

SECTION E



HYDRAULIC BRAKES

MECHANICAL BRAKES

DESCRIPTION	No. off per Car	Commencing Chassis No. TD0251		Part No.	Commencing Chassis No.	Part No.	Commencing Chassis No.	REMARKS
		Part No.	Illus. No.					
BRAKE GEAR (LOCKHEED HYDRAULIC)								
Master cylinder and tank assembly	1	17H7307	D7					
Cylinder and tank (bare)	1	7H7934						
Drain plug	1	7H7435	D8					
Gasket—drain plug	1	7H7436	D9					
Valve assembly	1	39731	D10,					
			D12					
Washer—valve	1	7H7489	D12					
Cup—valve	1	7H7022	D11					
Valve body	1	7H7488	D10					
Spring (with retainer)—piston return	1	7H7926	D13					
Retainer	1	7H7487						
Cup—piston	1	7H7485	D14					
Washer—piston	1	7H7484	D49					
Piston—master cylinder	1	7H7925	D15					
Cup—piston secondary	1	7H7490	D16					
Stop—piston	1	7H7025	D17					
Circlip—stop	1	7H7402	D18					
Boot—master cylinder	1	7H7016	D19					
Push-rod—master cylinder	1	27H7143	D20					
Filler plug assembly	1	17H7458	D21					
Gasket—filler plug	1	17H7091	D22					
Adaptor—master cylinder	1	68683	D23					
Gasket—master cylinder	1	3H2287	D24					
Hose assembly	3	68680	D25					N.A. Fin. at 28950
Stop light switch	1	3H1894						
Locknut—hose	3	2K8686	D29					
Gasket—hose	3	3H2287	D24					
Lock washer—hose	3	AJD7611	D28					
Four-way piece	1	68651	D26					
Three-way piece	2	27H7165	D27					
AMENDMENTS								
BRAKE PIPES								
Pipe ($\frac{3}{8}$ " o/d x 25" long) with 2 tube nuts (master cylinder to 4-way)	1	AJD50	D30					
Pipe ($\frac{3}{8}$ " o/d x 46" long) with 2 tube nuts (4-way to 3-way)	1	AJD92	D31					
Pipe ($\frac{3}{8}$ " o/d x 23" long) with 2 tube nuts (front 3-way to R/H front hose)	1	AJD46	D32					
Pipe ($\frac{3}{8}$ " o/d x 10" long) with 2 tube nuts (front 3-way to L/H front hose)	1	AJD20	D33					
Pipe ($\frac{3}{8}$ " o/d x 10" long) with 2 tube nuts (front wheel cylinder to bridge)	2	AJD20	D33					
Pipe ($\frac{3}{8}$ " o/d x 51" long) with 2 tube nuts (4-way to rear hose)	1	17H7014	D34					
Pipe ($\frac{3}{8}$ " o/d x 42" long) with 2 tube nuts (axle hose bracket to R/H rear)	1	AJD84	D35					


DESCRIPTION	No. off per Car	Commencing Chassis No. TD0251		Part No.	Commencing Chassis No.	Part No.	Commencing Chassis No.	REMARKS
		Part No.	Illus. No.					
Brake Pipes—continued								
Pipe (3/8" o/d x 31" long) with 2 tube nuts (axle hose bracket to L/H rear) ...	1	AJD62	D36					
Clip—pipe to side-member	5	95098						
Banjo clips (4 pipe to rear axle, 1 pipe to cross-member)	5	5873						
Clip—pipe to cross-member	1	54516						
AMENDMENTS								
 BRAKE GEAR (FRONT AXLE)								
Backplate assembly—R/H	1	27H7281	E1					
Backplate assembly—L/H	1	27H7282	E2					
Spring—shoe pull-off	4	27H7159	E3					
Mask—shoe adjuster	4	7H7930	D37					
Adjuster—brake-shoe	4	7H7931	D38					
Nut—cylinder to plate	8	7H7355						
Spring washer	8	7H7368						
Shim	8	68960						
Front brake-shoe (lined)	4	AJH5193	E4					
Lining—with rivets (kit for 2 wheels)	1 box	79151						
Front wheel cylinder assembly	4	68593						
Body with studs and abutment	4	27H7271	D39					
Piston and dust cover assembly	4	27H7270	D40					
Cup—piston	4	7H7923	D41					
Cup filler	4	7H7940	D42					} Both parts must be supplied
Spring—cup filler	4	7H7939	D42					
Banjo connection—forward R/H	1	68598	D43					
Bolt—connection	1	7H7847	D45					
Bleeder screw	1	27H7166	D46					
Gasket—banjo bolt—small	1	3H2287	D47					
Gasket—banjo bolt—large	1	3H550	D48					
Banjo connection—forward L/H	1	68597	D44					
Bolt—connection	1	7H7847	D45					
Bleeder screw	1	27H7166	D46					
Gasket—banjo bolt—small	1	3H2287	D47					
Gasket—banjo bolt—large	1	3H550	D48					
Banjo connection—rearward	2	27H7189	E5					
Bolt—connection—rearward	2	27H7167	E6					
Gasket—banjo bolt—small	2	3H2287	E7					
Gasket—banjo bolt—large	2	3H550	E8					
AMENDMENTS								

DESCRIPTION	No. off per Car	Commencing Chassis No. TD0251		Part No.	Commencing Chassis No.	Part No.	Commencing Chassis No.	REMARKS
		Part No.	Illus. No.					
BRAKE GEAR (REAR AXLE)								
Backplate assembly—R/H	1	17H7070	E9					
Backplate assembly—L/H	1	17H7071	E10					
Brake-shoe steady pad	4	300989						
Steady spring	4	7H7927						
Spring—shoe pull-off	2	27H7159	E3					
Spring—shoe tension	2	27H7278	E11					
Mask—shoe adjuster	2	7H7930	E12, D37					
Adjuster—brake-shoe	2	7H7931	E13, D38					
Abutment strip	2	7H7932						
Nut—cylinder to plate	4	7H7355						
Spring washer	4	7H7368						
Shim	4	68960						
Rear brake-shoe (lined)	4	AJH5193	E14					
Lining—with rivets (kit for 2 wheels)	1 box	79151						
Rear wheel cylinder assembly	2	27H7394						
Body and abutment strip	2	7H7942	E15					
Piston and dust cover	2	7H7973	E16					
Piston (hydraulic)	2	7H7928	E17					
Cup—piston	2	7H7923	E18					
Cup filler	2	7H7940	E19					
Spring—cup filler	2	7H7939	E19					Both parts must be supplied
Boot—wheel cylinder	2	68847	E20					
Hand brake lever	2	27H7305	E21					
Pivot pin—hand brake lever	2	7H7929	E22					
Banjo connection	2	27H7189	E5					
Bolt—connection	2	27H7167	E6					
Bleeder screw	2	27H7166						
Gasket—banjo bolt—small	2	3H2287	E7					
Gasket—banjo bolt—large	2	3H550	E8					
AMENDMENTS								
HAND BRAKE ASSEMBLY								
Hand brake assembly	1	136259						
Lever assembly	1	136261	E23					
Ratchet assembly	1	300216	E24					
Hand brake pawl	1	136263	E25					
Pawl rod—hand brake	1	136260	E26					
Bolt	2	136262						
Hand grip	1	ACC8958	E27					
Bush for rod	1	ACC8960	E28					
Spring—lever knob	1	ACA5255	E29					
Washer—spring	1	ACC8959	E30					
Knob—pawl rod	1	ACC8956	E31					
Fulcrum pin	1	127001	E32					
Washer—fulcrum pin	1	ACA5240	E33					
Trunnion—hand brake	1	84276	E34					
Twin cable abutment	1	84452	E35					
Adjuster nut—brake cable	2	3463	E36					
Spring for adjuster nut	2	3452						
Cable—hand brake	2	136184	E37					
Clevis pin	2	128836	E38					
AMENDMENTS								

KEY TO PLATE D

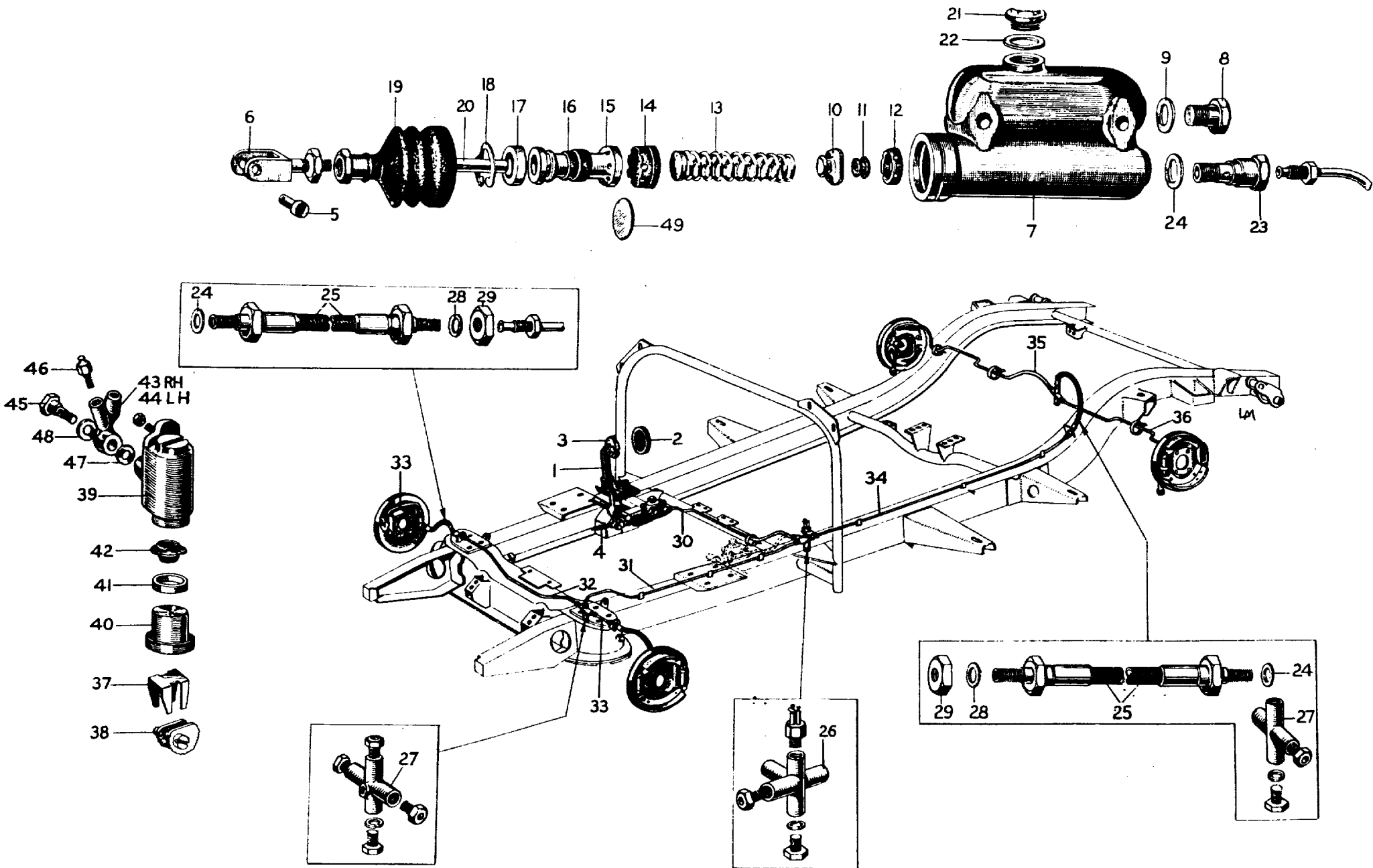
Illus. No.	Description	Page No.
D1	Brake pedal and bush	D.2
D2	Pad—rubber—brake pedal	D.2
D3	Pad—brake pedal.....	D.2
D4	Return spring—brake pedal	D.2
D5	Pin—brake pedal	D.2
D6	Fork end master cylinder	D.2
D7	Master cylinder and tank assembly.....	E.2
D8	Drain plug	E.2
D9	Gasket—drain plug	E.2
D10	Valve assembly	E.2
D11	Cup—valve	E.2
D12	Washer—valve	E.2
D13	Spring (with retainer)—piston return	E.2
D14	Cup—piston	E.2
D15	Piston—master cylinder	E.2
D16	Cup—piston secondary	E.2
D17	Stop—piston	E.2
D18	Circlip—stop	E.2
D19	Boot—master cylinder	E.2
D20	Push-rod—master cylinder	E.2
D21	Filler plug assembly	E.2
D22	Gasket—filler plug	E.2
D23	Adaptor—master cylinder	E.2
D24	Gasket—master cylinder	E.2

Illus. No.	Description	Page No.
D25	Hose assembly	E.2
D26	Four-way piece	E.2
D27	Three-way piece.....	E.2
D28	Lock washer.....	E.2
D29	Locknut—hose	E.2
D30	Pipe (master cylinder to 4-way)	E.2
D31	Pipe (4-way to 3-way)	E.2
D32	Pipe (front 3-way to R/H front hose pipe)	E.2
D33	Pipe (front 3-way to L/H front hose)	E.2
D34	Pipe (4-way to rear hose)	E.2
D35	Pipe (axle hose bracket to R/H rear)	E.2
D36	Pipe (axle hose bracket to L/H rear).....	E.3
D37	Mask—shoe adjuster	E.3
D38	Adjuster—brake-shoe	E.3
D39	Body with studs and abutment	E.3
D40	Piston and dust cover assembly	E.3
D41	Cup—piston	E.3
D42	Cup filler	E.3
D43	Banjo connection—forward R/H	E.3
D44	Banjo connection—forward L/H	E.3
D45	Bolt—connection	E.3
D46	Bleeder screw	E.3
D47	Gasket—banjo bolt—small	E.3
D48	Gasket—banjo bolt—large	E.3

THE  MIDGET (SERIES "TD")
BRAKES (HYDRAULIC)

SERVICE PARTS LIST

PLATE D



KEY TO PLATE E

Illus. No.	Description	Page No.
E1	Brake gear (front axle) back plate assembly —R/H	E.3
E2	Brake gear (front axle) back plate assembly —L/H	E.3
E3	Spring—shoe pull-off	E.3
E4	Front brake-shoe—lined—complete	E.3
E5	Banjo connections	E.3
E6	Bolt—connection	E.3
E7	Gasket—banjo bolt—small	E.3
E8	Gasket—banjo bolt—large	E.3
E9	Brake gear (rear axle) back plate assembly —R/H	E.4
E10	Brake gear (rear axle) back plate assembly —L/H	E.4
E11	Spring—shoe tension	E.4
E12	Mask—shoe adjuster	E.4
E13	Adjuster—brake-shoe	E.4
E14	Rear brake-shoe—lined—complete	E.4
E15	Body and abutment strip	E.4
E16	Piston and dust cover	E.4
E17	Piston (hydraulic)	E.4
E18	Cup piston	E.4

Illus. No.	Description	Page No.
E19	Cup filler	E.4
E20	Boot—wheel cylinder	E.4
E21	Hand brake lever	E.4
E22	Pivot pin—hand brake lever	E.4
E23	Lever assembly	E.4
E24	Ratchet assembly	E.4
E25	Hand brake pawl	E.4
E26	Pawl rod—hand brake	E.4
E27	Hand grip	E.4
E28	Bush for rod	E.4
E29	Spring—lever knob	E.4
E30	Washer—spring	E.4
E31	Knob—pawl rod	E.4
E32	Fulcrum pin	E.4
E33	Washer—fulcrum pin	E.4
E34	Trunnion—hand brake	E.4
E35	Twin cable abutment	E.4
E36	Adjuster nut—brake cable	E.4
E37	Cable—hand brake	E.4
E38	Clevis pin	E.4
E39	Wheel stud	A.3
E40	Nut—wheel stud	A.3

SERVICE PARTS LIST


THE  MIDGET (SERIES "TD")
BRAKES (MECHANICAL)

PLATE E

