.2	2	FJ28. FJ28L
	FJ24 48219	Leaf, rear spring helper No.3	2	FJ28. FJ28L
Y	FJ24 48221	Bolt, rear spring center	2	FJ28. FJ28L
Z	FJ24 48504	Seat complete, rear spring "U" bolt LH	1	FJ28. FJ28L
	FJ24 48503	Seat complete, rear spring "U" bolt RH	1	FJ28. FJ28L
AA	TNN 1311	Nut	8	
AB	SWH 13	Washer, spring	8	
AC	FJ24 48222	Clamp, rear spring No 1	4	FJ28. FJ28L

SPACE FOR MEMO

FIG.—55 FRAME & BUMPER



LAND CRUISER

ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
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FRAME BUMPER

(FIG.55)

	FJ28 51100	Frame assembly (includes illustration—B of Fig.—47 and illustrations—A, B, AM, AN of Fig.—49 and illustrations—C, I, U of Fig.—53 and illustrations—A, H, J, P of Fig.—54 and illustrations—A, D~J, M~U, Y, AB~AG of Fig.—55)	1	FJ28
	FJ28L51100	Frame assembly	1	FJ28L
A	BJ20 51311	Bumper, front	1	FJ28. FJ28L
B	BJ20 51402	Bracket complete, front number	1	FJ28. FJ28L
C	TBN 0815	Bolt	6	
D	BJ28 51101	Frame complete (include illustrations—I, J, M~O, T, U, Y of Fig.—55)	1	FJ28
	FJ28L51101	Frame complete	1	FJ28L
E	BJ28 51312	Gusset, front bumper	2	FJ28. FJ28L
F	BJ20 51313	Bolt, bumper set	4	FJ28. FJ28L
G	SB 51127	Hook	2	FJ28. FJ28L
H	TBK 1245	Bolt	4	
I	BJ20 51102	Member complete, No.1 cross	1	FJ28. FJ28L
J	BJ20 51211	Bracket, engine front support RH	1	FJ28. FJ28L
	BJ20 51212	Bracket, engine front support LH	1	FJ28. FJ28L
K	BJ20 51331	Cover, engine room under RH	1	FJ28. FJ28L
L	TBN 0825	Bolt	1	
M	BJ20 51303	Bracket complete, cowl mounting	2	FJ28. FJ28L
N	BJ20 51213	Bracket, engine rear support RH	1	FJ28. FJ28L
	BJ20 51214	Bracket, engine rear support LH	1	FJ28. FJ28L
O	BJ20 51123	Member, No.2 cross	1	FJ28. FJ28L
P	TNN 0806	Nut	40	
Q	SWH 08	Washer, spring	38	
R	TBN 0820	Bolt	33	
S	BJ20 51315	Bumper, rear RH	1	FJ28. FJ28L
	BJ20 51316	Bumper, rear LH	1	FJ28. FJ28L
T	FH24 51105	Member complete, rear shock absorber upper support (include illustration—H of Fig.—54)	1	FJ28. FJ28L
U	FJ24 51124	Member, No.3 cross	1	FJ28. FJ28L
V	FJ25 61401	Bracket complete, rear number	1	FJ28. FJ28L
W	PWL 2508	Washer, plate	7	
	PWH 2508	Washer, plate	1	
X	SWL 08	Washer, spring	2	
Y	BJ28 51125	Member, No.4 cross	1	FJ28. FJ28L
Z	BJ 66753	Nut, wing	2	FJ28. FJ28L
AA	FJ24 51361	Plate, battery set	1	FJ28. FJ28L
AB	BJ20 51215	Guide, starting handle front	1	FJ28. FJ28L

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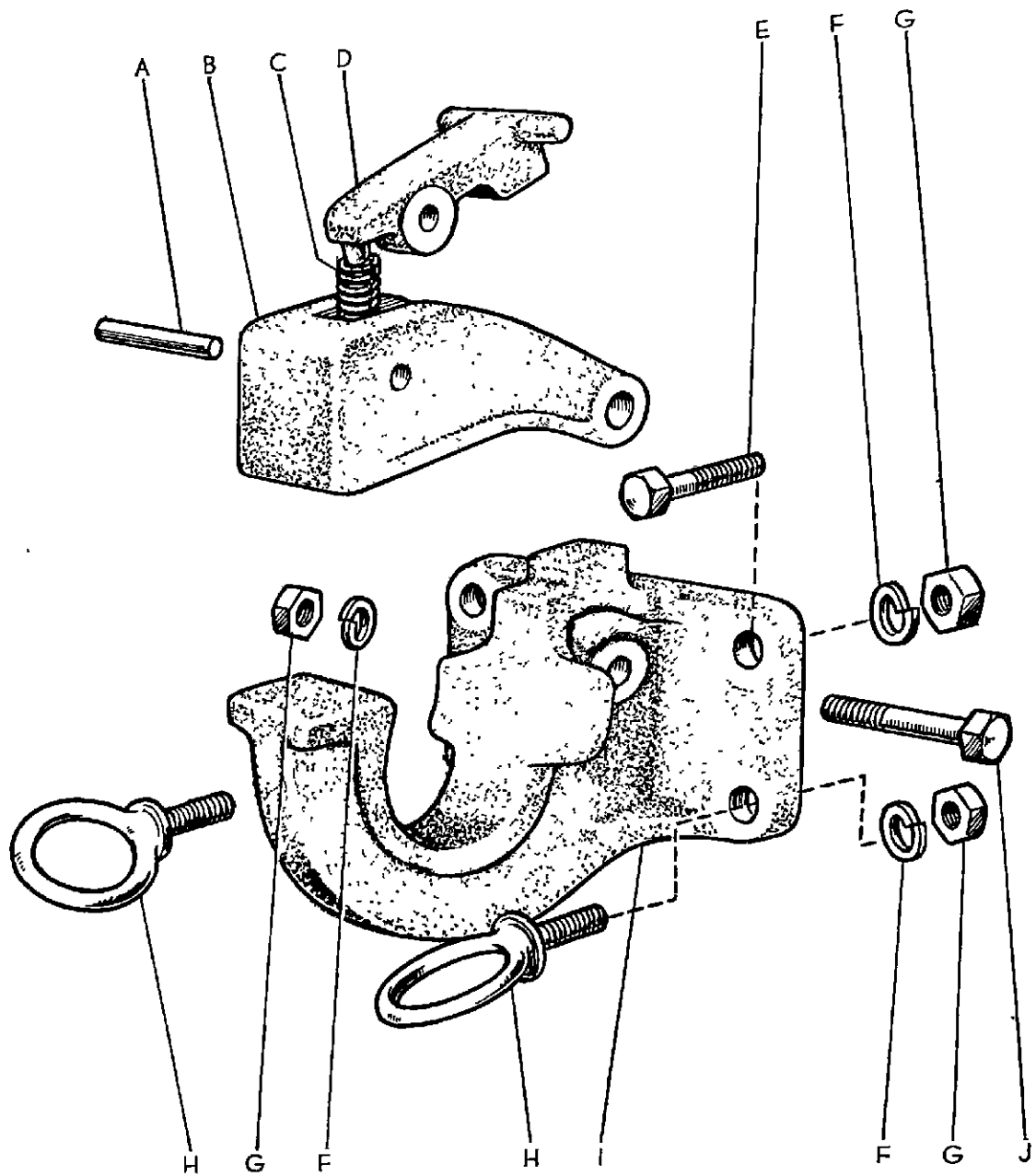
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ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
(FIG.55)				
AC	BJ 51313	Stay, front bumper under	2	FJ28. FJ28L
AD	TNN 1008	Nut	4	
AE	SWH 10	Washer, spring	4	
AF	TNN 1210	Nut	4	
AG	SWH 12	Washer, spring	4	
AH	BJ25L51332	Cover, engine room under LH	1	FJ28. FJ28L
AI	BJ20 51304	Cover complete, transmission under	1	FJ28. FJ28L
AJ	BJ20 51351	Hanger, battery bracket front	1	FJ28. FJ28L
AK	BJ20 51352	Hanger, battery bracket rear	1	FJ28. FJ28L
AL	FJ24 51306	Bracket complete, battery	1	FJ28. FJ28L
AM	FJ24 51362	Packing, battery set plate	1	FJ28. FJ28L

PINTLE HOOK

(FIG 56)				
	BJ 51900	Hook assembly, pintle (include illustrations—A~D, F, G, I, J of Fig —56)	1	FJ28. FJ28L
A	BJ 51916	Pin, pintle hook	1	FJ28. FJ28L
B	BJ 51912	Lock, pintle hook	1	FJ28. FJ28L
C	BJ 51914	Spring, pintle hook	1	FJ28. FJ28L
D	BJ 51913	Latch, pintle hook	1	FJ28. FJ28L
E	TBN 1240	Bolt	2	
F	SWH 12	Washer, spring	5	
G	TNN 1210	Nut	5	
H	BJ 51915	Eyelet, pintle hook	2	FJ28. FJ28L
I	BJ 51911	Body, pintle hook	1	FJ28. FJ28L
J	TBK 1250	Bolt	1	

FIG.—56 PINTLE HOOK



CHASSIS GROUP

SHEET METAL GROUP

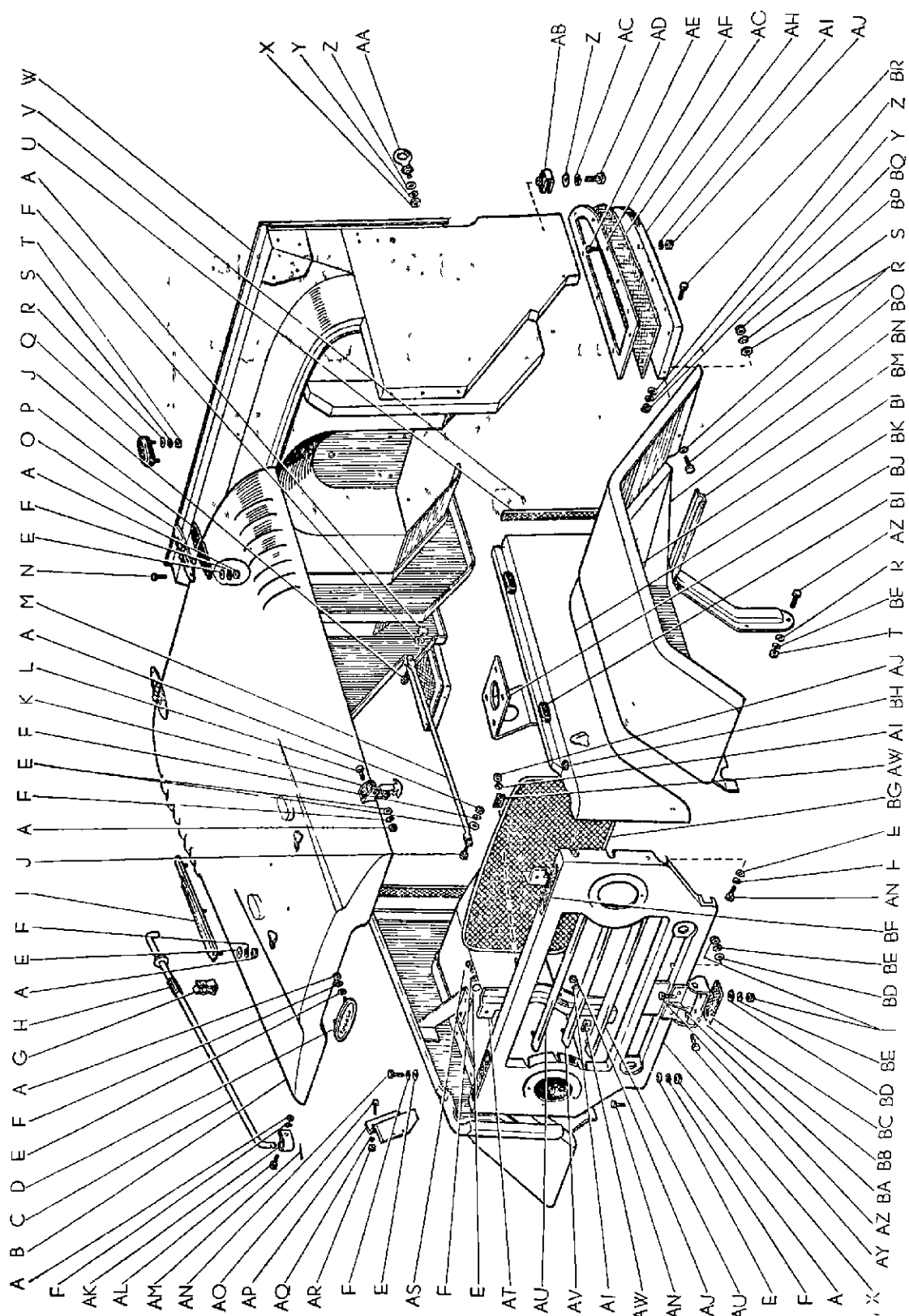
INSTRUMENT GROUP

ELECTRICAL GROUP

B O D Y GROUP

FIG. 2A SHEET METAL GROUP

FIG.—57 SHEET METAL & MARK



ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
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SHEET METAL & MARK

BONNET COVER & CATCH,
RADIATOR COVER & COWL,
FRONT FENDER & STEP

(FIG 57)

A	JNT 0605 BJ25 52210	Nut Cover assembly, bonnet (include illustrations—A, B, D~F, I, K, L, N~T of Fig — 57)	33 1	FJ28. FJ28L
B	BJ25 52201	Cover complete, bonnet	1	FJ28. FJ28L
C	BJ25 52204	Stay complete, bonnet	1	FJ28. FJ28L
D	BJ25 59102	Mark complete, top	1	FJ28. FJ28L
E	PWL 2006Z	Washer, plate	43	
F	SWL 06Z	Washer, spring	49	
G	BJ25 52244	Catch, bonnet stay	1	FJ28. FJ28L
H	RK 52225	Cushion gum, bonnet stay	1	FJ28. FJ28L
I	BJ25 59103	Mascot complete	1	FJ28. FJ28L
J	JBN 0615	Bolt	2	
K	BJ25 52203 BJ25 52232 BJ 52203	Catch complete, bonnet cover Spring, bonnet cover catch stop Fastener complete, bonnet	2 2 2	FJ28. FJ28L FJ28. FJ28L FJ28. FJ28L
L	RS 81112	Screw, plus	8	FJ28. FJ28L
M	BJ25 51421	Rod, radiator brace	1	FJ28. FJ28L
N	BJ26 65446	Screw, bonnet hinge set	12	FJ28. FJ28L
O	BJ25 52205	Hinge complete, bonnet	2	FJ28. FJ28L
P	BJ25 52256	Seat gum, bonnet hinge	4	FJ28. FJ28L
Q	BJ 52251	Block, front window rest	2	FJ28. FJ28L
R	PWL 2508Z	Washer, plate	30	
S	SWL 08Z	Washer, spring	14	
T	TNN 0806Z	Nut	15	
U	BJ25 52156	Shim, food side panel cushion	2	FJ28. FJ28L
V	SB 25264	Pin, shroud ventilator packing	6	FJ28. FJ28L
W	BJ25 53110 BJ25L53110	Cowl assembly Cowl assembly	1 1	FJ28 FJ28L
X	JNN 1008Z	Nut	2	
Y	SWL 10Z	Washer, spring	4	
Z	PWL 0010Z	Washer, plate	6	
AA	BJ 68522	Bolt, safety strap ring	2	FJ28. FJ28L
AB	RS 61704	Shim complete, body mounting	2	FJ28. FJ28L
AC	SWH 10Z	Washer, spring	2	
AD	TBK 1045Z	Bolt	2	
AE	MBN 0515Z	Bolt	20	
AF	BJ25 52552 BJ25 52551	Retainer, step mat LH Retainer, step mat RH	1 1	FJ28. FJ28L FJ28. FJ28L

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ILLUS- TRATION	PART NO.	NOMENCLATURE	P E R UNIT	MODEL
(FIG 57)				
AG	BJ25 52554	Mat, step LH	1	FJ28. FJ28L
	BJ25 52553	Mat, step RH	1	FJ28. FJ28L
	BJ25 52560	Step assembly LH (include illustrations—AE~AJ of Fig —57)	1	FJ28. FJ28L
	BJ25 52550	Step assembly RH	1	FJ28. FJ28L
AH	BJ25 52506	Step complete LH	1	FJ28. FJ28L
	BJ25 52505	Step complete RH	1	FJ28. FJ28L
AI	SWL 05Z	Washer, spring	26	
AJ	JNT 0504	Nut	26	
AK	SG 52223	Bracket, bonnet stay	1	FJ28. FJ28L
AL	BJ25 52243	Bolt, bonnet stay	1	FJ28. FJ28L
AM	WP 2015	Pin, cotter	1	
AN	JBN 0615Z	Bolt	22	
AO	TBN 0815	Bolt	2	
AP	BJ27 58611	Bracket, horn	1	FJ28. FJ28L
AQ	SWH 08	Washer, spring	2	
AR	TNN 0806	Nut	2	
AS	JBN 0610Z	Bolt	4	
AT	BJ25 52125	Bracket, radiator grill net set	2	FJ28. FJ28L
AU	BJ25 52102	Bar complete, radiator grill	2	FJ28. FJ28L
AV	BJ25 52103	Bar complete, radiator grill center	1	FJ28. FJ28L
AW	BJ25 52126	Plate, radiator grill net set	8	FJ28. FJ28L
	BJ25 52110	Cover assembly, radiator (include illustrations—E, F, T, AI, AJ, AS~AY, BA, BB, BD, BE of Fig.—57)	1	FJ28. FJ28L
AX	BJ25 52101	Cover complete, radiator	1	FJ28. FJ28L
AY	TBK 0825Z	Bolt	9	
AZ	TBK 0830	Bolt	2	
BA	BJ25 52141	Hinge, radiator cover support	1	FJ28. FJ28L
BB	BJ25 52104	Bracket complete, radiator cover support hinge	1	FJ28. FJ28L
BC	BJ25 52145	Shim, radiator cover support hinge bracket	1	FJ28. FJ28L
BD	PWH 2508Z	Washer, plate	5	
BE	SWH 08Z	Washer, spring	11	
BF	BJ25 52127	Shim, radiator cover cushion	2	FJ28. FJ28L
BG	BJ25 52124	Net, radiator grill	1	FJ28. FJ28L
BH	GCG 0520	Cushion gum	2	FJ28. FJ28L
BI	BJ25 52157	Cushion, bonnet cover side	4	FJ28. FJ28L
BJ	BJ25 18311	Bracket, voltage regulator	1	FJ28. FJ28L
	BJ25 52160	Panel assembly, food side LH (include illustrations—U, V, BH~BK of Fig —57)	1	FJ28. FJ28L
	BJ25 52150	Panel assembly, food side RH	1	FJ28. FJ28L
BK	BJ25 52106	Panel complete, food side LH	1	FJ28. FJ28L
	BJ25 52105	Panel complete, food side RH	1	FJ28. FJ28L
	BJ25 52520	Fender assembly, front LH	1	FJ28

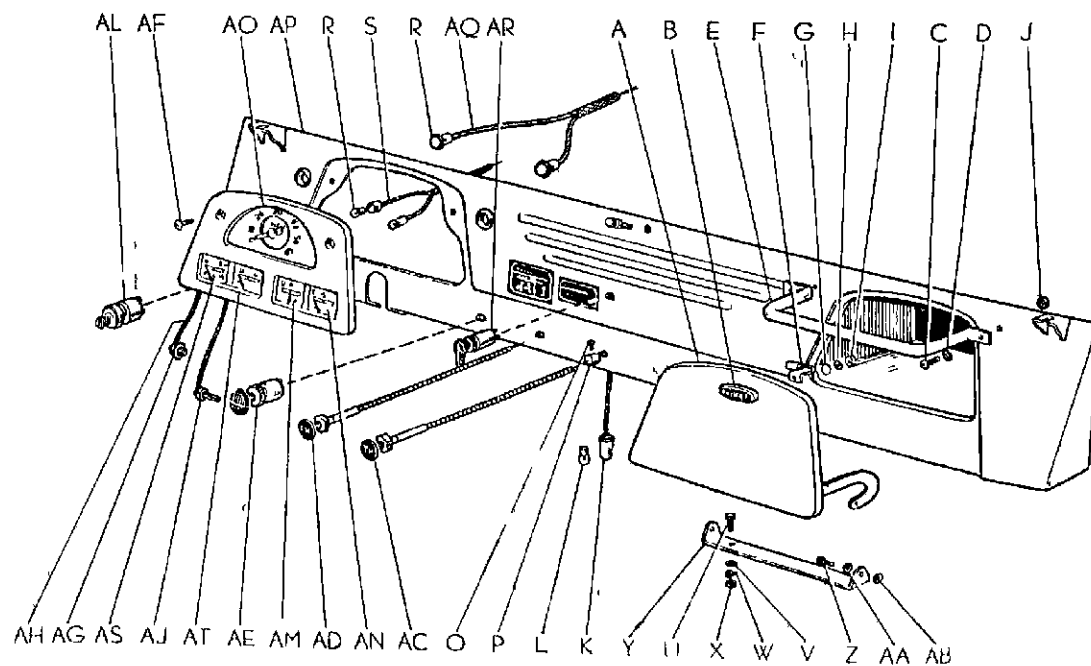
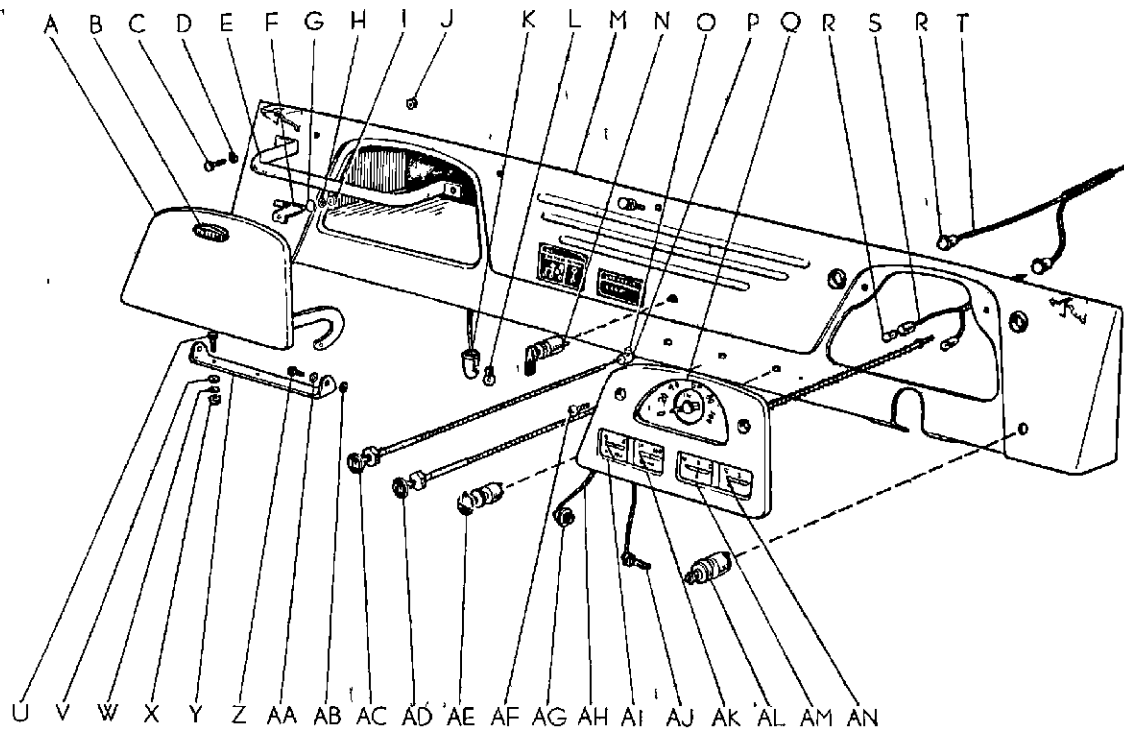
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ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
(FIG 57)				
	BJ25 52510	Fender assembly, front RH (include illustrations—BL~BN of Fig—57)	1	FJ28
	BJ25L52520	Fender assembly, front LH	1	FJ28L
	BJ25L52510	Fender assembly, front RH	1	FJ28L
BL	BJ25 52502	Fender complete, front LH	1	FJ28
	BJ25 52501	Fender complete, front RH	1	FJ28
	BJ25L52502	Fender complete, front LH	1	FJ28L
	BJ25L52501	Fender complete, front RH	1	FJ28L
BM	BJ25 52531	Stay, front fender	2	FJ28, FJ28L
BN	BJ25 52515	Apron, tire LH	1	FJ28
	BJ25 52503	Apron complete, tire RH	1	FJ28L
	BJ25L52503	Apron complete, tire LH	1	FJ28L
	BJ25L52513	Apron, tire RH	10	
BO	JBN 0815Z	Bolt	10	
BP	JNN 0806Z	Nut	2	
BQ	TNN 1008Z	Nut	2	FJ28, FJ28L
BR	BJ 52554	Bolt, step set		

INSTRUMENT PANEL,
METER & SWITCH

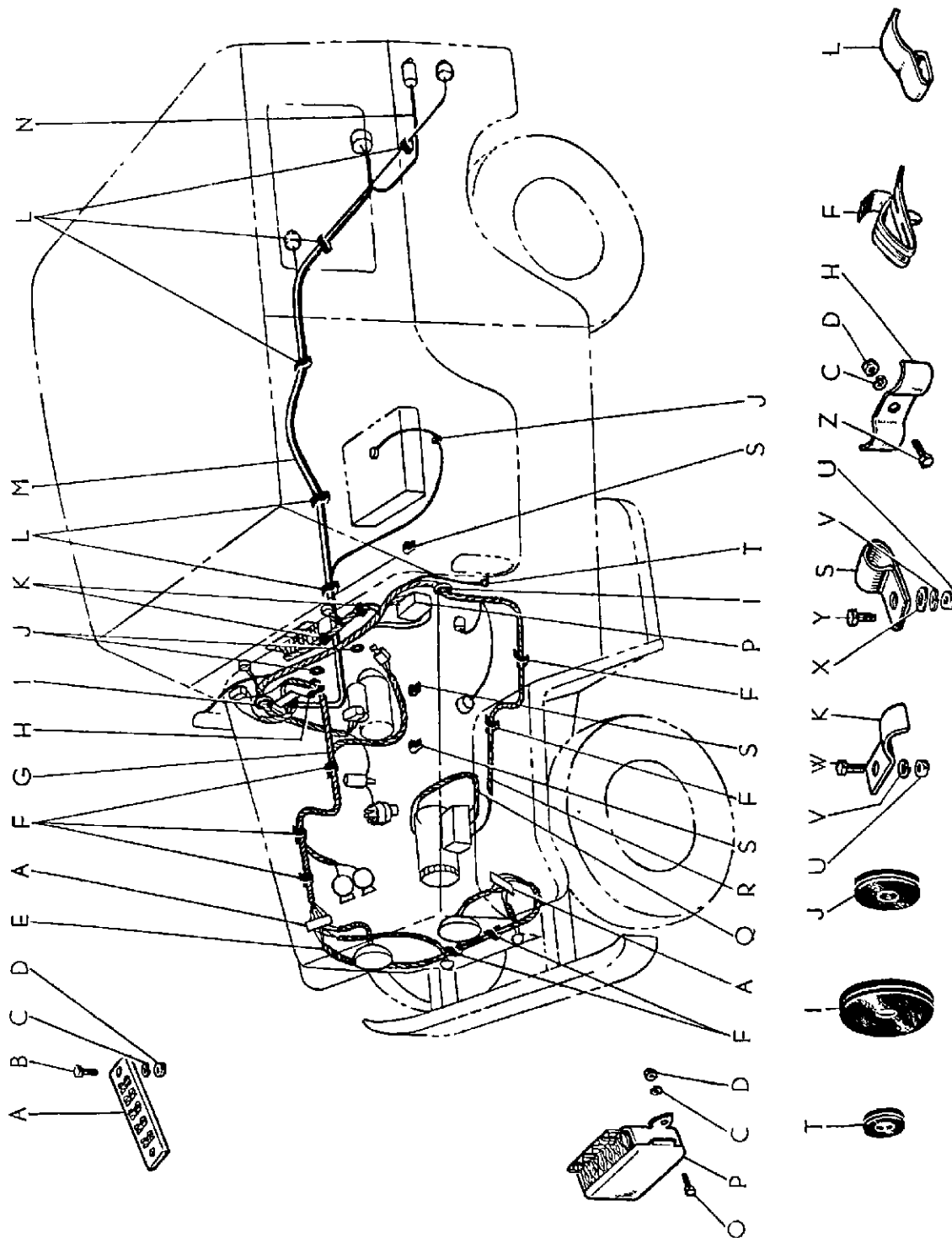
(FIG.58)				
A	BJ25 53302	Lid complete, instrument panel glove box	1	FJ28, FJ28L
B	BJ25 53321	Knob, instrument panel pocket	1	FJ28, FJ28L
C	TBN 0815Z	Bolt	2	
D	SWL 08Z	Washer, spring	2	
E	BJ25 53322	Grip, hand	1	FJ28, FJ28L
F	BX 53344	Claw, instrument panel pocket cover	1	FJ28, FJ28L
G	PWL 0804Z	Washer, plate	1	
H	SWL 04Z	Washer, spring	1	
I	JNT 0404	Nut	2	
J	TNN 0806Z	Nut	1	FJ28, FJ28L
K	FJ24 55500	Lamp assembly, dash (include illustration—L of Fig.—58)	1	FJ28, FJ28L
L	RS 55404	Bulb complete, parking	1	FJ28
	BJ25 53310	Panel assembly, instrument (includes illustrations—A~J, M, U~AB of Fig.—58 and illustrations—AB~AD of Fig.—66)	1	
M	BJ25 53301	Panel complete, instrument	1	FJ28
N	2BJ 54400	Switch assembly, winker	1	
O	MBN 0410	Bolt	1	FJ28, FJ28L
P	2144	Stopper, throttle wire	1	FJ28
Q	BJ25 57110	Speedometer assembly		

FIG.—58 INSTRUMENT PANEL & METER



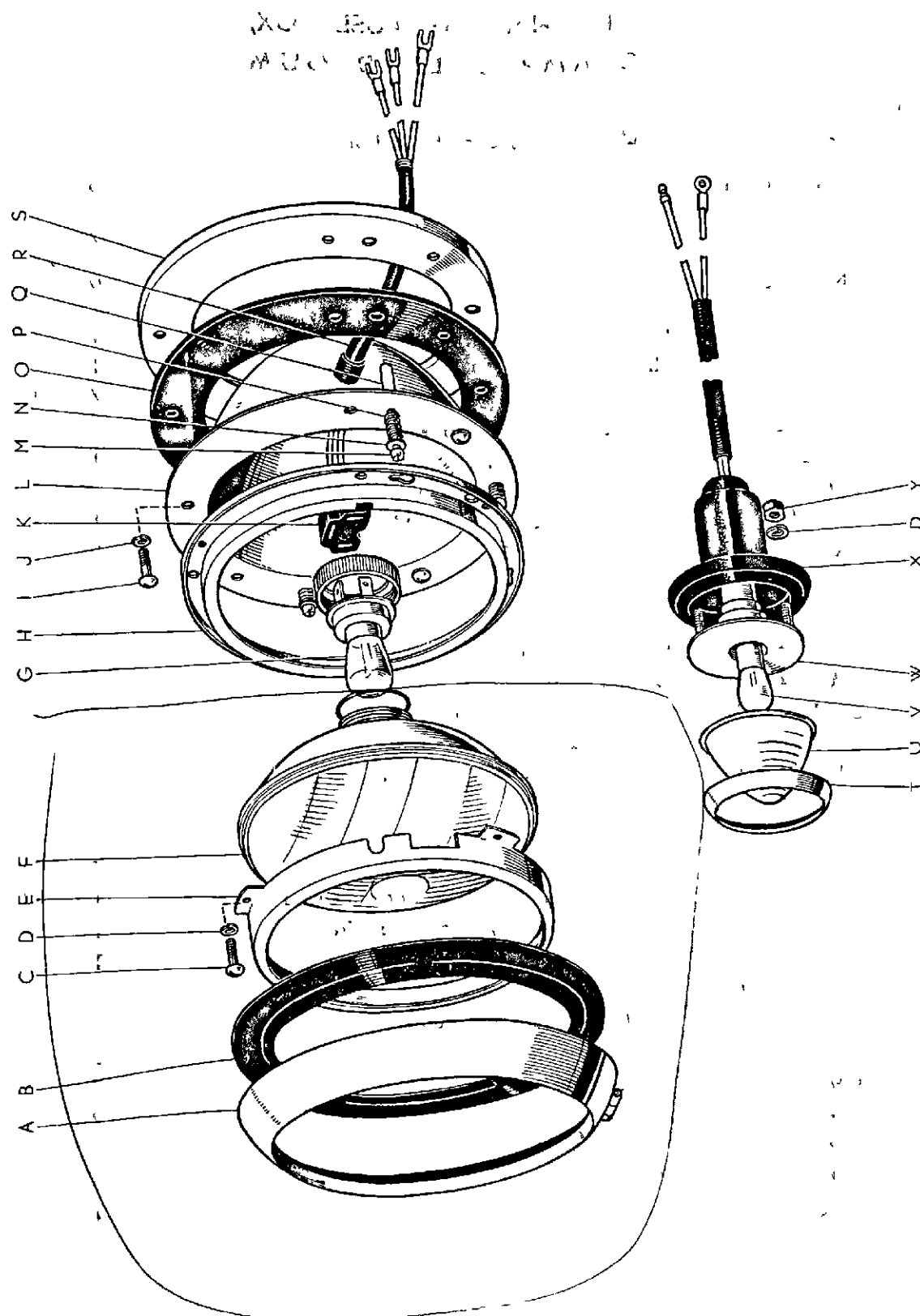
ILLUS- TRATION	PART NO.	NOMENCLATURE	P E R UNIT	MODEL
(FIG. 58)				
R	RS 55901	Bulb complete, winker pilot	4	FJ28, FJ28L
	FJ24 55950	Lamp assembly, meter pilot (include illustrations—R, S of Fig.—58)	1	FJ28, FJ28L
S	BJ27 56601	Socket & cord complete, meter pilot lamp	1	FJ28, FJ28L
T	FJ24 55900	Lamp assembly, winker pilot (include illustration—R of Fig.—58)	1	FJ28
U	JBN 0612Z	Bolt	3	
V	PWL 2006Z	Washer, plate	3	
W	SWL 06Z	Washer, spring	3	
X	JNT 0605	Nut	3	
Y	RK 53319	Plate, instrument panel pocket cover hinge	1	FJ28, FJ28L
Z	RK 53321	Rivet, instrument panel pocket cover hinge	2	FJ28, FJ28L
AA	PWT 2006	Washer, plate	2	
AB	PWL 0804	Washer, plate	2	
AC	2BJ 54500	Rod assembly, throttle	1	FJ28, FJ28L
	FJ25 54901	Wire complete, throttle rod	1	FJ28, FJ28L
	FJ25 54903	Tube complete, throttle rod flexible	1	FJ28, FJ28L
AD	2BJ 54600	Rod assembly, choke	1	FJ28, FJ28L
	FJ25 54801	Wire complete, choke rod	1	FJ28, FJ28L
	FJ25 54803	Tube complete, choke rod flexible	1	FJ28, FJ28L
AE	BJ20 54100	Switch assembly, lighting	1	FJ28, FJ28L
AF	RS 63512	Screw, winker cover plate	2	FJ28, FJ28L
AG	FA70 57403	Gauge unit complete, oil pressure	1	FJ28, FJ28L
AH	FJ24 57101	Wire complete, connection	1	FJ28, FJ28L
	FJ24 57100	Meter assembly (include illustrations—Q, AI, AK, AM, AN of Fig.—58)	1	FJ28
AI	FJ24 57140	Gauge assembly, oil pressure	1	FJ28
AJ	RK21 57204	Gauge unit complete, water heat	1	FJ28, FJ28L
AK	FJ24 57150	Thermometer assembly, water	1	FJ28
AL	FJ25 54200	Switch assembly, ignition & starter	1	FJ28, FJ28L
AM	FJ24 57120	Ammeter assembly	1	FJ28, FJ28L
AN	FJ24 57130	Meter assembly, fuel	1	FJ28, FJ28L
AO	BJ25L57110	Speedometer assembly	1	FJ28L
	BJ25L53310	Panel assembly, instrument (includes illustrations—A~J, U~AB, AP of Fig.—58 and illustrations—AB~AD of Fig.—66)	1	FJ28L
AP	BJ25L53301	Panel complete, instrument	1	FJ28L
	FJ25L55900	Lamp assembly, winker pilot (include illustrations—R, AQ of Fig.—58)	1	FJ28L
AQ	BX 55403	Socket & cord complete, winker pilot lamp	1	FJ28L
AR	BJ25L54400	Switch assembly, winker	1	FJ28L
	FJ25L57100	Meter assembly (include illustrations—AM, AN, AO, AS, AT of Fig.—58)	1	FJ28L
AS	FJ25L57140	Gauge assembly, oil pressure	1	FJ28L
AT	FJ25L57150	Thermometer assembly, water	1	FJ28L

FIG.—59 WIRE HARNESS & CLAMP



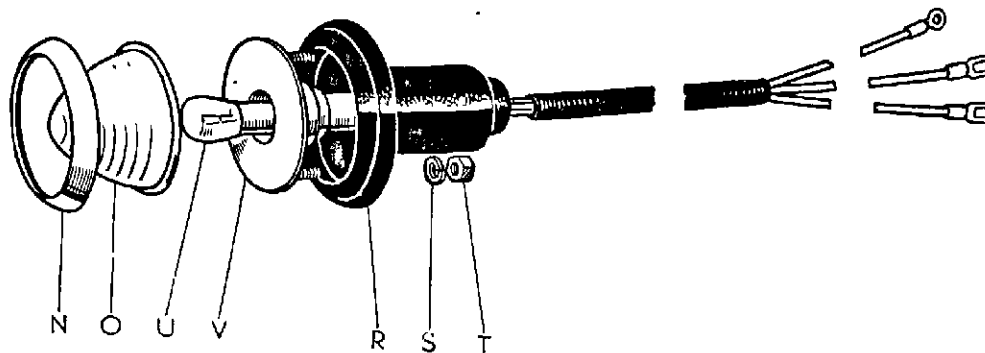
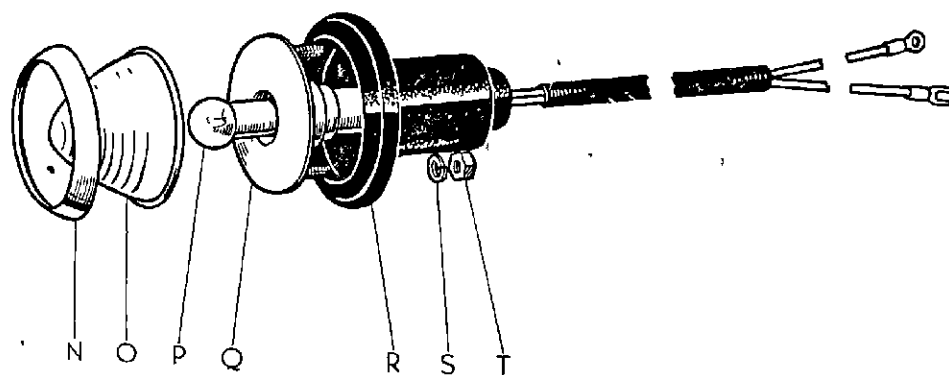
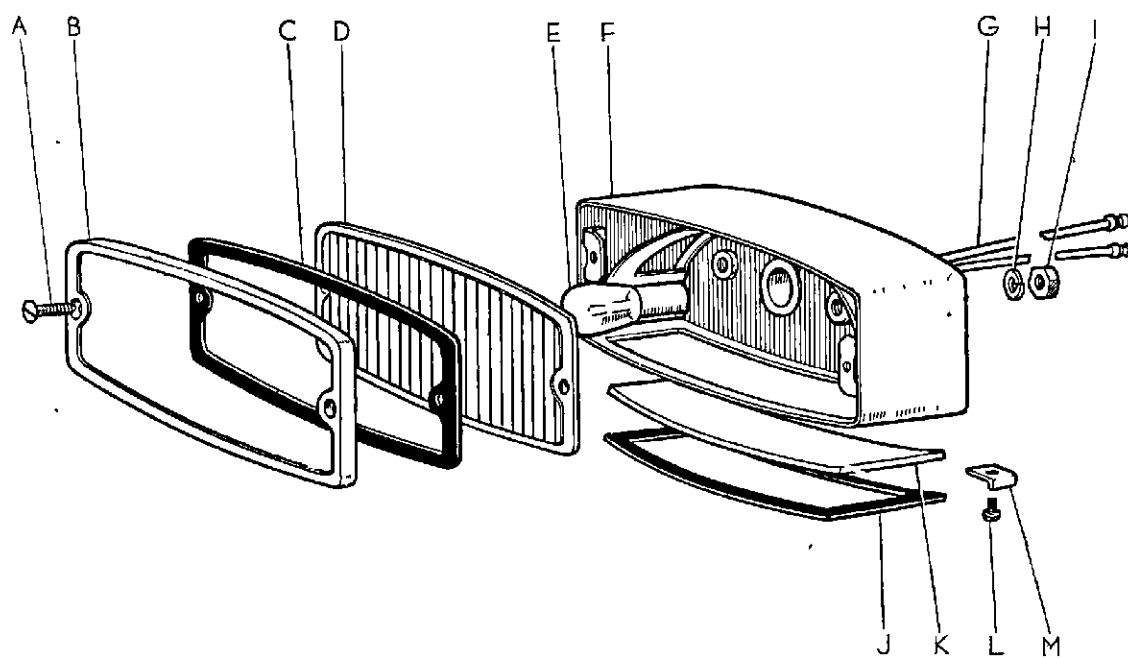
ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
WIRE HARNESS, FUSE BOX, CLAMP & LEAD GUM				
(FIG.59)				
A	RS 56910	Block assembly, 5 post junction	3 (LHD=4)	FJ28. FJ28L
B	JBN 0615TZ	Bolt	6 (LHD=8)	
C	SWH 06	Washer, spring	9 (LHD=13)	
D	JNT 0605	Nut	9 (LHD=13)	
E	FJ24 56130	Harness assembly, front end wire	1	FJ28
	FJ25L56130	Harness assembly, front end wire	1	FJ28L
F	RS 56112	Clamp, wire harness (B)	7	FJ28. FJ28L
G	FJ24 56110	Harness assembly, cab wire	1	FJ28
	FJ25L56110	Harness assembly, cab wire	1	FJ28L
H	BXL 56413	Clamp, wire harness double	1	FJ28. FJ28L
	SG 56415	Clamp, speedometer flexible tube	1	FJ28. FJ28L
I	BX 53418	Set gum, wire	2 (LHD=3)	FJ28. FJ28L
J	BX 53422	Hole gum, accelerator pedal	3 (LHD=2)	FJ28. FJ28L
K	BX 56411	Clamp, cord large	2	FJ28. FJ28L
L	BM 54428	Clamp, cord	5	FJ28. FJ28L
M	BJ27 56160	Harness assembly, chassis wire	1	FJ28
	BJ25L56160	Harness assembly, chassis wire	1	FJ28L
N	BJ25 56104	Wire complete, trailer socket sub	1	FJ28. FJ28L
O	JBN 0612TZ	Bolt	2	
P	FJ25 56500	Box assembly, fuse	1	FJ28. FJ28L
	RS 56860	Fuse assembly (15A)	5	FJ28. FJ28L
Q	FJ24 56140	Harness assembly, generator side wire	1	FJ28. FJ28L
R	FJ24 56120	Harness assembly, front side wire	1	FJ28
	FJ25L56120	Harness assembly, front side wire	1	FJ28L
S	RK52 56411	Clamp, battery cable	3	FJ28. FJ28L
T	BJ 56151	Lead gum, cab wire harness	2	FJ28. FJ28L
U	TNN 0806	Nut	5	
V	SWH 08	Washer, spring	5	
W	TBN 0815	Bolt	2	
X	PWL 2508	Washer, plate	3	
Y	TBN 0820	Bolt	3	
Z	JBN 0615	Bolt	1	

FIG.—60 HEAD LIGHT & STOP LAMP



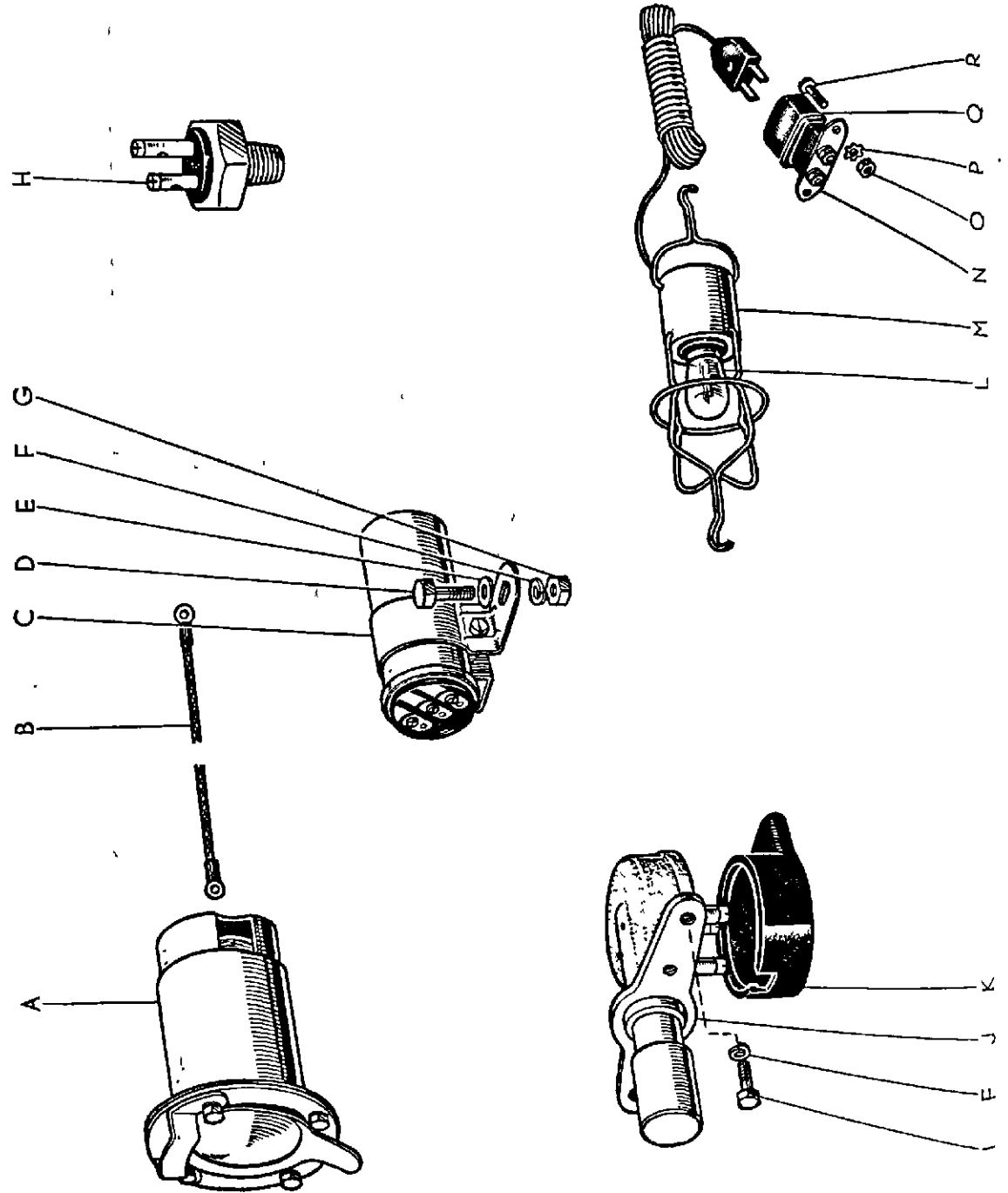
ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
HEAD LIGHT & STOP LAMP				
(FIG 60)	FJ24 55100	Light assembly, head (include illustrations—A~S of Fig.—60)	2	FJ28, FJ28L
A	RS 55111	Rim, head light	2	FJ28, FJ28L
B	RS 55112	Ring, head light gum	2	FJ28, FJ28L
C	MBT 0406	Bolt	6	
D	SWH 04	Washer, spring	10	
E	RS 55113	Ring, head light retaining	2	FJ28, FJ28L
F	RS 55103	Shield beam unit complete, head light (include illustration—G of Fig.—60)	2	FJ28, FJ28L
G	S-RS 55101	Bulb complete, head light (12V 50/40W) }	2	FJ28, FJ28L
	T-RS 55101	Bulb complete, head light (12V 50/40W) }	Use either one	
H	RS 55114	Ring, head light mounting	2	FJ28, FJ28L
I	MBN 0515	Bolt	10	
J	SWH 05	Washer, spring	10	
K	RS 55102	Socket complete, head light	2	FJ28, FJ28L
	FJ24 55110	Body assembly, head light (include illustrations—B~F, H~N, P, Q, S of Fig.—60)	2	FJ28, FJ28L
L	RS 55115	Body, head light	2	FJ28, FJ28L
M	RS 55117	Bolt, head light adjusting	6	FJ28, FJ28L
N	RS 55119	Washer, head light adjusting	6	FJ28, FJ28L
O	RS 55121	Packing, head light	2	FJ28, FJ28L
P	RS 55118	Spring, head light adjusting	6	FJ28, FJ28L
Q	RS 55116	Nut, head light adjusting	6	FJ28, FJ28L
R	FJ24 55104	Cord complete, head light	2	FJ28, FJ28L
S	RS 55122	Plate, head light mounting	2	FJ28, FJ28L
	FJ24 55450	Lamp assembly, stop (include illustrations—T~Z of Fig.—60)	2	FJ28
	FJ25L55350	Lamp assembly, rear turn signal	2	FJ28L
T	RR 55411	Rim, parking lamp	2	FJ28, FJ28L
U	2BJ 55812	Lens, stop lamp	2	FJ28, FJ28L
V	BQ 55501	Lamp, black-out tail (12V 6W)	2	FJ28
	RS 55302	Bulb complete, tail & stop lamp (12V 18/5W)	2	FJ28
W	FJ24 55404	Socket & cord complete, stop lamp	2	FJ28
	FJ25L55304	Socket & cord complete, rear turn signal lamp	2	FJ28L
X	2BJ 55313	Cover gum, parking lamp base	2	FJ28, FJ28L
Y	JNT 0404	Nut	4	

FIG.—61 TAIL AND STOP LAMP & PARKING LAMP



ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
TAIL AND STOP LAMP & PARKING LAMP				
(FIG 61)				
	FA70 55400	Lamp assembly, tail & stop (include illustrations—A~M of Fig.—61)	1	FJ28. FJ28L
A	FA60 55419	Screw, tail & stop lamp rim set	2	FJ28. FJ28L
B	FA60 55411	Rim, tail & stop	1	FJ28. FJ28L
C	FA60 55412	Packing, tail & stop lamp lens	1	FJ28. FJ28L
D	FA60 55413	Lens, tail & stop lamp	1	FJ28. FJ28L
E	FA70 55401	Bulb complete, tail & stop lamp (12V 18/5W)	1	FJ28. FJ28L
F	FA60 55402	Case complete, tail & stop lamp	1	FJ28. FJ28L
G	FA70 55403	Cord complete, tail & stop lamp	1	FJ28. FJ28L
H	SWL 06	Washer, spring	2	
I	JNN 0605	Nut	2	
J	FA60 55415	Packing, tail & stop lamp number glass	1	FJ28. FJ28L
K	FA60 55414	Number glass, tail & stop lamp	1	FJ28. FJ28L
L	FA60 55418	Screw, tail & stop lamp number glass stopper set	2	FJ28. FJ28L
M	FA60 55416	Stopper, tail & stop lamp number glass	2	FJ28. FJ28L
	FJ24 55600	Lamp assembly, parking (include illustrations—N~T of Fig.—61)	2	FJ28
	FJ25L55650	Lamp assembly, parking & turn signal (include illustrations—N, O, R~V of Fig.—61)	2	FJ28L
N	RR 55411	Rim, parking lamp	2	FJ28. FJ28L
O	RR 55412	Lens, parking lamp	2	FJ28. FJ28L
P	BQ 55501	Lamp, black-out tail (12V 6W)	2	FJ28
Q	FJ24 55604	Socket & cord complete, parking lamp	2	FJ28
R	2BJ 55313	Cover gum, parking lamp base	2	FJ28. FJ28L
S	SWH 04	Washer, spring	4	
T	JNT 0404	Nut	4	
U	RS 55302	Bulb complete, tail & stop lamp (12V 18/5W)	2	FJ28L
V	FJ25L55604	Socket & cord complete, parking & turn signal lamp	2	FJ28L

FIG.—62 TRAILER SOCKET & DIMMER SWITCH



ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
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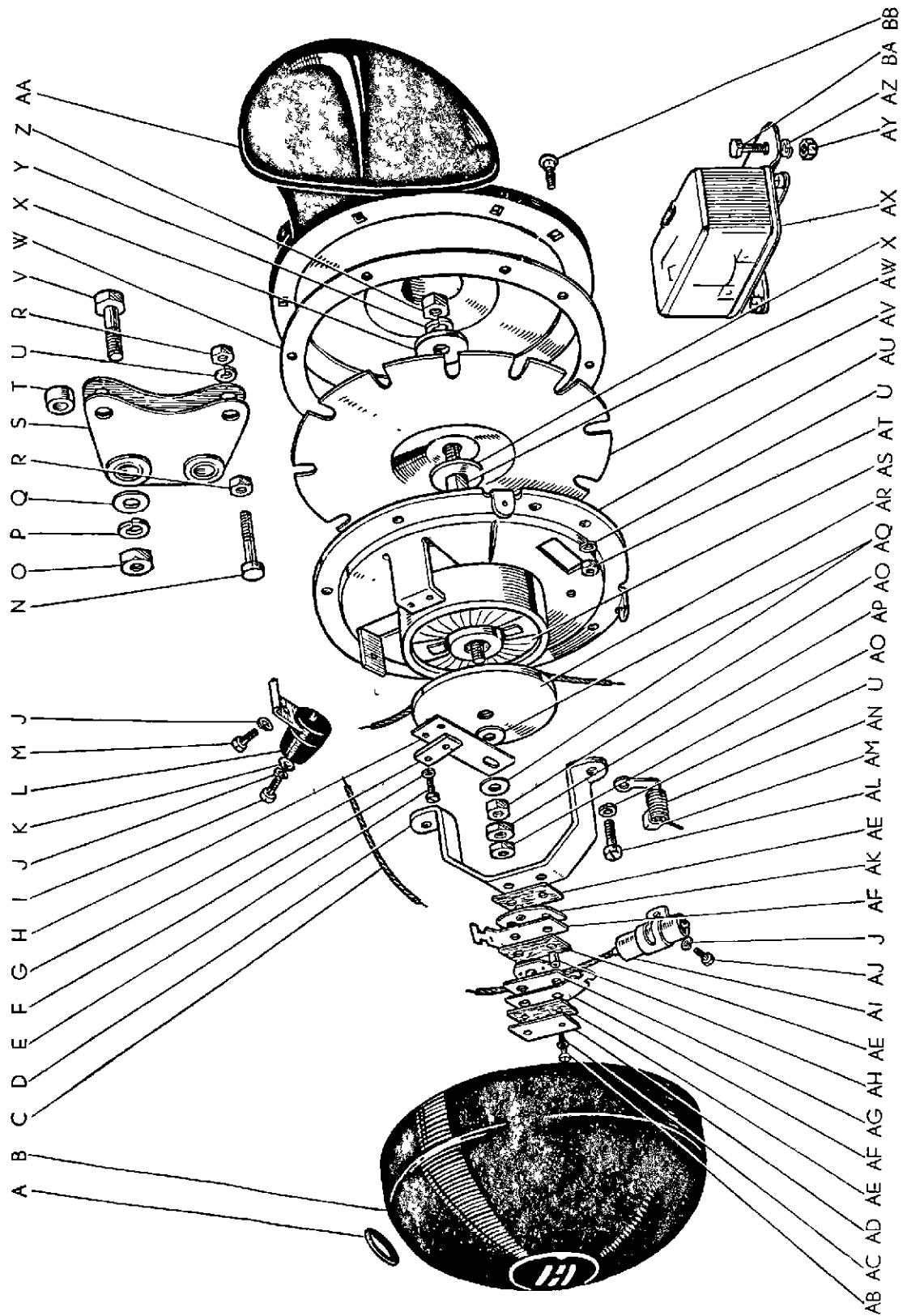
TRAILER SOCKET, DIMMER SWITCH, FLASHER & INSPECTION LAMP

(FIG 62)

A	BJT 58600	Socket assembly, trailer	1	FJ28, FJ28L
B	BJT 58537	Wire, trailer socket earth	1	FJ28, FJ28L
C	ST10 58200	Flasher assembly	1	FJ28L
D	JBN 0615TZ	Bolt	2	
E	PWL 2006	Washer, plate	2	
F	SWH 06	Washer, spring	4	
G	JNT 0605	Nut	2	
H	BX 54800	Switch assembly, stop	1	FJ28, FJ28L
I	JBN 0615T	Bolt	2	
J	FA60 54900	Switch assembly, dimmer	1	FJ28, FJ28L
K	FA60 54911	Cover, dimmer switch	1	FJ28, FJ28L
L	BQ 55701	Bulb complete, inspection lamp	1	FJ28, FJ28L
M	FJ24 55700	Lamp assembly, inspection (include illustrations—L~N, Q of Fig—62)	1	FJ28, FJ28L
N	RK 55703	Consent complete, inspection lamp	1	FJ28, FJ28L
O	JNT 0404	Nut	2	
P	IW 0804	Washer	2	
Q	RK 55711	Cover, inspection lamp consent	1	FJ28, FJ28L
R	MBN 0410	Bolt	2	

SPACE FOR MEMO

FIG.—63 HORN & HORN RELAY (Denso)



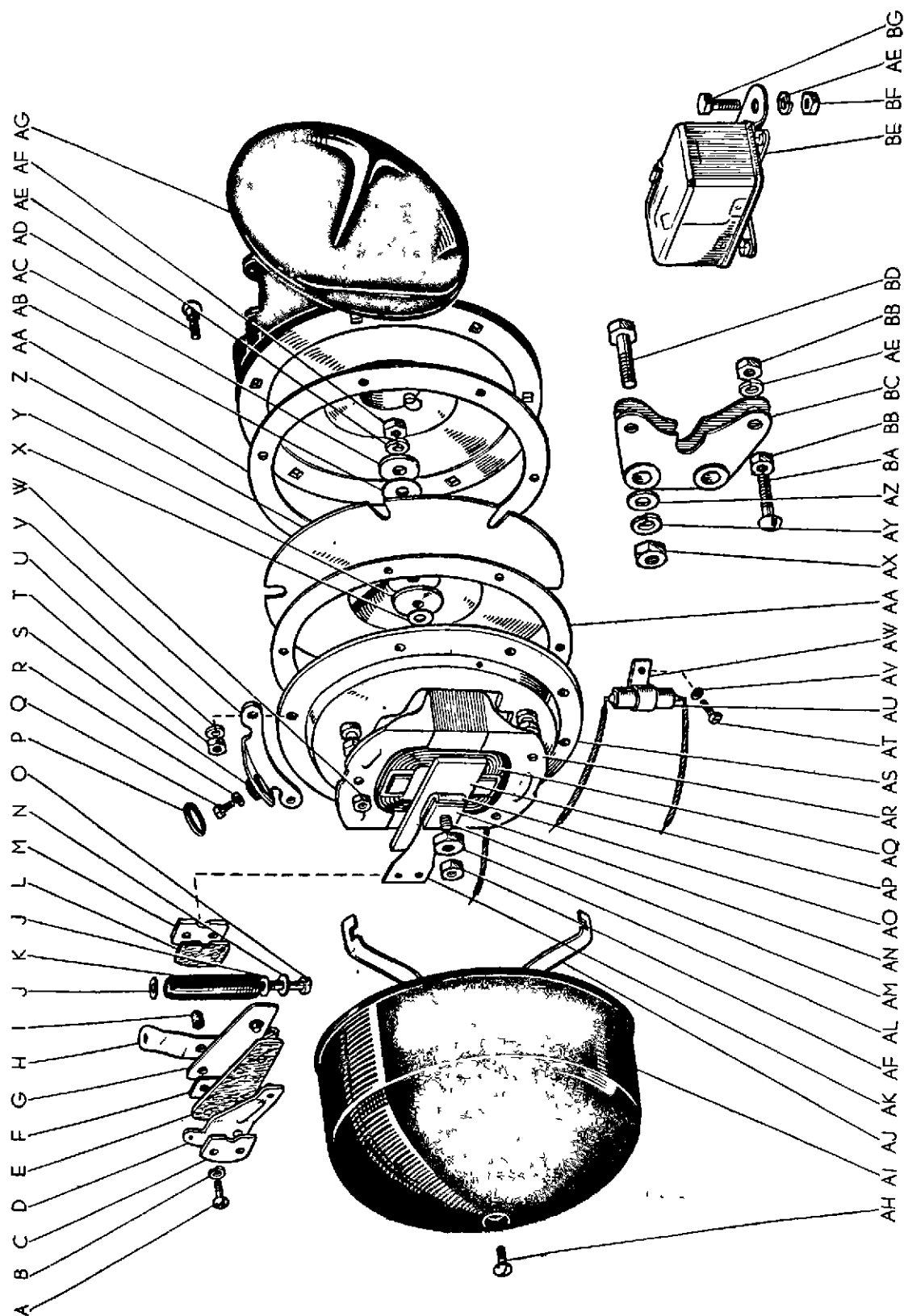
ILLUS- TRATION	PART NO.	NOMENCLATURE	P E R UNIT	MODEL
HORN & HORN RELAY (Denso)				
"Horn & Horn relay supplied is of either Denso or Maruko product."				
(FIG 63)	D-ST10 58000	Horn assembly (include illustrations—A~N, R~U, W~AX, BB of Fig.—63)	1	FJ28, FJ28L
	D-ST10 58600	Horn assembly, hard (include illustrations—A~N, R~U, W~AW, BB of Fig.—63)	1	FJ28, FJ28L
	D-ST10 58700	Horn assembly, soft (include illustrations—A~N, R~U, W~AW, BB of Fig.—63)	1	FJ28, FJ28L
A	TOHB 58180	Terminal gum	2	FJ28, FJ28L
B	TOHB 58198	Case, horn	2	FJ28, FJ28L
C	TOA 58195	Wire, lead	2	FJ28, FJ28L
	TOA 58190	Breaker complete, contact (include illustrations—D, AB~AH, AK of Fig.—63)	1	FJ28, FJ28L
D	TOA 58191	Supporter, breaker	2	FJ28, FJ28L
E	SA 03.510	Screw	4	
F	WS 3.5	Washer, spring	4	
G	TOA 58172	Washer, breaker spring press	2	FJ28, FJ28L
H	TOA 58171	Spring, breaker	2	FJ28, FJ28L
I	SM 0406	Screw, terminal	2	
J	WS 4	Washer, spring	6	
K	WP 4	Washer, plate	2	
L	TOHB 58177	Mould, terminal	2	FJ28, FJ28L
M	SA 0410	Screw	2	
N	BH 0528	Bolt	4	
O	JNN 0806Z	Nut	4	
P	SWH 08	Washer, spring	4	
Q	PWL 2508	Washer, plate	4	
R	NH 0504.5	Nut	8	
S	TOHB 58160	Spring complete, support	2	FJ28, FJ28L
T	TOA 58164A	Collar, holder	4	FJ28, FJ28L
U	WS 5	Washer, spring	18	
V	TBN 0830Z	Bolt	4	
W	TOA 58143	Packing	2	FJ28, FJ28L
X	WP 22 × 6.2 × 2.3	Washer (Diaphragm setting)	4	
Y	WS 6	Washer, spring	2	
Z	NH 0606	Nut	2	
AA	TOA 58140A	Trumpet complete (Hard horn)	1	FJ28, FJ28L
	TOSB 58140	Trumpet complete (Soft horn)	1	FJ28, FJ28L
AB	SA 0312	Screw	4	
AC	WS 3	Washer, spring	4	

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ILLUS- TRATION	PART NO.		NOMENCLATURE	PER UNIT	MODEL
(FIG. 83)					
AD		56237	Washer, contact breaker (A)	6	FJ28, FJ28L
AE		56238	Washer, contact breaker (B)	6	FJ28, FJ28L
AF		56246A	Terminal, breaker	4	FJ28, FJ28L
AG		56241	Point complete, contact	2	FJ28, FJ28L
AH		56252	Bushing	4	FJ28, FJ28L
AI	TOHB	58197	Condenser	2	FJ28, FJ28L
AJ	SA	0406	Screw	2	
AK		56249A	Spring complete, contact	2	FJ28, FJ28L
AL	SA	0506	Screw	4	
AM	TOHB	58199	Supporter, balance coil	2	FJ28, FJ28L
AN	TOHB	58194	Coil complete, balance	2	FJ28, FJ28L
AO	nH	0604	Nut	4	
AP	TOA	58175	Nut, regulation	2	FJ28, FJ28L
AQ	WP	6	Washer, plate	4	
AR	TOA	58167-1	Plate, moving	2	FJ28, FJ28L
	TOA	58167-2	Plate, moving		
			} Use either one		
AS	TOHB	58120	Coil, horn	2	FJ28, FJ28L
AT		54766	Nut	10	FJ28, FJ28L
AU	TOA	58110B	Base complete	2	FJ28, FJ28L
AV	TOA	58130	Diaphragm (Hard horn)	1	FJ28, FJ28L
	TOSB	58130	Diaphragm (Soft horn)	1	FJ28, FJ28L
AW	TOA	58128	Bolt, moving	2	FJ28, FJ28L
AX	D-ST10	58800	Relay assembly horn	1	FJ28, FJ28L
AY	JNT	0605	Nut	2	
AZ	SWH	06	Washer, spring	2	
BA	JBN	0615	Bolt	2	
BB	BY	58697A	Bolt	10	FJ28, FJ28L

SPACE FOR MEMO

FIG.—64 HORN & HORN RELAY (Maruko)



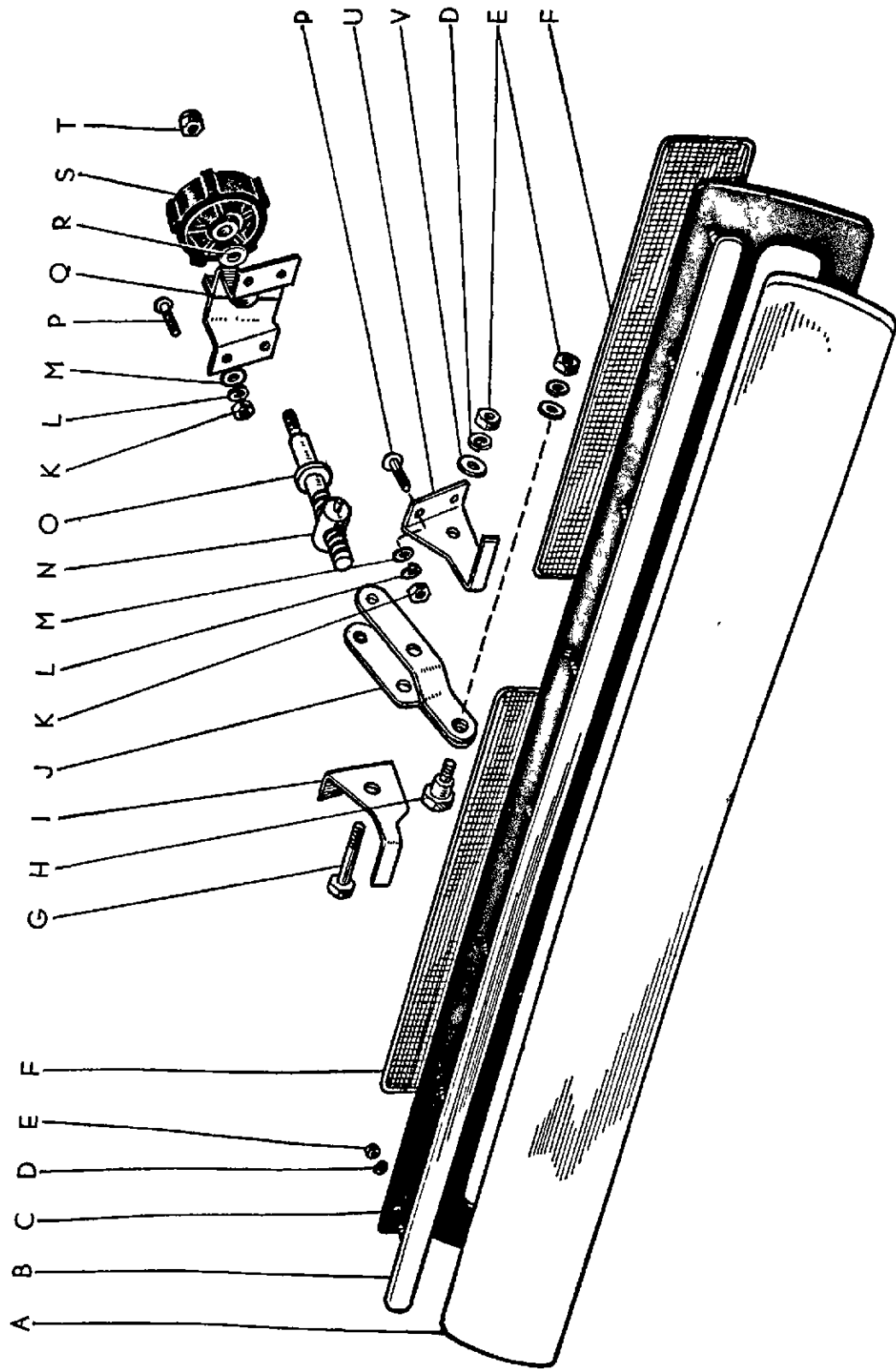
ILLUS- TRATION	PART NO.	NOMENCLATURE	P E R UNIT	MODEL
HORN & HORN RELAY (Maruko)				
"Horn & Horn relay supplied is of either Maruko or Denso product"				
(FIG 64)				
	M-ST10 58000	Horn assembly (include illustrations A~AW, BA~BC, BE of Fig —64)	1	FJ28, FJ28L
	M-ST10 58600	Horn assembly, hard (include illustrations—A~AW, BA~BC of Fig —64)	1	FJ28, FJ28L
	M-ST10 58700	Horn assembly, soft (include illustrations—A~AW, BA~BC of Fig —64)	1	FJ28, FJ28L
	ST10 58604	Point complete, hard horn (include illustrations—A~K, N, O of Fig —64)	2	FJ28, FJ28L
A	ST10 58639	Screw, hard horn contact	4	FJ28, FJ28L
B	SWH 03	Washer, spring	4	
C	ST10 58637	Liner, hard horn contact	2	FJ28, FJ28L
D	ST10 58607	Supporter complete, hard horn point	2	FJ28, FJ28L
E	ST10 58636	Insulator, hard horn contact	2	FJ28, FJ28L
F	ST10 58638	Insulator, hard horn contact	2	FJ28, FJ28L
G	ST10 58606	Spring complete, hard horn contact point	2	FJ28, FJ28L
H	ST10 58634	Terminal, hard horn	2	FJ28, FJ28L
I	RH 58641	Insulator, hard horn contact screw	4	FJ28, FJ28L
J	RH 58631	Insulator, hard horn resistance	4	FJ28, FJ28L
	M-BQ 58605	Piece complete, hard horn resistance (include illustrations—J, K, N, O of Fig —64)	2	FJ28, FJ28L
K	M-BQ 58629	Piece, hard horn resistance	2	FJ28, FJ28L
L	ST10 58628	Insulator, hard horn terminal	2	FJ28, FJ28L
M	ST10 58627	Plate, hard horn terminal	2	FJ28, FJ28L
N	RH 58633	Washer, hard horn resistance	2	FJ28, FJ28L
O	RH 58632	Screw, hard horn resistance	2	FJ28, FJ28L
P	ST10 58645	Packing, hard horn terminal	2	FJ28, FJ28L
Q	ST10 58654	Screw, hard horn terminal	2	FJ28, FJ28L
R	ST10 58655	Washer, hard horn terminal	2	FJ28, FJ28L
S	ST10 58656	Cushion, hard horn terminal holder	2	FJ28, FJ28L
T	ST10 58658	Nut, trumpet set	8	FJ28, FJ28L
U	ST10 58659	Washer, trumpet set	8	FJ28, FJ28L
V	ST10 58657	Holder, hard horn terminal	2	FJ28, FJ28L
W	RH 58649	Nut	8	FJ28, FJ28L
X	RH 58617	Washer, hard horn diaphragm adjust	2~4	FJ28, FJ28L
Y	RH 58616	Washer, hard horn diaphragm (Large)	2	FJ28, FJ28L
Z	ST10 58613	Diaphragm, hard horn	1	FJ28, FJ28L
	ST10 58713	Diaphragm, soft horn	1	FJ28, FJ28L
AA	ST10 58612	Packing, hard horn diaphragm	4	FJ28, FJ28L
AB	RH 58615	Packing, hard horn diaphragm	2	FJ28, FJ28L
AC	RH 58614	Washer, hard horn diaphragm (Small)	2	FJ28, FJ28L
AD	RH 58648	Screw, trumpet set	8	FJ28, FJ28L

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ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
(FIG 64)				
AE	SWH 06	Washer, spring	6	
AF	RH 58626	Nut, hard horn moving shaft	4	FJ28. FJ28L
AG	ST10 58611	Trumpet, hard horn	1	FJ28. FJ28L
	ST10 58711	Trumpet, soft horn	1	FJ28. FJ28L
AH	RH 58646	Screw, hard horn case setting	2	FJ28. FJ28L
AI	ST10 58609	Case complete, hard horn	2	FJ28. FJ28L
AJ	ST10 58644	Holder, hard horn case	2	FJ28. FJ28L
AK	RH 58623	Spring, hard horn contact breaker	2	FJ28. FJ28L
AL	RH 58625	Nut, hard horn moving adjust	2	FJ28. FJ28L
AM	RH 58619	Shaft, hard horn moving	2	FJ28. FJ28L
AN	RH 58624	Nut, hard horn moving lock	2	FJ28. FJ28L
AO	RH 58622	Plate, hard horn moving washer	2	FJ28. FJ28L
	ST10 58603	Plate complete, hard horn moving (include illustrations—AK, AM~AP of Fig—64)	2	FJ28. FJ28L
AP	ST10 58621	Plate, hard horn moving	2	FJ28. FJ28L
AQ	ST10 58618	Coil, hard horn	2	FJ28. FJ28L
AR	ST10 58602	Core complete, hard horn	2	FJ28. FJ28L
AS	ST10 58601	Base complete, hard horn	2	FJ28. FJ28L
AT	M-BQ 58652	Screw, hard horn condenser	2	FJ28. FJ28L
AU	M-BQ 58606	Condenser complete, hard horn	2	FJ28. FJ28L
AV	M-BQ 58653	Washer, hard horn condenser spring	2	FJ28. FJ28L
AW	M-BQ 58651	Supporter, hard horn condenser	2	FJ28. FJ28L
AX	TNN 0806Z	Nut	4	
AY	SWH 08	Washer, spring	4	
AZ	PWL 2508	Washer, plate	4	
BA	MBN 0630	Bolt	4	
BB	TNN 0606C	Nut	8	
BC	RH 58608	Spring complete, hard horn support	2	FJ28. FJ28L
BD	TBN 0830Z	Bolt	4	
BE	M-ST10 58800	Relay assembly, horn	1	FJ28. FJ28L
BF	JNT 0605	Nut	2	
BG	JBN 0615	Bolt	2	

FIG.—65 VENTILATOR



ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
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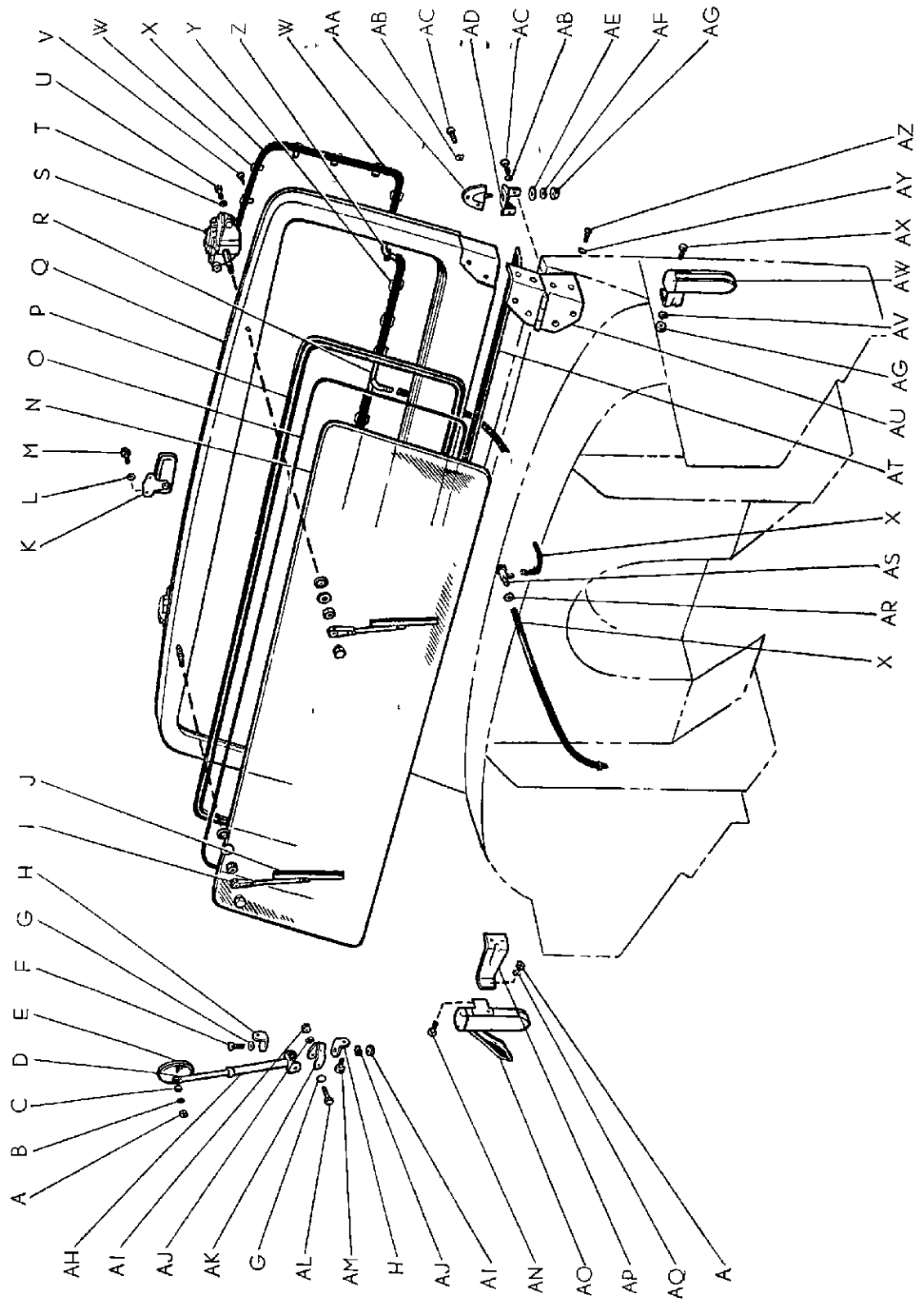
VENTILATOR

(FIG.85)

A	BJ25 62301	Plate complete, front window ventilator cover	1	FJ28. FJ28L
B	BJ25 62304	Mould complete, front window ventilator	1	FJ28. FJ28L
C	BJ25 62313	Packing gum, front window ventilator	1	FJ28. FJ28L
D	SWL 04Z	Washer, spring	10	
E	JNT 0404	Nut	10	
F	BJ25 62201	Net complete, front window frame front	2	FJ28. FJ28L
G	BJ25 62325	Pin, front window ventilator arm (Large)	1	FJ28. FJ28L
H	BJ25 62326	Pin, front window ventilator arm (Small)	1	FJ28. FJ28L
I	BJ25 62114	Reinforce, front window ventilator RH	1	FJ28. FJ28L
J	BJ25 62324	Arm, front window ventilator	2	FJ28. FJ28L
K	JNT 0504	Nut	8	
L	SWL 05Z	Washer, spring	8	
M	PWL 1005Z	Washer, plate	8	
N	BJ25 62322	Nut, front window ventilator work	1	FJ28. FJ28L
O	BJ25 62321	Bolt, front window ventilator work	1	FJ28. FJ28L
P	MBN 0515Z	Bolt	8	
Q	BJ25 62302	Support complete, front window ventilator work bolt	1	FJ28. FJ28L
R	PWL 2006Z	Washer, plate	1	
S	BJ25 62303	Handle complete, front window ventilator	1	FJ28. FJ28L
T	BJ25 62323	Nut, front window ventilator handle	1	FJ28. FJ28L
U	BJ25 62115	Reinforce, front window ventilator LH	1	FJ28. FJ28L
V	PWL 0804Z	Washer, plate	2	

SPACE FOR MEMO

FIG.—66 FRONT WINDOW & WINDOW WIPER



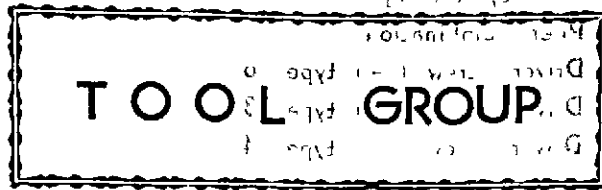
ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
FRONT WINDOW & WINDOW WIPER				
(FIG.66)				
A	JNT 0605	Nut	5 (LHD=1)	
B	SWL 06	Washer, spring	1	
C	PWL 2006	Washer, plate	1	
D	BJ 69211	Stay, outside back mirror	1	FJ28. FJ28L
	BJ 69200	Mirror assembly, outside back (include illustrations—A~H, AH~AL of Fig—66)	1	FJ28. FJ28L
E	BJ 69202	Mirror complete, outside back	1	FJ28. FJ28L
F	TBN 1045	Bolt	1	
G	PWL 0010	Washer, plate	2	
H	BJ 69217	Bracket, outside back mirror stay	2	FJ28. FJ28L
	BJ26 59400	Arm & brade complete, windshield wiper (include illustrations—I, J of Fig—66)	2	FJ28. FJ28L
I	BJ26 59401	Arm complete, windshield wiper	2	FJ28. FJ28L
J	BJ26 59402	Brade complete, windshield wiper	2	FJ28. FJ28L
K	BJR 68350	Mirror assembly, room back	1	FJ28. FJ28L
L	SWL 06Z	Washer, spring	2	
M	BJ26 65216	Screw, plus	2	FJ28. FJ28L
N	BJ25 62211	Shield glass, front window	1	FJ28. FJ28L
O	BJ25 62213	Strip, front window shield weather outer	1	FJ28. FJ28L
P	BJ25 62212	Strip, front window shield weather	1	FJ28. FJ28L
Q	BJ25 62101	Frame complete, front window (include illustrations—I, U of Fig—65)	1	FJ28. FJ28L
R	BJ26 59301	Joint complete, windshield wiper three	1	FJ28. FJ28L
S	BJ26 59100	Motor assembly, windshield vacuum	2	FJ28. FJ28L
T	SW 0612	Washer, spring	4	
U	JBN 0615Z	Bolt	4	
V	NS 0410C	Screw	14	
W	BJ26 59218	Clamp, windshield wiper gum hose	14	FJ28. FJ28L
X	BJ26 59217	Hose, windshield wiper gum	1	FJ28. FJ28L
Y	BJ26 59219	Clamp, windshield wiper gum hose (A)	7	FJ28. FJ28L
Z	BJ26 59311	Flange, windshield wiper	2	FJ28. FJ28L
AA	BJ25 62403	Bolt complete, front window set	2	FJ28. FJ28L
AB	CW 2006Z	Washer	14	
AC	BJ26 65446	Screw, plus	14	
AD	BJ25 62418	Seat, front window set bolt lower	2	FJ28. FJ28L
AE	PWL 2508Z	Washer, plate	2	
AF	SWL 08Z	Washer, spring	2	
AG	TNN 0806Z	Nut	6 (LHD=2)	
	BJ 69210	Stay assembly, outside back mirror (include illustrations—D, F~H, AH~AL of Fig—66)	1	FJ28. FJ28L

LAND CRUISER

ILLUS. TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
(FIG. 66)				
AH	BJ 69201	Stay complete, outside back mirror	1	FJ28, FJ28L
AI	TNN 1008	Nut	2	
AJ	SWL 10	Washer, spring	2	
AK	BJ 69215	Joint, outside back mirror stay inside	1	FJ28, FJ28L
AL	TBN 1040	Bolt	1	
AM	TBN 0815	Bolt	2	
AN	BJ20 58213	Bolt, winker set	4	FJ28
AO	FJ24 58210	Winker assembly RH	1	FJ28
AP	BJ20 58211	Bracket, winker	2	FJ28
AQ	SWH 06	Washer, spring	4	(RHD only)
AR	BJ25 59215	Washer, windshield wiper gum	1	FJ28, FJ28L
AS	BJ25 59201	Valve complete, windshield wiper (include illustration—AR of Fig—66)	1	FJ28, FJ28L
AT	BJ25 62431	Spacer gum, front window	1	FJ28, FJ28L
AU	BJ25 62402	Hinge complete, front window support LH	1	FJ28, FJ28L
	BJ25 62401	Hinge complete, front window support RH	1	FJ28, FJ28L
AV	SWH 08	Washer, spring	4	(RHD only)
AW	FJ24 58220	Winker assembly LH	1	FJ28
AX	BJ20 58212	Bolt, winker bracket set	4	FJ28
AY	CW 2508Z	Washer	16	
AZ	BJ25 62415	Screw, plus	16	FJ28, FJ28L

SPACE FOR MEMO

STANDARD TOOL



1. 100
2. 100
3. 100
4. 100
5. 100
6. 100
7. 100
8. 100
9. 100
10. 100

FIG. 2. STANDARD TOOL



LAND CRUISER

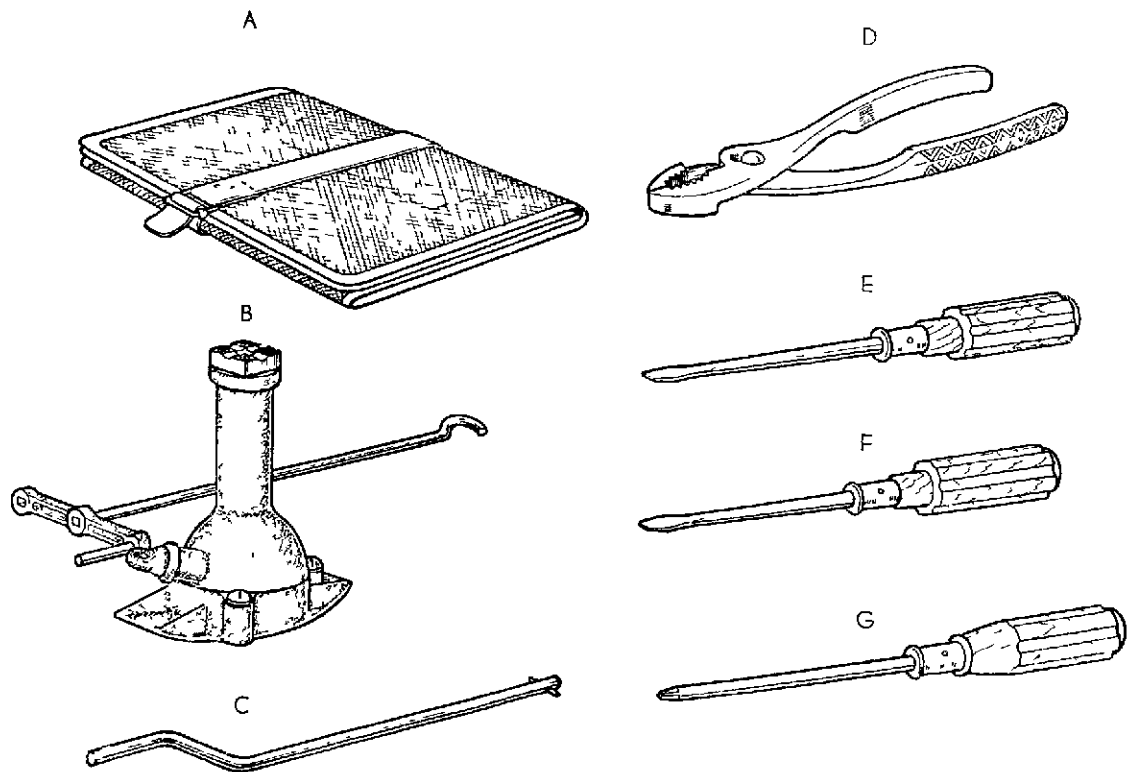
ILLUS- TRATION	PART NO.	NOMENCLATURE	P E R UNIT	MODEL
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STANDARD TOOL

(FIG 87)

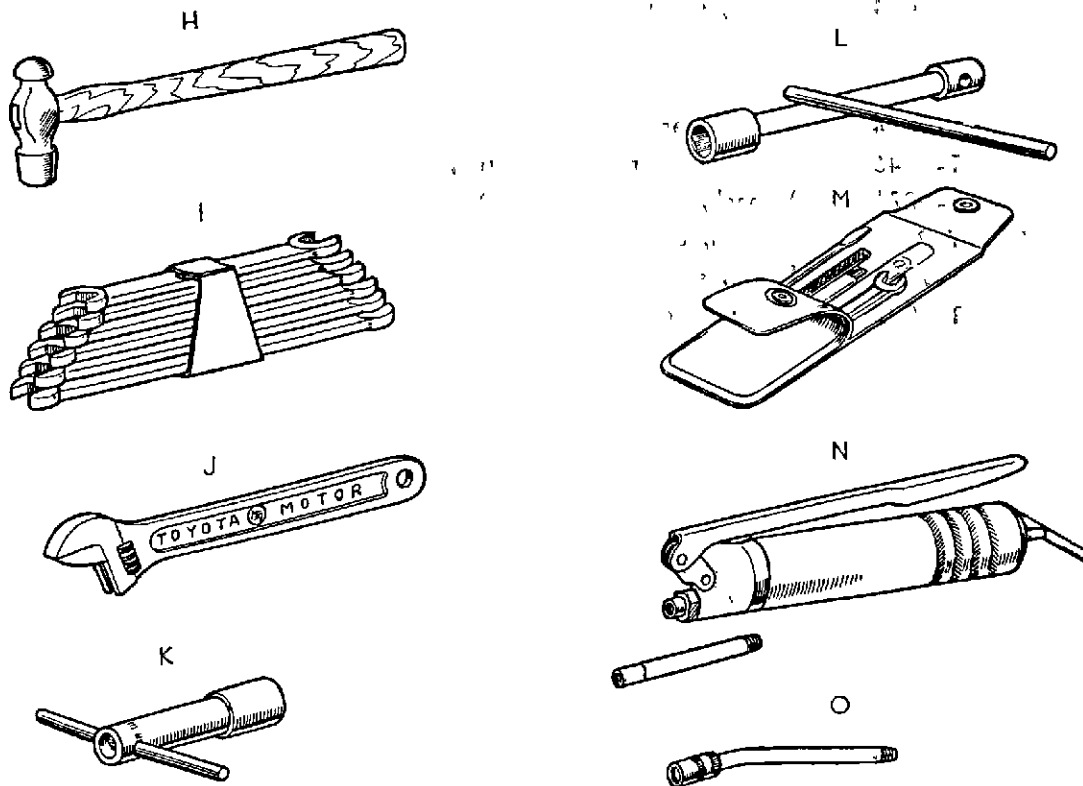
A	BJ	91900	Bag, tool	1	FJ28. FJ28L
B	RK	91100	Jack with handle 2 ton	1	FJ28. FJ28L
C	FQS	91350	Handle, starting	1	FJ28. FJ28L
D	BX	91310	Plier, combination	1	FJ28. FJ28L
E	BX	91330	Driver, screw (—) type 6"	1	FJ28. FJ28L
F	BX	91340	Driver, screw (—) type 3"	1	FJ28. FJ28L
G	BXL	91350	Driver, screw (+) type 4"	1	FJ28. FJ28L

FIG.—67 STANDARD TOOL



ILLUS- TRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
(FIG 68)				
H	BX 91370	Hammer, 1 pound	1	FJ28, FJ28L
I	BX 41410	Spanner, 6 pcs set	1	FJ28, FJ28L
J	BX 91450	Wrench, monkey 10"	1	FJ28, FJ28L
K	BX 91510	Wrench, spark plug 21mm	1	FJ28, FJ28L
L	SG 91550	Wrench, hub nut box 23mm	1	FJ28, FJ28L
M	BX 91600	Adjust kit, engine	1	FJ28, FJ28L
	RK 91700	Pump, grease	1	FJ28, FJ28L
		(include illustrations—N, O of Fig—68)		
N	RK 91710	Pump, grease 150cc type	1	FJ28, FJ28L
O	RK 91750	Hose, grease pump chuck	1	FJ28, FJ28L

FIG.—68 STANDARD TOOL



LAND CRUISER

ILLUSTRATION	PART NO.	NOMENCLATURE	PER UNIT	MODEL
SPECIAL SERVICE TOOL				
(FIG.69)				
A	BX S.S.T-1001	Adjust kit, engine		FJ28. FJ28L
B	BX S.S.T-1003	Guide tool, valve		FJ28. FJ28L
C	BX S.S.T-1022	Puller, crankshaft pulley & gear		FJ28. FJ28L
D	BX S.S.T-1023	Replacer, crankshaft pulley & differential drive pinion		FJ28. FJ28L
E	BX S.S.T-1025	Puller, camshaft bearing		FJ28. FJ28L
F	BX S.S.T-1051	Puller, water pump pulley seat		FJ28. FJ28L
G	BX S.S.T-1061	Driver set, carburetor		FJ28. FJ28L
(FIG.70)				
H	FA S.S.T-1075	Puller, clutch pilot bearing		FJ28. FJ28L
I	BX S.S.T-1081	Puller, main drive gear & differential drive pinion		FJ28. FJ28L
J	BX S.S.T-1083	Remover, transmission gear shift lever		FJ28. FJ28L
K	BX S.S.T-1084	Puller, counter gear		FJ28. FJ28L
L	RS S.S.T-2003	Expounder, snap ring		FJ28. FJ28L
M	SG S.S.T-2033	Wrench, differential adjust nut		FJ28. FJ28L
N	BX S.S.T-2034	Puller, universal		FJ28. FJ28L
(FIG.71)				
O	SG S.S.T-2044	Puller, rear wheel bearing		FJ28. FJ28L
P	SG S.S.T-2045	Replacer, rear wheel bearing		FJ28. FJ28L
Q	BX S.S.T-2071	Wrench, brake adjust (A)		FJ28. FJ28L
R	BX S.S.T-2072	Wrench, brake adjust (B)		FJ28. FJ28L
S	FA S.S.T-2081	Puller, steering wheel		FJ28. FJ28L
T	BX S.S.T-2082	Puller, pitman arm		FJ28. FJ28L

FIG. 169- SPECIAL SERVICE TOOL

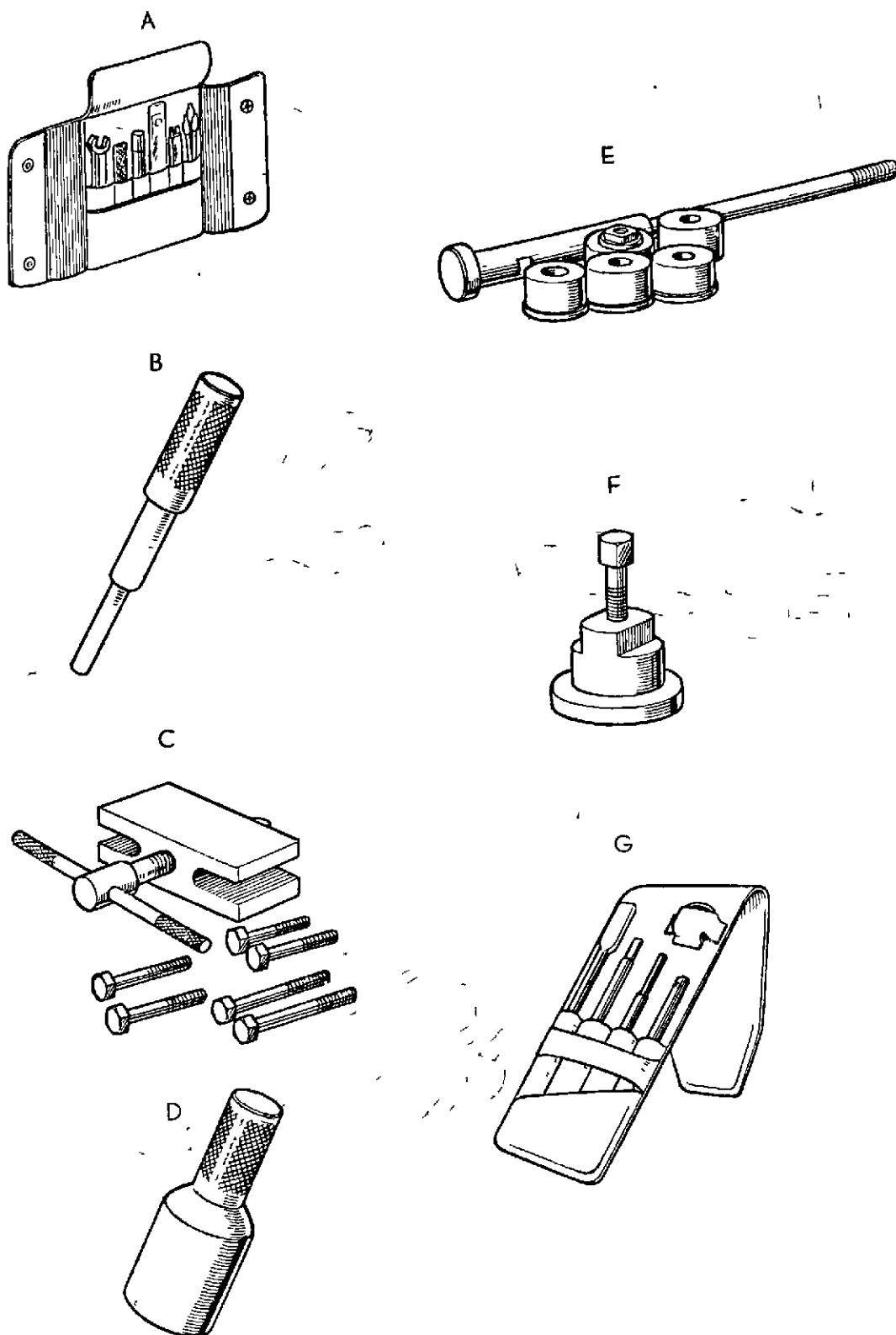


FIG.—70 SPECIAL SERVICE TOOL

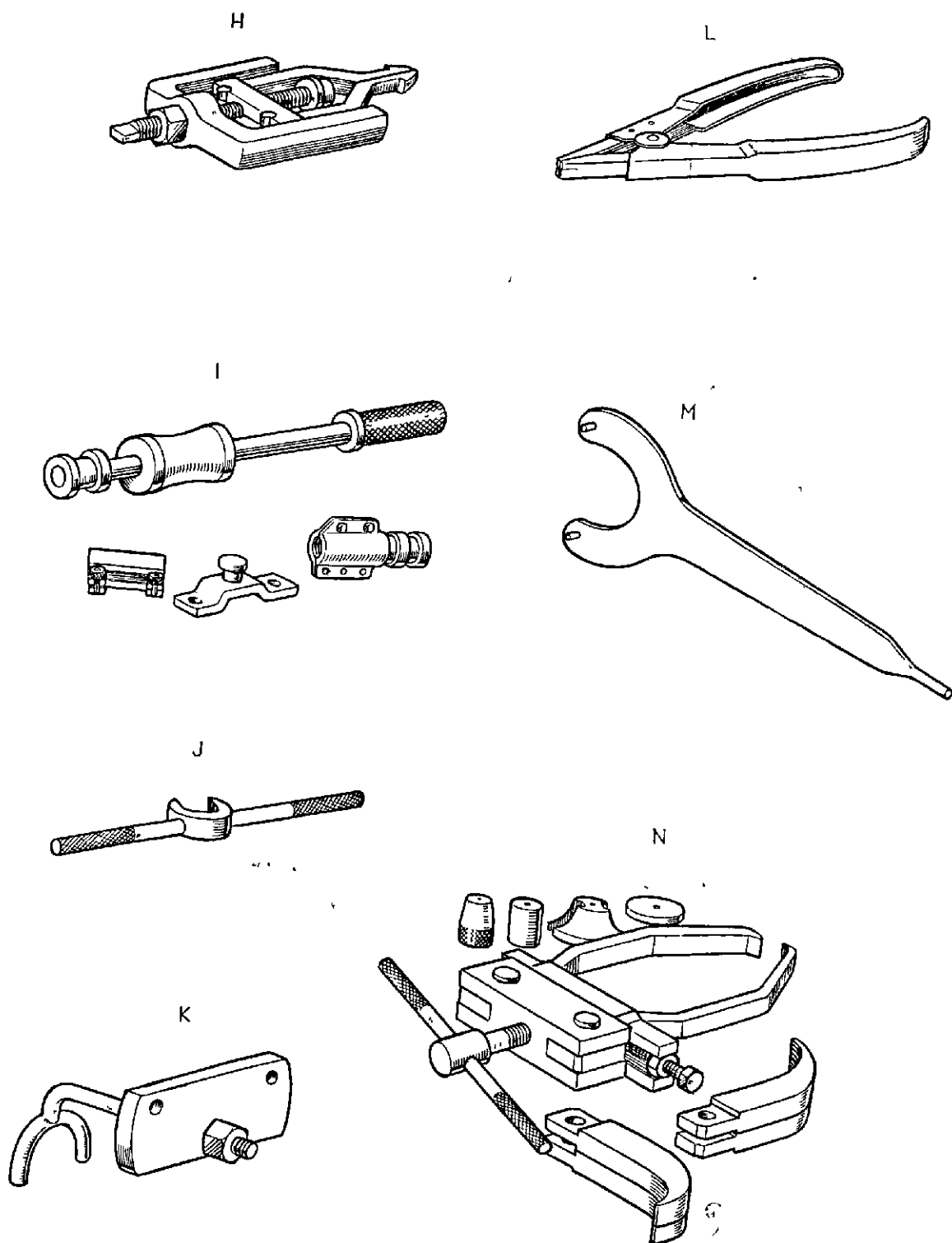
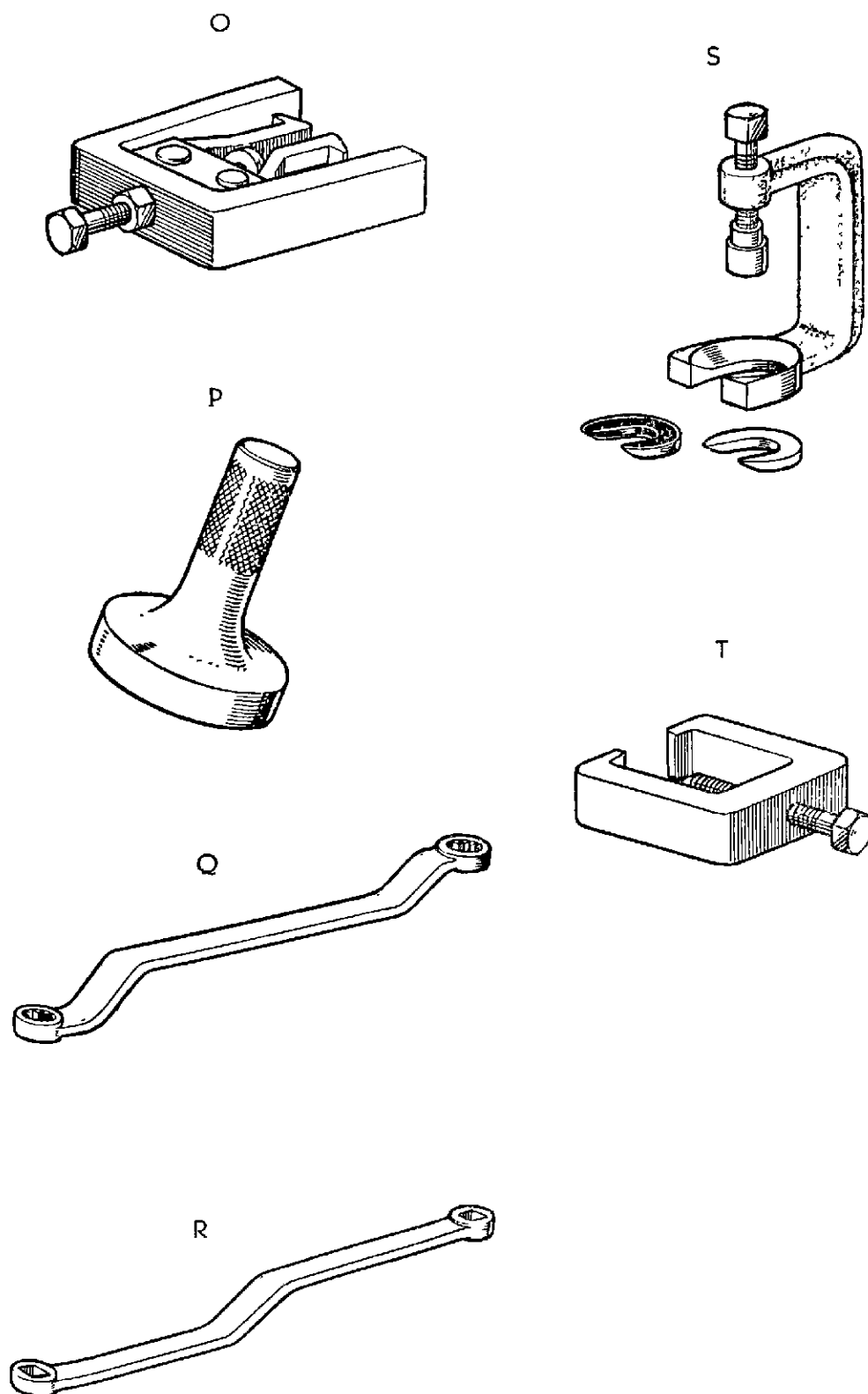


FIG.—71 SPECIAL SERVICE TOOL



1007 SPACE FOR MEMO.

I N D E X

1. Use this index in case the PARTS No. of any required part is known.
2. The order of PART Numbers listed herein has nothing to do with marks such as F, 2BJ, FJ25 attached in front and -5, -10 in rear.

Note: Marks attached in front show Models (Years) of vehicle, and marks attached in rear show oversize etc.

3. Toyota Universal Parts including bolts, screws, nuts, washers and cotter pin are specifically grouped at the back of this index.

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1063	24		1668	22	9-D	3117	67	28-L
1085	30	13-N	1669	22	9-F	KB 3119	67	28 AE
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1141	16	7-H	1675	24	10 N	3250	77	33-AG
1143	17	7-P	1676	24	10 L	3273	77	33-AI
1145	17	7-Q	1677	24	10 M	3278	77	33 X
1147	20	8 AO	1678	22	9 P	3279	77	33 AK
1148J	20	8-AG	1679	22	9 Q	3282	77	33-U
1149	20	8 AT	1748	64	26 H	3282	83	36-Z
1150	20	8 AU	1749	64	26-F	3285	75	32-Y
1159	14	6-AP	1758	24	10-B	3286	75	32 AJ
1160	14	6-AP	1759	24	10 C	3291	77	33 V
1161	14	6-AL	1886	28	12-AA	3291	83	36-AA
1168	14	6 AW	1887	28	12-Z	3293	77	33 AJ
1179	16	7-B	1888	28	12-AB	3294	75	33 C
1238	14	6-AQ	1898	30	13-O	3295	75	32 AP
1281	13	6-X	1933	35	15-Q	3296	75	32-AO
1283	20	8 AV	1942	35	15-AA	3297	75	32 V
1288F	13	6-G	1950	35	15 AB	KC 3404	87	38-J
1292	17	7-AG	1951	35	15-U	KC 3407	87	38 B
1293	17	7-AK	1952	37	16-N	AKC 3407	87	
1298	14	6-AJ	1954	35	15-W	KC 3408	87	38 C
1417	17	7-U	1955	35	15-G	KC 3409	87	38 D
1422	17	7-Z	1956	37	16-J	KC 3410	87	38-E
1424	17	7-AA	1961	26	11 U	KB 3411	87	38-A
1424	20	8-AN	2109	52	21-V	KC 3412	87	38 G
1424	83	36-V	2121	50	20 U	KC 3424	81	35-AL
1424	110	49 AB	2144	131	58-P	3508	91	41 E
1435	67	28-Y	2145	52	21-AA	3508	99	45 E
1436	17	7 W	2146	52	21 X	3520	91	41 D
1441	17	7-S	2148	52	21-AB	3520	99	45 D
1503	20	8 AS	2149	52	21-Y	3521	91	41 B
1503-2	20	8-AS	2154	52	21 B	3521	99	45 B
1509	19	8-R	2342	24	10-F	3576	91	41-G
1511	19	8 A	2342	41	18 A	3576	99	45 G
1528	20	8-AI	2342	42	18-A	3606	95	42-H
1532	20	8 AJ	2342	43	18-A	AE 3607	95	42 N
1536	19	8-T	2343	42	18-AF	AE 3607	103	46-AY
1537	19	8 V	2343	43	18-AF	3611	90	40-F
1538	19	8-C	2343	44	18-AF	3611	98	44 B
1539	19	8 B	2344	50	20-Q	3624	95	42-A
1541	19	8-Y	2345	50	20-R	KB 4011	13	6-O
1543	19	8-Q	2466	39	17-G	KB 4052	111	49 BG
1544	19	8-P	KB 2509	37	16-D	KB 4053	91	41-N
1545	19	8-L	KB 2821	30	13-T	KB 4053	99	45-N
1547	19	8-AA	KB 2822	30	13-AA	KB 4054	70	30 H
1548	20	8-AB	KC 2831	32	14 R	KB 4125	119	53 M
1552	20	8-AC	KC 3042	87	38-K	KB 4135	13	6-P
1554	20	8 AR	KC 3044	87	38-L	4415	95	42-F
1555	20	8-AM	KC 3045	87	38 I	KB 4446	115	51-T
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4535	109	49-I	F 11710-20	18		F 13002-20	16	
4631	50	20-Z	F 11710-30	18		F 13002-30	16	
4675	50	20-AA	F 11710-40	18		F 13002-40	16	
KC 4706	85	37-W	F 11712	17	7-AB	F 13002-50	16	
KC 4712	85	37-AA	F 11714	17	7-AH	F 13002-60	16	
KC 4713	85	37-AB	F 11716	17	7-AP	F 13111	16	7-I
5107	55	22-Q	F 11718	17	7-AW	F 13301	16	
5110	55	22-O	F 11751	17	7-AC	F 13301-10	16	
5116A	55	22-V	11754	17	7-AT	F 13301-20	16	
5142	55	22-D	F 11771	17	7-AX	F 13301-30	16	
5143	55	22-G	BX 11775	17	7-AE	F 13301-40	16	
5145	55	22-K	BX 11776	17	7-AU	F 13301-50	16	
5146	55	22-M	11791	17	7-AR	F 13301-60	16	
5147	55	22-N	11793	17	7-AQ	F 13412	16	7-F
5154A	56	22-AV	11794	17	7-AS	F 13421	16	7-E
5158	56	22-AQ	BX 11795	17	7-AD	F 13512	16	7-D
5159	56	22-AR	BX 11795-0	17	7-AD	F 13521	16	7-C
5180B	56	22-AX	BX 11796	17	7-AJ	F 13611	16	7-G
5181B	56	22-AW	BX 11796-0	17	7-AJ	F 13691	16	7-K
5265	60	24-AG	BX 11797	17	7-AV	F 13700	16	
5267	60	24-D	BX 11797-0	17	7-AV	F 13721	16	7-M
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5284	60	24-A	F 11810A-30	20		F 13762	17	7-AM
5339	33	14-AE	F 11810A-40	20		FJ25 14000	11	
5407	33	14-AG	F 12101	13	6-H	FJ25L 14000	11	
5416	32	14-J	F 12101	30		F 14030	19	
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F 11114	13	6-B	F 12307	14		F 14161	17	7-T
F 11120	13		FJ25 12311	13	6-Z	F 14181	17	7-V
F 11151	33	14-AI	F 12332	14	6-A1	F 14211	17	7-Y
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S 11187	85	37-B	F 12354	14	6-AG	F 14512	20	8-AH
F 11213	13	6-A	F 12355	14	6-AF	F 14522	20	8-AG
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F 11401A	14		BJ20 12801	33	14-AH	F 14606	19	8-W
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BX 11461	14	6-AN	BX 12802	32	14-R	F 14702	19	
S 11472	14	6-AY	BJ20 12810	33		F 14711	19	8-N
F 11511-160	14	6-BC	BX 12820	32	14-R	F 14712	19	8-X
F 11511-180	14	6-BC	F 12821	32	14-U	F 14752	19	8-D
F 11511-200	14	6-BC	FJ25 13000	11		F 14753	19	8-M
BX 11551	14	6-BD	FJ25L 13000	11		F 14754	19	8-F
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FJ25	15102	22	9-X	B	16560	29	13-B	2BJ	22100	30	13-J
F	15111	22	9-R	2BJ	17100	35		2BJ	22161	30	13-AB
S	15143	108	47 AG	FJ	17111	35	15-J	FA	22201	30	13 I
F	15153	22	9-J	FX	17151	35	15-X	FA	22242	30	13-Y
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F	15313	24	10-U	BX	17211	35	15-P	FJ24	23101	37	
S	15317	24	10-Q	F	17211	35	15-B	FJ24	23111	37	16-O
F	15321	24	10-S	F	17212	35	15-D	BJ	23130	37	16-P
F	15331	24	10 R	BX	17213	35	15-M	FJ24	23181	37	16-Q
F	15341	24	10-O	BX	17216	35	15-N	BL	23211	37	16-I
F	15342	24	10-P	BX	17217	35	15-O	FJ24	23211	37	16-F
F	15504	24		BX	17221	35	15-S	FJ24	23212	37	16-E
F	15511	22	9-W	F	17301	35		F	23213	37	16 K
F	15513	22	9-U	F	17341	35	15-C	BQ	23214	37	16 H
F	15514	22	9-V	F	17342	35	15-A	F	23214	37	16-L
F	15526	24	10-O	BRT	17381	93	41 V	F	23215	37	16 M
F	15527	24	10-A	BRT	17381	101	45-V	2BJ	23201	39	17-E
F	15528	19	8-O	BX	17461	35	15-I	F	23301	39	17-A
F	15529	24	10-E	BX	17462	35	15-H	2BJ	23302	39	17-B
	15604	26	11 S	BRT	17887	93	41-V	BX	23302	39	17-D
	15606	26	11-M	BRT	17887	99	45-V	2BJ	23310	39	
R	15616	26	11-V		18101	28	12-K	BJ25L	23310	39	
	15620	26		FA70	18101	55	22-AC	2BJ	23320	39	
T-	15620	26		FA70	18113	55	22-E	BJ25L	23320	39	
	15644	26	11-I	BX	18141	60	24-X	FA	23329	39	17-F
	15646	26	11-G	F	18181	50	20-T	2BJ	23331	39	17-C
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HOW TO USE THE INDEX

FOR TOYOTA UNIVERSAL PARTS

1. Toyota universal Parts used for Models FJ28 and FJ28L are specifically grouped in this index so that they can be traced easily in this catalog.
2. Different from the part numbers of ordinary parts, the part numbers of Toyota Universal Parts represent the outlines of their individual shapes measurements and special treatments incorporated therein.

Please refer to the following explanation of the parts concerned:

B o l t

J	B	N	0 6	1 5	Z
Shape of Head	Initial of Bolt	Material	Diameter of Screw Part	Length Excluding Head	Plating or other Treatment

It is self-explanatory that this part JBN 0615Z is a standard JES (Japan Engineering Standard) bolt with screw diameter of 6mm and length of 15mm excluding head, also, it is made of soft steel (N), zinc plated (Z).

S c r e w

S	R	0 4	1 0	Z
Initial of Screw	Shape of Head	Diameter of Screw Part	Length	Plating or other Treatment

This part SR 0410Z is a screw of a round head with the screw diameter of 4mm and length of 10mm excluding head, zinc plated.

N u t

C	N	N	1 6	1 2	T
Shape of Nut	Initial of Nut	Material	Diameter of Screw Part	Height	Plating or other Treatment

This part CNN 1612T is a nut made of soft steel with screw diameter of 16mm and height of 12mm, also, with special hexagon head.

Washer

P	W	L	2	5	0	8	Z
Kind of Washer	Initial of Washer	Shape of Section	Japanese Way of reading Diameter		American Way of reading Diameter		Anticor- rosive Treatment

This part PWL 2508Z is a $\frac{5}{16}$ inch steel washer for 8mm screw, zinc plated.

Cotter pin

W	P	2	0	1	5
Shape of Cotter pin	Initial of Cotter pin	Diameter 2.0mm $\times$ 10		Length Excluding Head	

This part WP 2015 is a cotter pin with diameter of 2.0mm and length of 15mm.

Rivet

M	R	0	8	2	5
Shape of Head	Initial of Rivet	Diameter of Neck		Length Excluding Head	

This part MR 0825 is a round head rivet with neck diameter of 8mm and length of 25mm.

PART NUMBER	PAGE	FIGURE NUMBER	PART NUMBER	PAGE	FIGURE NUMBER	PART NUMBER	PAGE	FIGURE NUMBER
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B O L T

JBN

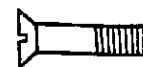
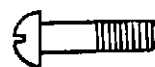
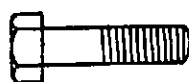
TBK

MBN

SBN

YBN

YBK



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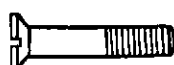
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SCREW

SF



SP



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NUT

JNN

TNN



FNT



LNN



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W A S H E R

PWL



SWH



IW



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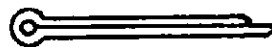
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COTTER PIN

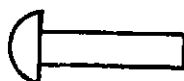
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R I V E T

MR



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Prepared by

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