

Solar Tech Derail Operator



The Western-Cullen-Hayes Solar Tech Derail Machine is a stand alone 12 volt machine using a linear actuator and toggle link system to move a Model HB sliding derail. The toggle and spring feature of our machine requires minimal electrical current for maximum battery life. The emergency hand throw lever, which is standard equipment, requires less than 50 pounds of effort to operate a typical derail. As the name implies, the Solar Tech is solar powered but it can be equipped to operate on straight 12-volt electrical power. Optional radio control is available for the Solar Tech.

WESTERN-CULLEN-HAYES, INC.

2700 W. 36th Place
(773) 254-9600

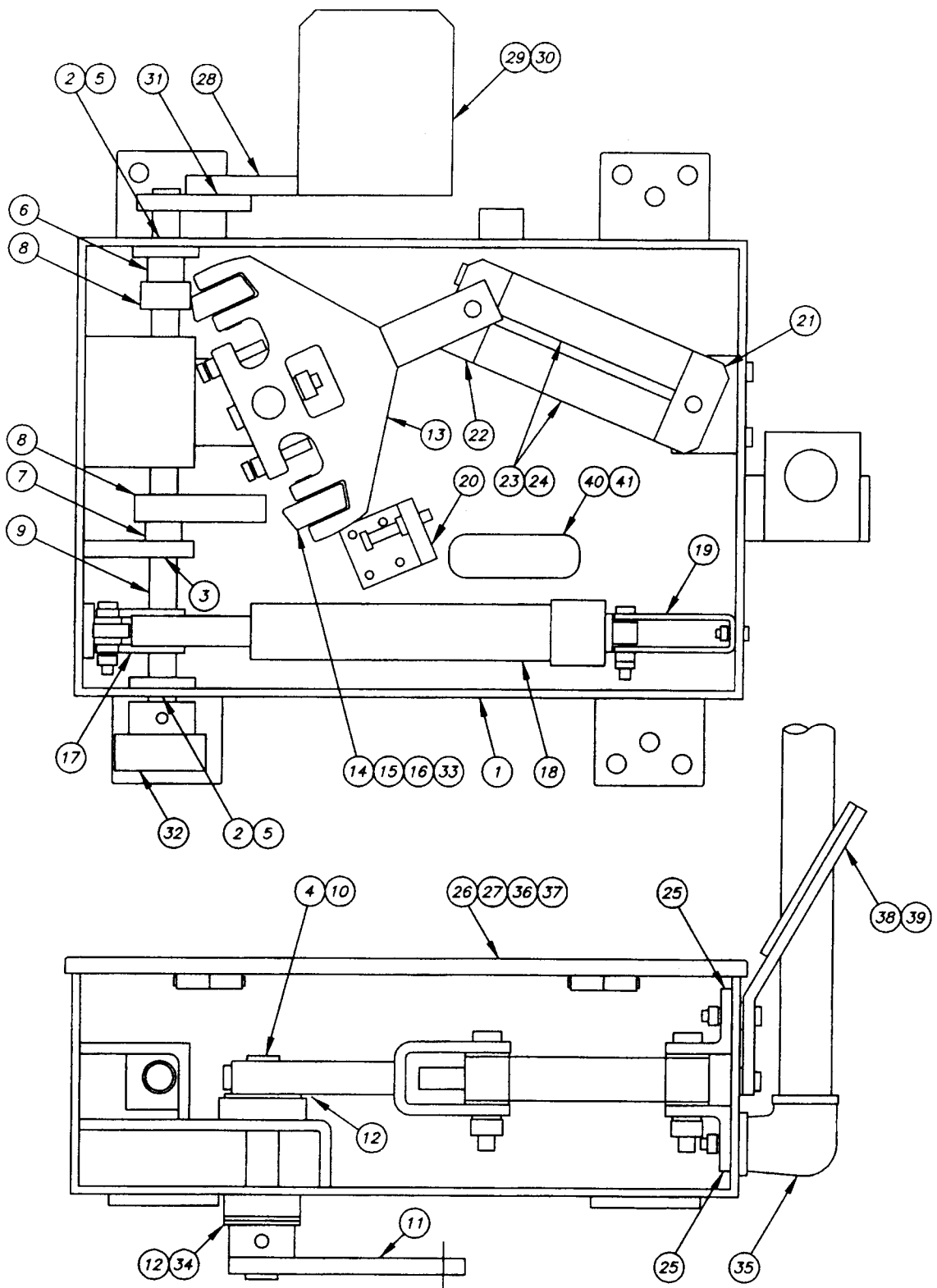
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Solar Tech Derail Operator Parts

Ref	Description	Part No.
1	Derail Operator Case	81-1002
2	Camshaft Bushing	81-1003
3	Camshaft Bushing	81-1004
4	Mainshaft Bushing	81-1005
5	Camshaft Seal	81-1020
6	Cam Spacer	81-1021
7	Cam Spacer	81-1022
8	Cam - Machined	81-1023-M
9	Camshaft	81-1024
10	Mainshaft	81-1025
11	Bottom Crank	81-1026-M
12	Thrust Washer	81-1029
13	Toggle Lever	81-1030-M
14	Toggle Roller	81-1033
15	Roller Bushing	81-1034
16	Roller Axle	81-1035
17	Actuator Crank	81-1036-M
18	Ball Screw Actuator	81-1039
19	Actuator Bracket	81-1040
20	Spring Adj. Bracket	81-1041
21	Spring Rod Guide	81-1042

Ref	Description	Part No.
22	Spring Rod Guide	81-1043
23	Spring Rod	81-1044
24	Compression Spring	81-1045
25	Spring Link Bracket	81-1046
26	Cover Assembly	81-1047
27	Cover Gasket	81-1054
28	Target Staff	81-1055
29	Target Vane - Red	81-1056
30	Target Vane - White	81-1057
31	Target Drive Hub	81-1058
32	Hand Lever Socket	81-1059
33	Thrust Washer	81-1062
34	1-1/2 Plain Washer	PP-00-AX-3
35	2" Street Elbow	RM-117-00009
36	Cover Stop Chain	MC-126-00069
37	Stop Chain Terminal	81-1064
38	Mast Bracket	81-1065
39	Mast Lock Coller	81-1066
40	Terminal Strip Assy	2507-12
41	Terminal Stand	70-0161