

REPAIR PRICE LIST NO. 9516C

Sheffield Hand and Push Cars

PRICES SUBJECT TO CHANGE
WITHOUT NOTICE

May, 1922



FAIRBANKS, MORSE & CO.

(INCORPORATED)

(Second Edition.)

(Copyright, 1922, by Fairbanks, Morse & Co.)

**From the collection of
railroadhandcar.com**

INDEX

— OF —

Sheffield Hand and Push Car

Price List

—

No. 1 Hand Car.....	10, 11, 12, 13, 14
No. 2 Hand Car.....	14, 15
No. 9 Hand Car.....	16, 17, 18, 19
No. 20 Hand Car.....	19
No. 28 Bridge Gang Car	20, 21, 22, 23
No. 31 Hand Car.....	24, 25, 26, 27
No. 45 Hand Car.....	27, 28, 29, 30
No. 47 Hand Car	31, 32, 33, 34
No. 139 Hand Car.....	35, 36, 37, 38
No. 4 Push Car.....	38, 39, 40, 42
No. 18 Push Car.....	40, 41, 42
No. 12 Push Car.....	43, 44, 45
No. 32 Push Car.....	42, 43
No. 33 Push Car	46, 47
No. 111 Track Laying Car	48, 49
Roller Bearings.....	50
Insulations	50, 51

NUMERICAL INDEX

— OF —

SHEFFIELD HAND and PUSH CAR PARTS

NOTE:—The figures in Page Columns refer to the numbered pages following, where descriptions and classification of parts are given.

Symbol	List	Page	Symbol	List	Page	Symbol	List	Page
W 26	\$20.00	48	H170	\$4.40	13	H275	\$1.50	10
H 41	4.10	44	H171	2.40	14	H276	1.00	10, 16
H 42	.80	40	H173	.10	10	H277	.90	10
H 46	13.70	48	H178	.30	13, 19, 23	H278	2.65	19
H 53	1.80	30, 32		.30	27, 30, 34	H279	6.60	10
H 54	.14	30, 32		.30	38, 40	H289	.25	12, 18, 26
H 76	.85	50	H186	.14	12, 18, 26		.25	30, 34
H 80	1.45	13		.14	36	H290	.40	22
H 81	.50	13	H203	.40	13, 19	H294	.16	19
H109	5.00	13, 19, 26	H204	.40	26, 36	H296	Price on Application	44, 46
	5.00	36	H206	.50	42	H297	.40	12, 18, 22
H110	2.20	13	H207	.40	12, 18, 26	H302	Price on Application	44, 46
H122	5.60	14		.40	30, 32, 36	H322	.30	22
H123	3.60	14	H211	.40	13, 19, 26	H323	.25	22
H128	.20	38, 42	H212	.40	30, 34	H324	.80	22
H129	.20	38, 42	H215	.70	22	H326	.20	22
H134	.35	13, 19, 27	H216	.70	22	H328	.75	22
	.35	36	H219	.55	42	H331	.35	23
H135	.40	13, 19, 27	C227	3.35	48	H332	.35	23
	.40	36	C228	.85	48	H333	.55	23
H138	.15	10, 16	H230	.15	28, 31	H334	1.35	23
H140	.05	13, 19, 23	H231	2.00	32	H335	.10	23
	.05	27, 30, 34	H232	1.60	32	H338	1.40	50
	.05	38, 40	H242	.10	10, 38	H346	.24	40
H141	.07	13, 19, 23	H244	.25	10	H363	6.50	22
	.07	26, 30, 38	H251	.50	12	H380	.85	44, 46
	.07	40	H252	.90	12, 26	H500	6.35	12, 18, 26
H145	.15	23	H253	.25	12, 26		6.35	30, 34
H147	.40	12, 18, 22	H254	.45	12, 18, 26	H501	8.50	12, 18, 26
H148	.40	26, 36	H255	.20	12, 13, 18	H502	.50	12, 18, 26
H150	.10	12, 18, 22		.20	22, 26, 30	H503	.40	12, 18, 26
	.10	26		.20	34		.40	30, 34
H160	5.75	13	H258	.15	44, 46	H504	3.90	12
H161	1.65	13	H259	.16	13, 27, 30	H506	.14	12, 18, 22
H163	.35	22	H263	.30	12, 18, 26		.14	26
H165	.40	23		.30	36	H507	.14	12, 18, 22
H168	.25	12, 18, 26	H267	.75	44, 46		.14	26, 36
	.25	36	H268	.40	44, 46	H508	.65	12
H169	.15	12, 18, 26	H272	.05	12, 18, 30	H509	.65	18, 30
	.15	36		.05	32	H510	.65	26
			H274	1.50	10			

Numerical Index of Sheffield Hand and Push Cars

Symbol	List	Page	Symbol	List	Page	Symbol	List	Page
H511	\$.40	22	H709	\$.35	38	H899	\$.30	34
H512	.20	13, 19, 26	H719	1.85	35	H900	.25	34
	.20	30, 34, 36	H720	1.85	35	H901	.75	34
H513	3.25	22	H722	.30	35	H902	.50	51
H515	.05	12, 18, 22	H723	1.10	35	H903	.50	51
	.05	26, 28, 32	H724	1.20	35	H904	1.10	34
	.05	36	H725	.50	35	H905	1.10	34
H516	.25	12, 26	H726	12.00	35	H906	.15	34
H519	18.25	10	H738	.85	50	H907	.30	34
H520	22.50	19	H741	.10	50	H908	.30	34
H525	3.75	13	H742	.05	50	H909	.30	34
H526	4.20	13	H746	.25	28, 32	H910	.60	34
H531	5.30	13	H747	.12	30, 32	H911	1.30	34
H539	.55	14, 27	H748	.90	24	H918	.45	40
H545	.20	10, 16, 28	H749	.90	24	H920	.85	40
	.20	31	H750	2.50	13, 19, 26	H925	.95	40
H548	.20	12, 18, 26		2.50	36	H926	.70	40
H551	.75	14	H757	.15	34	H932	9.70	35
H552	.07	34	H769	10.00	12	H933	.90	35
H553	.07	34	H770	10.25	20	H934	1.40	35
H562	1.80	12, 18, 26	H796	.35	34	H935	.45	36
	1.80	36	H799	9.00	36	H936	.24	36
H563	3.60	14	H821R	1.10	32	H937	28.00	35
H568	.10	28, 31	H821L	1.10	32	H938	.14	36
H574	.10	28, 32	H822R	1.10	32	H939	.14	12, 18, 26
H576	4.10	30, 34	H822L	1.10	32		.14	36
H578	1.65	13	H824	1.10	34	H940	.25	18, 36
H594	1.80	22	H825	2.20	34	H941	11.50	36
H622R	1.00	48	H826	.40	34	H944	.50	35
H622L	1.00	48	H829	8.15	44	H946	.10	10, 16, 24
H633 }	.50	30	H832	.75	14		.10	35
H634 }		34	H833	.55	40	H947	.10	35
H635 }	.40	28	H848	.17	34	H948	.20	35
H636 }		32	H875	.45	36	H951	1.85	35
H637	3.00	14	H876	.20	50	H952	1.85	35
H642	.40	38, 42	H877	.20	51	H956	.90	35
H660	1.55	14, 27	H878	.25	51	H957	.16	12, 18, 22
H677	.65	36	H879	.25	51		.16	26, 30, 32
H679	Price on Application	23	H885	.50	12, 26		.16	36, 40, 42
H692	.25	36	H886	.15	51	H958	.04	12, 18, 22
H694	.10	30, 32	H887	.15	51		.04	26, 30, 32
H695	.12	28, 32	H888	.20	51		.04	36, 38, 42
H697	.05	30, 32	H889	.20	51	H959	.02	12, 18, 22
H700	.15	51	H895	.15	51		.02	26, 30, 32
H702	.30	51	H896	.15	51		.02	36
H704	.15	51	H897	.30	12, 18, 22	H960	.08	12, 13, 18
H706	.30	50		.30	26, 28, 32		.08	19, 22, 23
				.30	36		.08	26, 27, 28
			H898	.30	22		.08	32, 36

Numerical Index of Sheffield Hand and Push Cars

Symbol	List	Page	Symbol	List	Page	Symbol	List	Page
H961	\$.05	26, 36	H1102	\$1.35	24	H1218	\$2.75	20
H969	1.85	38	H1119	.50	22	H1219	3.75	20
H978	1.50	10	H1120	1.10	20	H1220	1.65	20
H979	1.50	10	H1122	.45	22	H1221	2.10	20
H980	1.00	10, 16	H1123	.20	22	H1222	11.90	20
H981	1.00	10, 16	H1132	8.00	22	H1223	.80	20
H982	1.00	10	H1133	11.50	22	H1224	3.90	20
H983	.10	10, 24	H1134	12.75	23	H1226	.24	22
H984	.20	10, 24	H1135	.50	22	H1229	.25	22
H985	.60	48	H1136	1.00	22, 36	H1230	13.50	23
H992	.25	12, 26	H1137	1.70	23	H1231	.35	23
H996 Price on Application.		13, 42	H1139	.20	28, 32	H1232	1.20	23
H1002	P. on A.	13, 42	H1140	.25	28	H1233	4.00	23
H1003	P. on A.	13, 42	H1145	.25	14	H1234	.80	23
H1004	P. on A.	12, 18, 26	H1150	8.50	30, 32	H1235	.55	23
	P. on A.	28, 32, 36	H1152	.50	30, 34	H1236	.12	23
	P. on A.	40, 42	H1154	.65	34	H1237	.12	23
H1010	P. on A.	13, 42	H1155	2.00	30, 34	H1238	.25	20
H1011	P. on A.	13, 42	H1157	.15	12, 26, 36	H1239	.25	20
H1012	P. on A.	13, 42	H1167	.18	30, 34	H1240	.20	22
H1013	P. on A.	13	H1172	.30	30, 32	H1242	.20	22, 44, 46
H1014	P. on A.	13	H1173	35.50	38		.20	50
H1015	P. on A.	13	H1174	2.70	38, 42	H1243	Price on Application.	22
H1031	4.70	13, 42	H1175	2.40	38	H1251	.65	22
H1056	8.00	22	H1176	1.75	38, 42	H1252	.12	23
H1057	7.00	22	H1177	8.25	38	H1253	.65	20
H1058	7.00	23	H1178	.60	38	H1254	25.00	43
H1059	6.00	23	H1179	1.15	38	H1255	21.00	46
H1076	.05	12, 18, 30	H1180	1.00	38	H1256	2.40	43, 46
	.05	32	H1181	.65	38	H1257	1.85	43
H1077	.20	13, 44, 46	H1182	.17	38, 42	H1258	1.65	46
H1078	20.75	16	H1186	.42	40	H1261	.85	43
H1079	1.70	16	H1187	.42	40	H1262	.70	46
H1080	1.70	16	H1194	1.70	48	H1263	1.15	43
H1081	1.00	16	H1197	.20	10, 18, 26	H1264	.65	46
H1082	1.35	16		.20	30, 32, 36	H1265	10.00	44
H1083	7.90	16	H1199	.07	12, 18, 22	H1266	9.00	46
H1084	.40	16		.07	26, 30, 32	H1267	1.85	43, 46
H1085	1.30	14		.07	36, 40, 42	H1268	6.25	46
H1087	3.90	18	H1200	10.40	14, 27	H1272	.80	44
H1088	.50	18, 36	H1202	.25	14	H1273	.75	46
H1089	.90	18	H1205	27.50	24	H1275	.80	42
H1090	.24	18	H1206	1.00	24	H1276	22.00	42
H1092	.25	18, 36	H1207	6.90	24	H1277	1.90	42
H1094	.35	19	H1209	3.90	26	H1280	7.40	42
H1097	.15	18, 50	H1215	.12	12, 18, 26	H1281	.50	42
H1099	1.50	24		.12	36	H1282	.95	42
H1100	1.50	24	H1216	.14	24	H1283	.50	42
H1101	.90	24	H1217	33.50	20			

Numerical Index of Sheffield Hand and Push Cars

Symbol	List	Page	Symbol	List	Page	Symbol	List	Page
H1284	\$1.70	50	H1403	\$.10	28	H1597	\$1.75	31
H1285	.05	50	H1407	10.00	28	H1598	1.00	31
H1286	.10	50	H1408	.08	30, 34	H1599	.10	31
H1313	.75	32	H1425	1.00	14, 27	H1600	.14	31
H1314	1.70	16	H1429	.15	13, 19, 30	H1601	7.50	31
H1315	1.70	16	H1430	.20	13, 19, 30	H1602	10.25	31
H1319	.10	16	H1431	.40	13, 19, 30	H1603	9.00	34
H1320	.25	16	H1432	.35	32	H1606	.55	32
H1321	10.00	18	H1439	.04	44, 46	H1607	.45	32
H1323	.50	18	H1440	2.80	13, 30	H1608	.25	32
H1325	1.70	14	H1442	.75	50	H1609	2.50	34
H1326	1.70	14	H1443	.75	51	H1611	.08	34
H1327	1.15	14	H1444	1.00	51	H1612	1.35	34
H1328	1.15	14	H1445	1.10	51	H1613	.06	34
H1329	1.30	14	H1459	.45	14	H1663	3.85	34
H1330	20.75	14	H1481	.15	27, 38	H1670	.24	32
H1331	.90	10	H1483	.15	27, 38	H1674	.50	22
H1332	1.15	16	H1484	.50	27, 36	H1681	10.00	24
H1333	.45	13	H1485	.15	27, 38	H1684	10.00	32
H1339	.30	12, 26	H1500	.05	19, 22	H1687	3.00	48
H1365	.14	28, 32	H1529	2.60	34	H1688	3.00	48
H1367	.30	18, 36	H1537	.10	40	H1689	4.40	48
H1369	.40	16	H1538	.10	40	H1690	1.25	48
H1370	.85	35	H1539	.65	40	H1691	2.70	48
H1371	3.90	35	H1540	6.75	23	H1692	.20	48
H1378	7.90	14	H1541	.12	22	H1693	.65	48
H1379	1.50	28	H1542	.40	22	H1694	1.42	48
H1380	1.50	28	H1543	1.35	23	H1695	33.00	48
H1381	1.50	28	H1544	.10	20	H1696	1.50	12
H1382	1.50	28	H1545	.10	20	H1697	1.50	12, 26
H1383	.90	28, 31	H1546	.20	20	H1698	1.50	18, 36
H1384	.90	28, 31	H1548	.14	22	H1699	1.50	18
H1385	.90	28, 31	H1549	.14	20	H1700	1.50	22
H1386	.90	28, 31	H1553	1.45	23	H1701	1.50	22
H1387	.40	28, 31	H1553	3.10	20	H1702	1.50	28, 32
H1388	.90	28	H1558	2.80	19	H1703	8.00	12, 18, 36
H1389	.90	28	H1567	3.10	27	H1704	8.00	30, 32
H1390	13.00	28	H1571	.40	24	H1705	7.50	26
H1392	.10	28, 31	H1572	1.50	24	H1707	9.50	22
H1393	.10	28	H1573	1.50	24	H1710	.30	22
H1394	.20	28	H1574	1.35	24	H1711	.30	28
H1395	.25	28, 32	H1575	3.50	36	H1712	.30	32
H1396	.14	28, 32	H1590	13.00	34	H1718	7.50	13, 19, 26
H1397	.85	28, 32	H1591	1.50	31		7.50	36
H1398	.50	28, 32	H1592	1.50	31	H1720	6.00	30, 34
H1399	.14	28, 32	H1593	1.50	31	H1728	10.00	22
H1400	3.90	28, 32	H1594	.90	31	H1730	14.60	31
H1401	.24	28	H1595	1.00	34	H1731	6.55	32
H1402	.50	28, 32	H1596	13.00	42	H1732	14.00	34

Numerical Index of Sheffield Hand and Push Cars

Symbol	List	Page	Symbol	List	Page	Symbol	List	Page
H1737	\$.85	50	H1825	\$28.75	16	HG5530	P. on A.	50
H1747	8.75	40	H1826	29.00	19	HG8362	P. on A.	50
H1750	13.40	40	H1827	34.50	24	H21657	Price on Application	50
H1753	1.70	50	H1828	45.50	20	H21658	P. on A.	50
H1755	21.70	40	H1829	24.50	28	H21673	P. on A.	50
H1761	6.60	28	H1830	25.50	31	H34233	\$.35	13, 27, 30
H1766	.90	27	H1831	25.50	34		.35	40
H1768	2.65	19	H1832	40.00	35	H34254	.35	38
H1781	1.70	50	H1833	24.75	38	H34982	6.00	12, 18, 30
H1812	2.25	50	H1834	32.00	42		6.00	32, 36
H1819	.75	13, 19, 27	H1835	36.50	43	H34983	5.00	12, 18, 30
	.75	36	H1836	31.50	46		5.00	32, 36, 40
H1820	.75	12, 18, 26	H1837	1.50	22	H35165	5.50	26
	.75	36	H1838	.75	22	H35166	4.70	26, 42
H1821	.67	38, 42	H1839	.75	28, 32	H415639	Price on Application	50
H1822	1.35	44, 46	H1842	Price on Application	44	H415640	P. on A.	50
H1823	25.00	10	H1844	P. on A.	50	H415645	P. on A.	50
H1824	28.75	14	H1845	P. on A.	50			

Remittance

Remittance in the form of draft, P. O. or Express Money Order should accompany orders from all persons with whom we have no open account. Do not send currency by mail.

C. O. D.

We will send goods C. O. D. only when remittance sufficient to pay transportation charges to destination and return, accompanies order.

Always specify whether to ship by freight, express or parcel post.

Mistakes we endeavor to avoid, but they will occur sometimes, and we are only too glad to correct any made by us.

There are a number of old style and extra parts which we have omitted from this list, as they are seldom used, and to list them here might lead to confusion.

If you are unable to find in this list such parts as you seem to require, write us giving full description and specifications, and we will undoubtedly be able to furnish and quote on what you want, providing it is anything we have made.

PLEASE READ

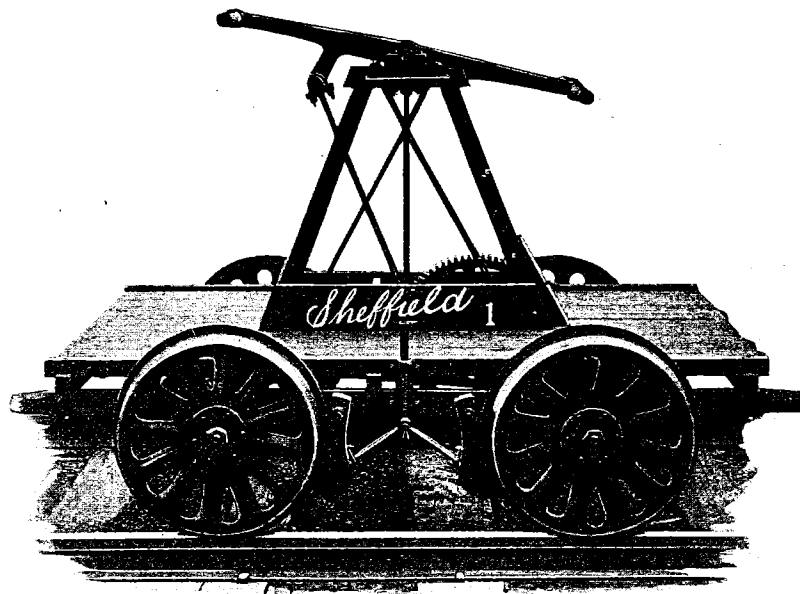
Instructions for Ordering Sheffield Hand and Push Car Repairs

Clearly specify part or parts wanted by giving number in list, and whenever possible, serial number of car, which is stenciled on gallows frame or main frame and should be preserved.

Cuts of the different styles of cars are shown at the head of each standard list, to enable customers to specify the style of car for which parts are wanted, and locate list for same.

When ordering wheels, axles or pinions, be careful to indicate whether they are straight or taper fit, and whenever possible give dimensions, as the great quantity and variety of cars turned out by us during the past, has led to the use of such a variety of wheels, axles, etc., that something more than the specification "For Hand Car" is necessary for us to fill orders accurately.

See pages 50 and 51 for Price List of Roller Bearings for Hand and Push Cars.



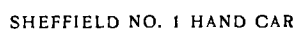
Sheffield No. 1 Standard Section Hand Car (Standard Gauge)

This Car is standard with 20 inch steel wheels, $1\frac{1}{2}$ inch taper fit axles,
4 ft., $8\frac{1}{2}$ inch gauge.

Repair Price List Sheffield No. 1 Hand Car

"Right Hand" side of car is brake side. "Front End" of car is driving axle end.

Symbol	Name of Part	List
Main Frame		
H1823	Main frame complete with truss rods and deck	\$25.00
H 519	Main frame complete with truss rods (without deck)	18.25
H 275	Main frame long rail, outside, brake side	1.50
H 978	Main frame long rail, outside, L. H. side	1.50
H 274	Main frame long rail, center, brake side	1.50
H 979	Main frame long rail, center, L. H. side	1.50
H 276	Main frame cross rail, end	1.00
H 980	Main frame cross rail, front intermediate	1.00
H 981	Main frame cross rail, rear intermediate	1.00
H 982	Main frame cross rail, middle	1.00
H 277	Main frame top rave, brake side	.90
H1331	Main frame top rave, L. H. side	.90
H 244	Main frame diagonal brace	.25
H 545	Main frame cross truss rods with nuts	.20
H 138	Main frame cross truss rod clip	.15
H 173	Main frame cross truss rod strain plates	.10
Tool Box		
H 983	Tool box side filler board	.10
H 946	Tool box beveled end board	.10
H 984	Tool box bottom	.20
Deck		
H 279	Deck complete	6.60



Symbol	Name of Part	List
Gallows Frame and Rock Shaft Boxes		
H 769	Gallows frame and boxes assembled complete.....	\$10.00
H 504	Gallows frame only, assembled, includes H252, H1696 and H1697.....	3.90
H 252	Gallows frame heads and spool assembled.....	.90
H 992	Gallows frame head.....	.25
H 506	Gallows frame head spool.....	.14
H1696	Gallows frame upright and spool, gear end.....	1.50
H1697	Gallows frame upright and spool, opposite gear end.....	1.50
H 251	Gallows frame upright, gear end.....	.50
H 885	Gallows frame upright, opposite gear end.....	.50
H 507	Gallows frame upright spool.....	.14
H 297	Gallows frame gear shield (steel).....	.40
H 254	Gallows frame end board.....	.45
H 939	Gallows frame partition board.....	.14
H 253	Gallows frame side board.....	.25
H 147-148	Gallows frame rock shaft box (base and cap).....	.40
H 147	Gallows frame rock shaft box base, only.....	.25
H 148	Gallows frame rock shaft box cap, only.....	.15
H1215	Gallows frame rock shaft box bolt end with nuts, 5 inches long.....	.12
H 960	Gallows frame rock shaft box shim, per dozen.....	.08
H 548	Gallows frame vertical truss bolt with nuts and washers, 2 ft. 9 in. long.....	.20
H 150	Gallows frame vertical truss bolt holder.....	.10
H 897	Gallows frame upset tool holder comp. with nuts and washers.....	.30
H1339	Gallows frame diagonal truss rod comp. with bevel washers and nuts.....	.30
H 516	Gallows frame diagonal truss rod only with nuts, 3 ft. 5½ in. long.....	.25
H 515	Gallows frame diagonal truss rod bevel washer.....	.05

Wheels, Axles and Boxes

H1004	Steel wheel, 20 inch diameter, ¼-inch stock, taper bore 1 ⁷ / ₁₆ to 1 ¹ / ₂ inch	Price on application
H1820	Axle box complete with axle box base, oil cellar, felt, journal bearing (Bolt ends not included).....	.75
H 168	Axle box base.....	.25
H 207	Axle box journal bearing.....	.40
H 169	Axle box oil cellar.....	.15
H 958	Axle box oil cellar felt.....	.04
H1157	Axle box bolt end complete with nuts and cut washer, 6 in. long.....	.15
H 959	Axle box dowel pin.....	.02
H1076	Axle box oil tube, 4 in. long.....	.05
H 272	Axle box oil tube cover.....	.05
H1703	Drive axle complete with pinion, washers and nuts.....	8.00
H34982	Drive axle complete with nuts and washers.....	6.00
H 562	Drive axle pinion, 22 cut teeth, taper bore 1 ³ / ₈ to 1 ³ / ₂ inch.....	1.80
H1197	Drive axle pinion nut.....	.20
H 957	Drive axle end nut.....	.16
H1199	Drive axle end washer.....	.07
H34983	Loose axle complete with nuts, washers and cotter.....	5.00
H 957	Loose axle end nut.....	.16
H1199	Loose axle end washer.....	.07
H 186	Drive axle steady box bearing (two pieces).....	.14
H 263	Drive axle steady box guide.....	.30
H1076	Drive axle steady oil tube, 4 in. long.....	.05

Walking Beam, Connecting Rod, Crank Shaft, Etc.

H 501	Walking beam comp. with wrist pin, rock shaft, and wood handles.....	8.50
H 500	Walking beam and wrist pin only.....	6.35
H 289	Walking beam wrist pin.....	.25
H 502	Walking beam rock shaft.....	.50
H 255	Walking beam rock shaft nut.....	.20
H 503	Walking beam wood handle.....	.40
H 508	Connecting rod only, 2 feet, 6½ inches long.....	.65

Sheffield Hand and Push Cars

13
9516C

Symbol	Name of Part	List
H 211-212	Connecting rod box complete (walking beam end)	\$.40
H 203-204	Connecting rod box complete (crank end)	.40
H 512	Connecting rod U bolt with nuts	.20
H1718	Drive gear and crank complete	7.50
H 109	Drive gear only, 72 cut teeth	5.00
H 750	Drive gear crank shaft	2.50
H1819	Drive gear crank shaft box complete with base and cap, babbitted	.75
H 134	Drive gear crank shaft box base, without oil hole, babbitted	.35
H 135	Drive gear crank shaft box cap, with oil hole, babbitted	.40
H 960	Drive gear crank shaft box shim, per dozen	.08

Brake

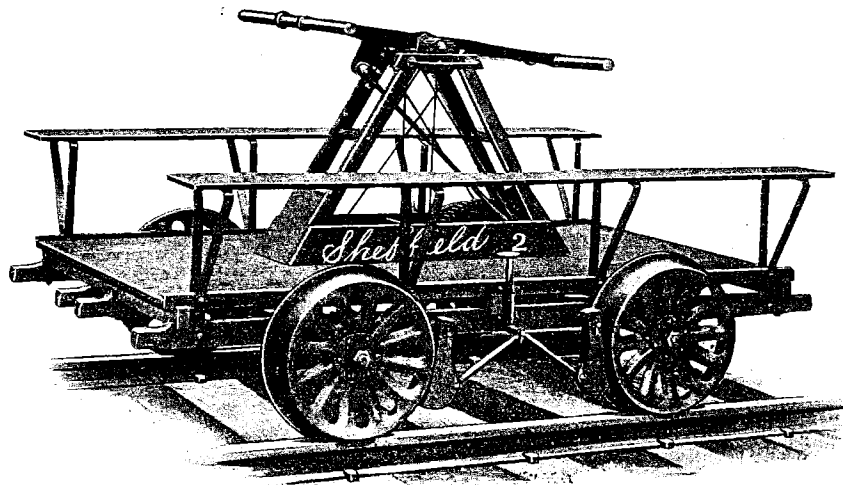
H1440	Brake complete	2.80
H1431	Brake step and post with cotter	.40
H1430	Brake post sleeve	.20
H1429	Brake spring, coiled	.15
H 259	Brake toggle lever 6½ inch centers	.16
H 141	Brake toggle lever hook	.07
H34233	Brake shoe	.35
H 178	Brake stud complete with nut, cotter and washers	.30
H 140	Brake stud cast washer	.05

Special and Old Style Parts for Sheffield No. 1 Hand Car

Symbol	Name of Part	List
H 531	1½ inch axle, straight fit, keyseated for pinion (specify gauge)	\$ 5.30
H1031	1½ inch axle, straight fit, loose (specify gauge)	4.70
H1333	Journal bearing, old style, heavy pattern (interchanges with H207)	.45
H 255	Nut for 1½ inch straight axle	.20
H1077	Cut key for wheels or pinion	.20
H 996	20 inch steel wheel, taper bore 1⅜ to 1⅝ inch for insulation, for 1½ inch taper axle	Price on application
H1002	20 inch steel wheel, 1⅝ inch straight bore, keyseated, for 1½ inch straight axle	Price on application
H1003	20 inch steel wheel, 1⅝ inch straight bore, smooth, for 1½ inch straight axle	Price on application
H1010	20 inch wood center wheel, taper bore 1⅞ to 1⅝ inch for standard 1½ inch taper axle	Price on application
H1011	20 inch wood center wheel, 1⅝ inch straight bore, keyseated, for 1½ inch straight axle	Price on application
H1012	20 inch wood center wheel, 1⅝ inch straight bore, smooth, for 1½ inch straight axle	Price on application
H1013	22 inch wood center wheel, taper bore 1⅞ to 1⅝ inch for standard 1½ inch taper axle	Price on application
H1014	22 inch wood center wheel, 1⅝ inch straight bore, keyseated, for 1½ inch straight axle	Price on application
H1015	22 inch wood center wheel, 1⅝ inch straight bore, smooth, for 1½ inch straight axle	Price on application
H 80	Steel hub for 20 inch and 22 inch wood center wheel (straight or taper bore as ordered)	1.45
H 81	Hub flange for same	.50
H 525	20 inch steel tire, 3½ inch tread, for wood center wheel	3.75
H 526	22 inch steel tire, 3½ inch tread, for wood center wheel	4.20
H 578	Pinion, taper bore, 1⅜ to 1⅝ inch, for 1½ inch axle, 22 cast teeth, 6 inch outside diameter	1.65
H 160	Drive gear, 1½ inch bore, 72 cast teeth, 18½ inch outside diameter	5.75
H 161	Pinion, bored 1½ inches and keyseated, 22 cast teeth, 6 inch outside diameter (this pinion is used with drive gear H160)	1.65
H 110	Pinion bored 1½ inch and keyseated, 22 cut teeth, 6 inch outside diameter	2.20
H 170	Drive gear 1⅝ inch bore, 62 cast teeth for low gear	4.40

Symbol	Name of Part	List
H 171	Pinion 1½ inch bore, keyseated, 32 cast teeth, for H170.....	\$ 2.40
H 122	Drive gear 1½ inch bore, 62 cut teeth for low gear.....	5.60
H 123	Pinion 1½ inch bore, keyseated, 32 cut teeth for H122, low gear.....	3.60
H 563	Pinion, taper bore 1¼ to 1½ inch for 1½ inch axle, 32 cut teeth for H122, low gear.....	3.60
H 637	32 cast tooth pinion, taper bore 1¼ to 1½ inch, for 1½ inch axle.....	3.00
H1145	Brake toggle lever for 22 inch wheel, 5½ inch centers.....	.25
H1202	Brake toggle lever for 24 inch wheel, 4½ inch centers.....	.25
H 539	Brake spring, flat.....	.55
H1459	Brake post complete with spring pin.....	.45
H1200	Walking beam complete with rock shaft and iron handles.....	10.40
H 660	Walking beam handle, iron.....	1.55
H1425	Walking beam handle (wood with metal inserted) complete.....	1.00

Roller Bearing Boxes and Insulations, pages 50 and 51.



Sheffield No. 2 Hand Car

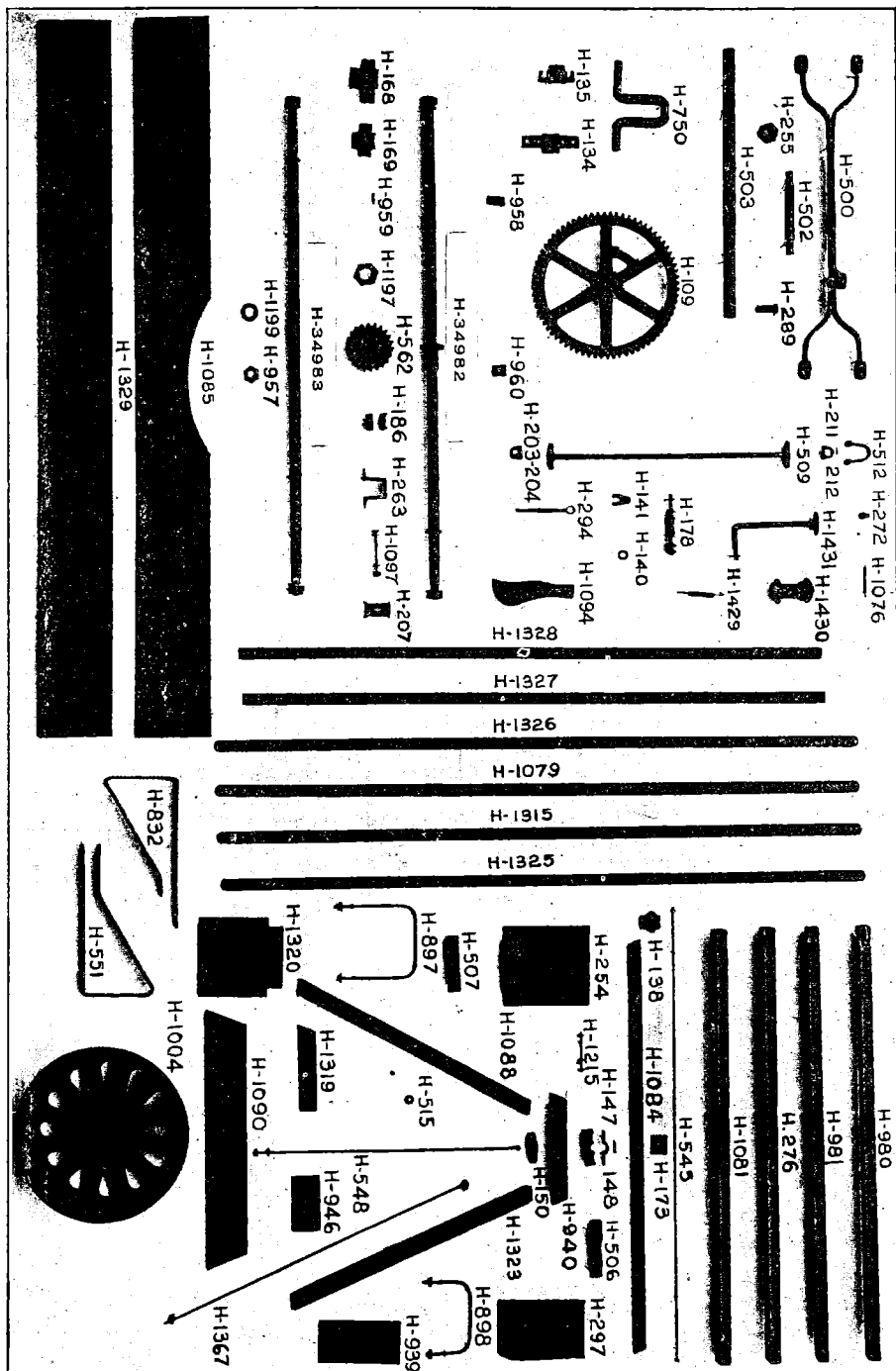
This Car is standard with 20 inch steel wheels and 1½ inch axle, taper fit, 4 ft. 8½ inch gauge.

Repair Price List Sheffield No. 2 Hand Car

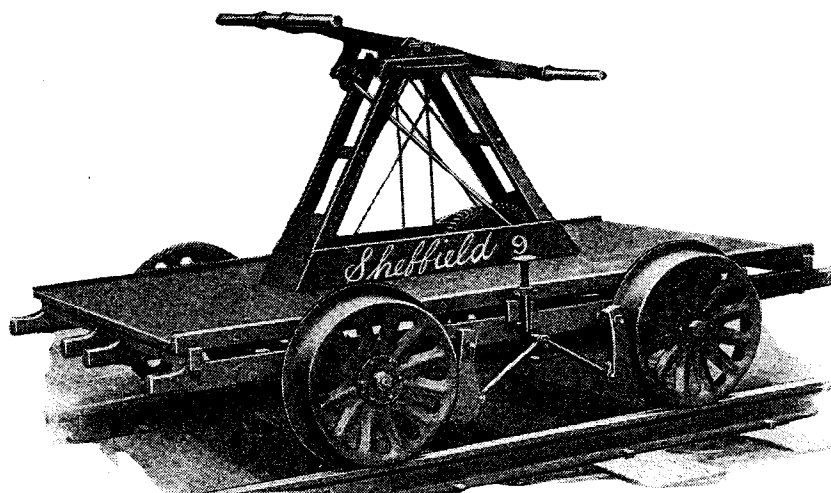
"Right Hand" side of car is brake side. "Front End" of car is driving axle end.

Symbol	Name of Part	List
(Parts of No. 2 Car not listed below are the same as on the No. 9 Hand Car.)		
H1824	Main frame complete with truss rods and deck (without seats).....	\$28.75
H1330	Main frame complete with truss rods (without deck).....	20.75
H1325	Main frame outside long rail, brake side.....	1.70
H1326	Main frame outside long rail, L. H. side.....	1.70
H1327	Main frame top rave, brake side.....	1.15
H1328	Main frame top rave, L. H. side.....	1.15
H1378	Deck complete.....	7.90
H1085	Right hand seat board, brake side.....	1.30
H1329	Left hand seat board, L. H. side.....	1.30
H 551	Seat end bracket.....	.75
H 832	Seat middle bracket.....	.75

Roller Bearing Boxes and Insulations, pages 50 and 51.



SHEFFIELD NO. 2 HAND CAR



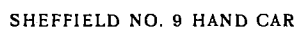
Sheffield No. 9 Hand Car

This Car is standard with 20 inch steel wheels, 1½ inch taper fit axles, 4 ft., 8½ inch gauge.

Repair Price List Sheffield No. 9 Hand Car

"Right Hand" side of car is brake side. "Front End" of car is driving axle end.

<i>Symbol</i>	<i>Name of Part</i>	<i>List</i>
Main Frame		
H1825	Main frame complete with truss rods and deck	\$28.75
H1078	Main frame complete with truss rods (without deck)	20.75
H1080	Main frame long rail, outside, brake side	1.70
H1314	Main frame long rail, outside, L. H. side	1.70
H1079	Main frame long rail, center, brake side	1.70
H1315	Main frame long rail, center, L. H. side	1.70
H1369	Steady box guide block	.40
H 276	Main frame cross rail, end	1.00
H 980	Main frame cross rail, front intermediate	1.00
H 981	Main frame cross rail, rear intermediate	1.00
H1081	Main frame cross rail, middle	1.00
H1082	Main frame top rave, brake side	1.35
H1332	Main frame top rave, L. H. side	1.15
H1084	Main frame diagonal brace	.40
H 545	Main frame cross truss rod with nuts	.20
H 138	Main frame cross truss rod clip	.15
H 173	Main frame cross truss rod strain plate	.10
Tool Box		
H1319	Tool box side filler board	.10
H 946	Tool box beveled end board	.10
H1320	Tool box bottom	.25
Deck		
H1083	Deck complete	7.90



Symbol

Name of Part

List

Gallows Frame and Rock Shaft Boxes

H1321	Gallows frame and boxes assembled complete.....	\$10.00
H1087	Gallows frame only assembled, includes H1089, H1698 and H1699.....	8.90
H1089	Gallows frame heads and spool assembled.....	.90
H 940	Gallows frame head.....	.25
H 506	Gallows frame head spool.....	.14
H1699	Gallows frame uprights and spool, gear end.....	1.50
H1698	Gallows frame uprights and spool, opposite gear end.....	1.50
H1323	Gallows frame upright only, gear end.....	.50
H1088	Gallows frame upright only, opposite gear end.....	.50
H 507	Gallows frame upright spool.....	.14
H 297	Gallows frame gear shield (steel).....	.40
H 254	Gallows frame end board.....	.45
H 939	Gallows frame partition board.....	.14
H1090	Gallows frame side board.....	.24
H 147-148	Gallows frame rock shaft box (base and cap).....	.40
H 147	Gallows frame rock shaft box base, only.....	.25
H 148	Gallows frame rock shaft box cap, only.....	.15
H 960	Gallows frame rock shaft box shim (per dozen).....	.08
H1215	Gallows frame rock shaft box bolt end with nuts, 5 inches long.....	.12
H 548	Gallows frame vertical truss bolt with nuts and washers, 2 feet, 9 inches long.....	.20
H 150	Gallows frame vertical truss bolt holder.....	.10
H 897	Gallows frame upset tool holder comp. with nuts and washers.....	.30
H1367	Gallows frame diagonal truss rod complete with bevel washers and nuts.....	.30
H1092	Gallows frame diagonal truss rod only with nuts, 3 feet 8 inches long.....	.25
H 515	Gallows frame diagonal truss rod bevel washer.....	.05

Wheels, Axles and Boxes

H1004	Steel wheel, 20-inch diameter, $\frac{1}{4}$ -inch stock, taper bore $1\frac{1}{8}$ to $1\frac{1}{32}$ inch	Price on application
H1820	Axle box complete with axle box base, oil cellar, felt, journal bearing. (Bolt ends not included).....	.75
H 168	Axle box base.....	.25
H 207	Axle box journal bearing.....	.40
H 169	Axle box oil cellar.....	.15
H 958	Axle box oil cellar felt.....	.04
H1097	Axle box bolt end complete with nuts and cut washer, $6\frac{1}{2}$ inches long.....	.15
H 959	Axle box dowel pin.....	.02
H1076	Axle box oil tube, 4 inches long.....	.05
H 272	Axle box oil tube cover.....	.05
H1703	Drive axle complete with pinion, washers and nuts.....	8.00
H34982	Drive axle complete with nuts and washers.....	6.00
H 562	Drive axle pinion, 22 cut teeth, taper bore $1\frac{3}{32}$ to $1\frac{1}{32}$ inch.....	1.80
H1197	Drive axle pinion nut.....	.20
H 957	Drive axle end nut.....	.16
H1199	Drive axle end washer.....	.07
H 186	Drive axle steady box bearing (two pieces).....	.14
H 263	Steady box guide.....	.30
H34983	Loose axle complete with nuts, washers and cotter.....	5.00
H 957	Loose axle end nut.....	.16
H1199	Loose axle end washer.....	.07
H1076	Steady box oil tube, 4 inches long.....	.05

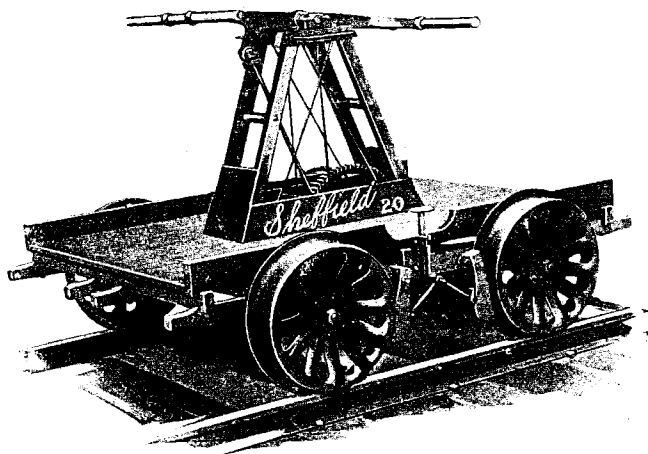
Walking Beam, Connecting Rod, Crank Shaft, Etc.

H 501	Walking beam complete with wrist pin, rock shaft, and wood handles.....	8.50
H 500	Walking beam and wrist pin only.....	6.35
H 289	Walking beam wrist pin.....	.25
H 502	Walking beam rock shaft.....	.50
H 255	Walking beam rock shaft nut.....	.20
H 503	Walking beam wood handle.....	.46
H 509	Connecting rod only, 2 feet, $8\frac{1}{8}$ inches long.....	.65

Symbol	Name of Part	List
H 211-212	Connecting rod box complete, walking beam end.....	\$.40
H 203-204	Connecting rod box complete, crank end.....	.40
H 512	Connecting rod U bolt with nuts.....	.20
H1718	Drive gear and crank complete.....	7 50
H 109	Drive gear, 72 cut teeth.....	5.00
H 750	Drive gear crank shaft.....	2.50
H1819	Drive gear crank shaft box complete with base and cap, babbitted....	.75
H 134	Drive gear crank shaft box base, without oil hole, babbitted.....	.35
H 135	Drive gear crank shaft box cap, with oil hole, babbitted.....	.40
H 960	Drive gear crank shaft box shim (per dozen).....	.08

Brake

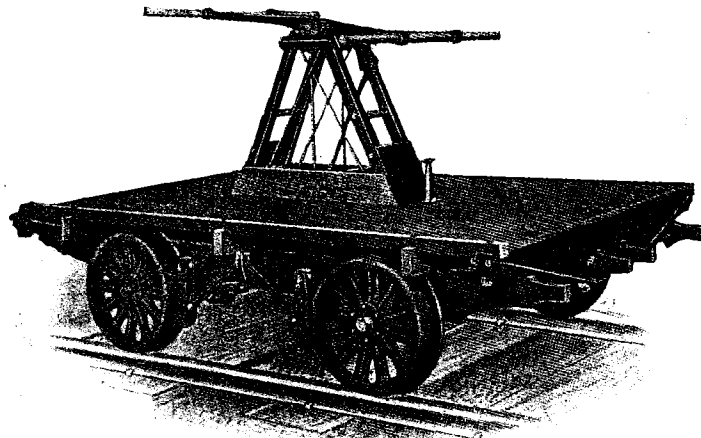
H1558	Brake complete.....	2.80
H1431	Brake step and post with cotter.....	.40
H1430	Brake post sleeve.....	.20
H1429	Brake spring, coiled.....	.15
H 294	Brake toggle lever, 10 $\frac{7}{8}$ inch centers.....	.16
H 141	Brake toggle lever hook.....	.07
H1094	Brake shoe.....	.35
H 178	Brake stud complete with nut, cotter and washers.....	.30
H 110	Brake stud cast washer.....	.05

**Repair Price List Sheffield No. 20 Hand Car**

Parts not listed below are the same as No. 1 Hand Car except that this car has top rave 3 inches higher than No. 1 Hand Car

Symbol	Names of Part	List
H1826	Main frame complete with truss rods and deck.....	\$29.00
H 520	Main frame complete with truss rods (without deck).....	22.50
H 278	Main frame top rave, brake side.....	2.65
H1768	Main frame top rave, L. H. side.....	2.65
H1500	Oil tube, 6 $\frac{1}{2}$ inches long.....	.05

Roller Bearing Boxes and Insulations, pages 50 and 51.



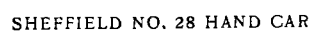
Sheffield No. 28 Bridge Gang Car

This car is standard with 20 inch steel wheels, heavy steel hub, $1\frac{3}{4}$ inch forged steel axles, taper fit, inside bearing; 4 ft. $8\frac{1}{2}$ inch gauge.

Repair Price List Sheffield No. 28 Hand Car

"Right Hand" side of car is right hand side when standing on brake step end of car, facing end of gallows frame. "Front End" of car is driving axle end.

Symbol	Name of Part	List
Main Frame		
H1828	Main frame complete with deck	\$45.50
H1217	Main frame complete (without deck)	33.50
H1219	Main frame long rail, outside	3.75
H1218	Main frame long rail, center R. H. side	2.75
H1556	Main frame long rail, center L. H. side	3.10
H1221	Main frame cross rail	2.10
H1220	Main frame top rave	1.65
H1223	Main frame diagonal brace	.80
H1253	Main frame cross tie, under long rails	.65
H1549	Main frame cross tie filler block	.14
H1238	Main frame brake shaft outside box complete	.25
H1239	Main frame brake shaft inside box complete	.25
Tool Box		
H1545	Tool box side filler board	.10
H1544	Tool box beveled end board	.10
H1546	Tool box bottom	.20
Deck		
H1222	Deck complete	11.90
Gallows Frame and Rock Shaft Boxes		
H 770	Gallows frame and boxes assembled complete	\$10.25
H1224	Gallows frame only assembled, includes H1120, H1700 and H1701	3.90
H1120	Gallows frame heads and spool assembled	1.10



Symbol	Name of Part	List
H1542	Gallows frame head	\$.40
H 506	Gallows frame head spool	.14
H1700	Gallows frame uprights and spool opposite gear end	1.50
H1701	Gallows frame uprights and spool, gear end	1.50
H1119	Gallows frame upright, gear end	.50
H1674	Gallows frame upright, opposite gear end	.50
H 507	Gallows frame upright spool	.14
H 297	Gallows frame gear shield (steel)	.40
H1122	Gallows frame end board	.45
H1548	Gallows frame partition board	.14
H1226	Gallows frame side board	.24
H 147-148	Gallows frame rock shaft boxes (base and cap)	.40
H 147	Gallows frame rock shaft box base, only	.25
H 148	Gallows frame rock shaft box cap, only	.15
H1541	Gallows frame rock shaft box bolt end with nuts, 5½ inches long	.12
H 960	Gallows frame rock shaft box shim (per dozen)	.08
H1123	Gallows frame vertical truss bolt with nuts and washers, 3 ft. long	.20
H 150	Gallows frame vertical truss bolt holder	.10
H 897	Gallows frame long upset tool holder comp. with nuts and washers	.30
H 898	Gallows frame short upset tool holder comp. with nuts and washers	.30
H1710	Gallows frame diagonal truss rod comp. with nuts and bevel washers	.30
H1229	Gallows frame diagonal truss rod only, with nuts, 3 feet, 10 inches long	.25
H 515	Gallows frame diagonal truss rod bevel washer	.05

Wheels, Axles and Boxes

H1243	Steel wheel, 20 inch diameter, ¼-inch stock, taper bore 1⅛ to 1½ inch	Price on application
H1837	Axle box complete with axle box base, oil cellar, felt, journal bearing (bolt ends not included)	1.50
H 322	Axle box base	.30
H 324	Axle box journal bearing	.80
H 323	Axle box oil cellar	.25
H 958	Axle box oil cellar felt	.04
H1242	Axle box bolt end complete with nuts and washers, 10½ inches long	.20
H 959	Axle box dowel pin	.02
H1707	Drive axle complete with pinion, washers and nuts	9.50
H1056	Drive axle complete with nuts and washers	8.00
H 594	Drive axle pinion, 22 cut teeth, taper bore 2 to 2⅛ inch	1.80
H1240	Drive axle pinion nut	.20
H 957	Drive axle end nut	.16
H1199	Drive axle end washer	.07
H1057	Loose axle complete with nuts, washers and cotters	7.00
H 957	Loose axle end nut	.16
H1199	Loose axle end washer	.07
H 326	Drive axle steady box bearing (2 pieces)	.20
H 328	Drive axle steady box guide	.75
H1500	Drive axle steady box oil tube, 6½ inches long	.05

Walking Beam, Crank Shaft, Etc.

H1133	Walking beam comp. with wrist pin, rock shaft and wood handles	11.50
H1132	Walking beam and wrist pin only	8.00
H 290	Walking beam wrist pin	.40
H1135	Walking beam rock shaft	.50
H 255	Walking beam rock shaft nut	.20
H1136	Walking beam wood handle	1.00
H1251	Connecting rod only, 2 feet, 9½ inches long	.65
H 215-216	Connecting rod box complete (either end)	.70
H 511	Connecting rod U bolt with nuts	.40
H1728	Drive gear and crank complete	10.00
H 363	Drive gear only	6.50
H 513	Drive gear crank shaft	3.25
H1838	Drive gear crank shaft box complete with base and cap, babbitted	.75
H 163	Drive gear crank shaft box base, babbitted	.35

Sheffield Hand and Push Cars

23
9516 C

<i>Symbol</i>	<i>Name of Part</i>	<i>List</i>
H 165	Drive gear crank shaft box cap, babbitted.....	\$.40
H 960	Drive gear crank shaft box shims (per dozen).....	.08
H1252	Drive gear crank shaft box, bolt end comp. with nuts and washers.....	.12

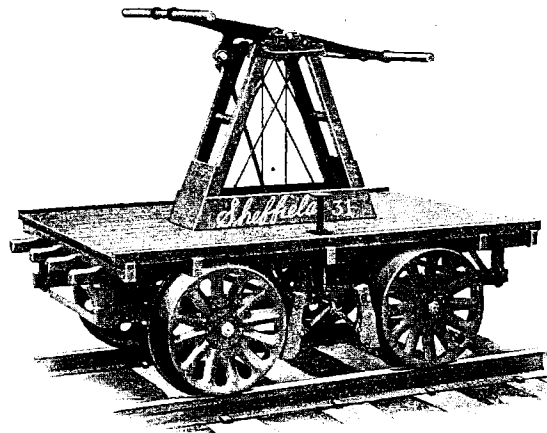
Brake

H1230	Brake complete.....	13.50
H1540	Brake shaft complete, includes H1233, H333 and H334.....	6.75
H1233	Brake shaft only, with nuts.....	4.00
H 333	Brake shaft end lever.....	.55
H 334	Brake shaft middle lever complete, with set screw.....	1.35
H1237	Brake shaft middle lever pin complete, with cotter.....	.12
H1235	Brake shaft link.....	.55
H1236	Brake shaft link pin complete, with cotter.....	.12
H1234	Brake spring.....	.80
H1543	Brake post complete, with step.....	1.35
H1232	Brake post only.....	1.20
H 145	Brake step.....	.15
H 335	Brake post deck guide, each half.....	.10
H1231	Brake shoe.....	.35
H 141	Brake toggle lever hook.....	.07
H 331	Brake toggle lever, jaw end, 13 $\frac{3}{8}$ inch centers.....	.35
H 332	Brake toggle lever, tongue end, 13 $\frac{3}{8}$ inch centers.....	.35
H 178	Brake stud complete with nut, cotter and washers.....	.30
H 140	Brake stud washer.....	.05

Special and Old Style Parts for Sheffield No. 28 Hand Car

<i>Symbol</i>	<i>Name of Part</i>	<i>List</i>
H 679	20 inch steel wheel, taper bore for insulation for 1 $\frac{3}{4}$ inch axle. Price on application	
H1058	1 $\frac{3}{4}$ inch drive axle, narrow gauge (specify gauge) inside bearing, taper wheel and pinion fits.....	7.00
H1059	1 $\frac{3}{4}$ inch loose axle, narrow gauge (specify gauge) inside bearing, taper wheel fits.....	6.00
H1134	Walking beam complete with rock shaft and iron handles.....	12.75
H1137	Walking beam iron handle only.....	1.70
H1553	Walking beam handle (wood with metal inserted) complete.....	1.45

Roller Bearing Boxes and Insulations, pages 50 and 51.



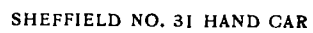
Sheffield No. 31 Hand Car

This Car is standard with 20 inch steel wheels, $1\frac{1}{2}$ inch taper axles, 3 ft. gauge, inside bearings

Repair Price List Sheffield No. 31 Hand Car

"Right Hand" side of car is brake side. "Front End" of car is driving axle end.
(Specify gauge of track when ordering repairs for deck, cross rails, axle box rail braces, axle-box rail tie bars, and axles.)

<i>Symbol</i>	<i>Name of Part</i>	<i>List</i>
Main Frame		
H1827	Main frame complete with deck	\$34.50
H1205	Main frame complete (without deck)	27.50
H1100	Main frame top long rail, outside, brake side	1.50
H1572	Main frame top long rail, outside, L. H. side	1.50
H1099	Main frame long rail, center, brake side	1.50
H1573	Main frame long rail, center, L. H. side	1.50
H1206	Main frame cross rail (specify gauge of track)	1.00
H1101	Main frame top rave	.90
H1102	Main frame axle box long rail, brake side	1.35
H1574	Main frame axle box long rail, L. H. side	1.35
H1216	Rail spool (for axle box long rails and steady box guide rail)	.14
H 748	Axle box rail brace (for under side of axle box long rails) (specify gauge of track)	.90
H 749	Axle box rail tie bar (for under side of axle box long rail) (specify gauge of track)	.90
H1571	Steady box guide rail	.40
Tool Box		
H 983	Tool box side filler board (each)	.10
H 946	Tool box beveled end board	.10
H 984	Tool box bottom	.20
Deck		
H1207	Deck complete (specify gauge of track)	6.50
Gallows Frame and Rock Shaft Boxes		
H1681	Gallows frame and boxes assembled complete	10.00



Symbol	Name of Part	List
H1209	Gallows frame only assembled, includes H252 and two H1697	\$ 3.90
H 252	Gallows frame heads and spool assembled	.90
H 992	Gallows frame head	.25
H 506	Gallows frame head spool	.14
H1697	Gallows frame uprights and spool, either end	1.50
H 885	Gallows frame upright	.50
H 507	Gallows frame upright spool	.14
H 254	Gallows frame gear shield or end board	.45
H 939	Gallows frame partition board	.14
H 253	Gallows frame side boards	.25
H 147-148	Gallows frame rock shaft box (base and cap)	.40
H 147	Gallows frame rock shaft box base, only	.25
H 148	Gallows frame rock shaft box cap, only	.15
H1215	Gallows frame rock shaft box bolt end with nuts, 5 inches long	.12
H 960	Gallows frame rock shaft box shim (per dozen)	.08
H 548	Gallows frame vertical truss bolt with nuts and washers, 2 feet 9 inches long	.20
H 150	Gallows frame vertical truss bolt holder	.10
H 897	Gallows frame upset tool holder, comp. with nuts and washers	.30
H1339	Gallows frame diagonal truss rod comp. with bevel washers and nuts	.30
H 516	Gallows frame diagonal truss rod only with nuts, 3 feet 5½ inches long	.25
H 515	Gallows frame diagonal truss rod bevel washers	.05

Wheels, Axles and Boxes

H1004	Steel wheel, 20 inch diameter, ¼-inch stock, taper bore 1⅞ to 1⅞ inch	Price on application
H1820	Axle box complete with axle box base, oil cellar, felt, journal bearing. (Bolt ends not included)	.75
H 168	Axle box base	.25
H 207	Axle box journal bearing	.40
H 169	Axle box oil cellar	.15
H 958	Axle box oil cellar felt	.04
H1157	Axle box bolt end complete with nuts and washers, 6 inches long	.15
H 959	Axle box dowel pin	.02
H1706	Drive axle complete with pinion, washers and nuts (specify gauge of track)	7.50
H35165	Drive axle comp. with nuts and washers (specify gauge of track)	5.50
H 562	Drive axle pinion, 22 cut teeth, taper bore 1⅜ to 1⅜ inch	1.80
H1197	Drive axle pinion nut	.20
H 957	Drive axle end nut	.16
H1199	Drive axle end washer	.07
H35166	Loose axle complete with nuts, washers, and cotters (specify gauge of track)	4.70
H 957	Loose axle end nut	.16
H1199	Loose axle end washer	.07
H 186	Drive axle steady box bearing (two pieces)	.14
H 263	Drive axle steady box guide	.30
H 961	Drive axle steady box oil tube, 9½ inches long	.05

Walking Beam, Connecting Rod, Crank Shaft, Etc.

H 501	Walking beam comp. with wrist pin, rock shaft and wood handles	8.50
H 500	Walking beam and wrist pin only	6.35
H 289	Walking beam wrist pin	.25
H 502	Walking beam rock shaft	.50
H 255	Walking beam rock shaft nut	.20
H 503	Walking beam wood handle	.40
H 510	Connecting rod only, 2 feet 10¾ inches long	.65
H 211-212	Connecting rod box (walking beam end)	.40
H 203-204	Connecting rod box (crank end)	.40
H 512	Connecting rod U bolt with nuts	.20
H1718	Drive gear and crank complete	7.50
H 109	Drive gear only, 72 cut teeth	5.00
H 750	Drive gear crank shaft	2.50

Sheffield Hand and Push Cars

27
9516 C

Symbol	Name of Part	List
H1819	Drive gear crank shaft box complete with base and cap, babbitted . . . \$	.75
H 134	Drive gear crank shaft box base with oil hole, babbitted	.35
H 135	Drive gear crank shaft box cap without oil hole, babbitted	.40
H 960	Drive gear crank shaft box shim (per dozen)	.08

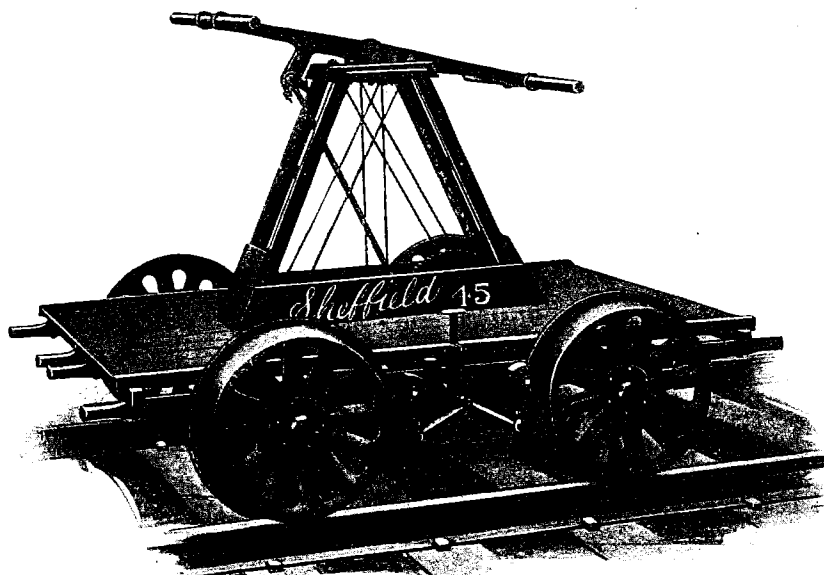
Brake

H1567	Brake complete	3.10
H1484	Brake step and post with cotter	.50
H 242	Brake post guide (on axle box long rail)	.10
H1483	Brake post guide (on outside top long rail)	.15
H1481	Brake post guide (on deck)	.15
H1485	Brake spring, coiled	.15
H 259	Brake toggle lever, 6½ inch centers	.16
H 141	Brake toggle lever hook	.07
H34233	Brake shoe	.35
H 178	Brake stud complete with nut, cotter and washers	.30
H 140	Brake stud cast washer	.05

Special and Old Style Parts for Sheffield No. 31 Hand Car

Symbol	Name of Part	List
H 539	Brake spring (flat) \$	.55
H1766	Brake post assembled complete with deck guide and pin for spring . . .	.90
H1200	Walking beam complete with rock shaft and iron handles	10.40
H 660	Walking beam handle, iron	1.55
H1425	Walking beam handle (wood with metal inserted) complete	1.00

Roller Bearing Boxes and Insulations, pages 50 and 51.



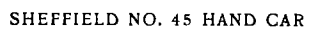
Sheffield No. 45 Hand Car

This Car is standard with 20 inch steel wheels, 1½ inch taper fit axles,
4 feet. 8½ inch gauge.

Repair Price List Sheffield No. 45 Hand Car

"Right Hand" side of car is brake side. "Front End" of car is driving axle end.

Symbol	Name of Part	List
Main Frame		
H1829	Main frame complete with truss rods and deck	\$24.50
H1390	Main frame complete with truss rods (without deck)	18.00
H1379	Main frame long rail, outside, brake side	1.50
H1380	Main frame long rail, outside, L. H. side	1.50
H1381	Main frame long rail, center, brake side	1.50
H1382	Main frame long rail, center, L. H. side	1.50
H1383	Main frame cross rail, end	.90
H1384	Main frame cross rail, front intermediate	.90
H1386	Main frame cross rail, rear intermediate	.90
H1385	Main frame cross rail, middle	.90
H1388	Main frame top rave, brake side	.90
H1389	Main frame top rave, L. H. side	.90
H1387	Main frame diagonal brace	.40
H 545	Main frame cross truss rod with nuts	.20
H 230	Main frame cross truss rod clip	.15
H 568	Main frame cross truss rod strain plate	.10
Tool Box		
H1393	Tool box side filler board	.10
H1392	Tool box beveled end board	.10
H1394	Tool box bottom	.20
Deck		
H1761	Deck complete	6.60
Gallows Frame and Rock Shaft Boxes		
H1407	Gallows frame and boxes assembled complete	10.00
H1400	Gallows frame only assembled, includes H1397 and H1702	3.90
H1397	Gallows frame head and spool assembled	.85
H1395	Gallows frame head	.25
H1396	Gallows frame head spool	.14
H1702	Gallows frame uprights and spool, either end	1.50
H1398	Gallows frame upright	.50
H1399	Gallows frame upright spool	.14
H1402	Gallows frame gear shield or end board	.50
H1403	Gallows frame filler block for gear shield	.10
H1365	Gallows frame partition board	.14
H1401	Gallows frame side board	.24
H 635-636	Gallows frame rock shaft box (base and cap)	.40
H 960	Gallows frame rock shaft box shims, per dozen	.08
H 695	Gallows frame rock shaft box bolt end with nuts, 5¼ inches long	.12
H1139	Gallows frame vertical truss bolt with nuts and washers, 2 feet 9¼ inches long	.20
H 574	Gallows frame truss bolt holder	.10
H 897	Gallows frame upset tool holder complete with nuts and washers	.30
H1711	Gallows frame diagonal truss rod complete with bevel washers and nuts	.30
H1140	Gallows frame diagonal truss rod only with nuts, 3 feet 5½ inches long	.25
H 515	Gallows frame diagonal truss rod bevel washer	.05
Wheels, Axles and Boxes		
H1004	Steel wheel, 20 inch diameter, ¼ inch stock, taper bore 1⅞ to 1⅞ inch	Price on application
H1839	Axle box complete with axle box base, oil cellar, felt, journal bearing (bolt ends not included)	.75
H 746	Axle box base	.25



Symbol	Name of Part	List
H 207	Axle box journal bearing.....	\$.40
H 747	Axle box oil cellar.....	.12
H 958	Axle box oil cellar felt.....	.04
H 694	Axle box bolt end comp. with nuts and cut washers, 5¼ inch long.....	.10
H 959	Axle box dowel pin.....	.02
H 697	Axle box oil tube, 3 inches long.....	.05
H 272	Axle box oil tube cover.....	.05
H1704	Drive axle complete with pinion, washers and nuts.....	8.00
H34982	Drive axle complete with nuts and washers.....	6.00
H 53	Drive axle pinion, 20 cut teeth, taper bore 1½ to 1½ inch.....	1.80
H1197	Drive axle pinion nut.....	.20
H 957	Drive axle end nut.....	.16
H1199	Drive axle end washer.....	.07
H 54	Drive axle steady box bearings (two pieces).....	.14
H1172	Drive axle steady box guide.....	.30
H1076	Drive axle steady box oil tube, 4 inches long.....	.05
H34983	Loose axle complete with nuts, washers and cotter.....	5.00
H 957	Loose axle end nut.....	.16
H1199	Loose axle end washer.....	.07

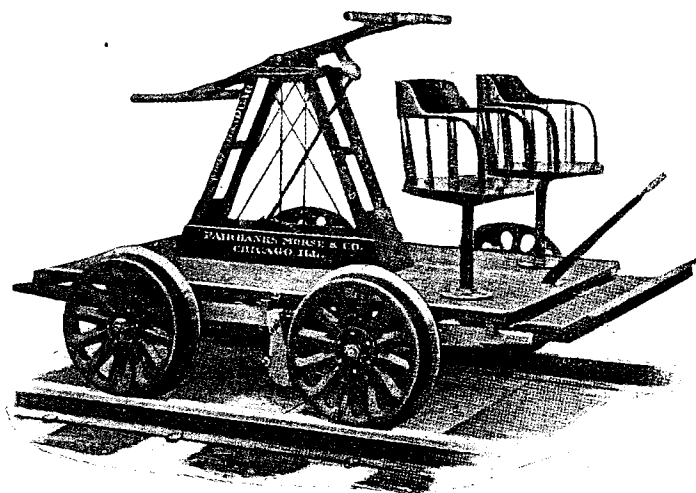
Walking Beam, Connecting Rod, Crank Shaft, Etc.

H1150	Walking beam complete with wrist pin, rock shaft and wood handles..	8.50
H 500	Walking beam and wrist pin only.....	6.35
H 289	Walking beam wrist pin.....	.25
H1152	Walking beam rock shaft.....	.50
H 255	Walking beam rock shaft nut.....	.20
H 503	Walking beam wood handle.....	.40
H 509	Connecting rod only, 2 feet, 8½ inches long.....	.65
H 211-212	Connecting rod box complete (for either end of rod).....	.40
H 512	Connecting rod U bolt with nuts.....	.20
H1720	Drive gear and crank complete.....	6.00
H 576	Drive gear only, 74 cut teeth.....	4.10
H1155	Drive gear crank shaft.....	2.00
H 633-634	Drive gear crank shaft box (base and cap) with oil hole in cap.....	.50
H1408	Drive gear crank shaft shim, per dozen.....	.08
H1167	Drive gear crank shaft U bolt with nuts and cut washers.....	.18

Brake

H1440	Brake complete.....	2.80
H1431	Brake step and post with cotter.....	.40
H1430	Brake post sleeve.....	.20
H1429	Brake spring, coiled.....	.15
H 259	Brake toggle lever, 6½ inch centers.....	.16
H 141	Brake toggle lever hook.....	.07
H34233	Brake shoe.....	.35
H 178	Brake stud complete with nut, cotter and washers.....	.30
H 140	Brake stud cast washer.....	.05

Roller Bearing Boxes and Insulations, pages 50 and 51.



Sheffield No. 47 Hand Car with Chair Seats

This Car with Chair Seats is standard with 20 inch steel wheels, $1\frac{1}{2}$ inch taper fit axles, 4 feet, $8\frac{1}{2}$ inches gauge.

Repair Price List Sheffield No. 47 Hand Car with Chair Seats

"Right Hand" side of car is right hand side when sitting in chairs.
"Front End" of car is chair end.

Symbol	Name of Part	List
Main Frame		
H1830	Main frame complete with truss rods and deck	\$25.50
H1596	Main frame complete with truss rods (without deck)	18.00
H1591	Main frame long rail, outside	1.50
H1592	Main frame long rail, center, L. H. side	1.50
H1593	Main frame long rail, center, R. H. side	1.50
H1594	Main frame cross rail, front end	.90
H1383	Main frame cross rail, rear end	.90
H1384	Main frame cross rail, rear intermediate	.90
H1386	Main frame cross rail, front intermediate	.90
H1385	Main frame cross rail, middle	.90
H1598	Main frame top rave	1.00
H1387	Main frame diagonal brace	.40
H 545	Main frame cross truss rod with nuts	.20
H 230	Main frame cross truss rod clip	.15
H 568	Main frame cross truss rod strain plate	.10
Tool Box		
H1599	Tool box side filler board	.10
H1392	Tool box beveled end board	.10
H1600	Tool box bottom	.14
Deck		
H1601	Deck complete	7.50
Chairs and Foot Rest		
H1730	Chair comp. with pipes and upper and lower fanges and spring	14.60
H1602	Chair complete with bottom cleat only	10.25

Symbol	Name of Part	List
H 231	Chair upper flange complete with pipe.....	\$ 2.00
H 232	Chair deck flange complete with pipe.....	1.60
H1313	Chair spring.....	.75
H1731	Foot rest complete.....	6.55
H 822R	Foot rest support, R. H. outside.....	1.10
H 822L	Foot rest support, L. H. outside.....	1.10
H 821R	Foot rest support, R. H. center.....	1.10
H 821L	Foot rest support, L. H. center.....	1.10
H1432	Foot board cleat (under side of foot boards).....	.35
H1606	Outer foot board.....	.55
H1607	Inner foot board.....	.45

Gallows Frame

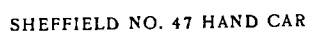
H1684	Gallows frame and boxes assembled complete.....	10.00
H1400	Gallows frame only assembled, includes H1397 and H1702.....	3.90
H1397	Gallows frame heads and spool assembled.....	.85
H1395	Gallows frame head.....	.25
H1396	Gallows frame head spool.....	.14
H1702	Gallows frame uprights and spool, either end.....	1.50
H1398	Gallows frame upright.....	.50
H1399	Gallows frame upright spool.....	.14
H1402	Gallows frame gear shield or end board, either end.....	.50
H1365	Gallows frame partition board.....	.14
H1670	Gallows frame side board.....	.24
H 635-636	Gallows frame rock shaft box (base and cap).....	.40
H 960	Gallows frame rock shaft box shims, per dozen.....	.08
H 695	Gallows frame rock shaft box bolt end with nuts 5¼ inches long.....	.12
H1139	Gallows frame vertical truss bolt with nuts and washers, 2 feet, 9¾ inches long.....	.20
H 574	Gallows frame truss bolt holder.....	.10
H 897	Upset tool holder complete with nuts and washers.....	.30
H1712	Gallows frame diagonal truss rod complete with bevel washers and nuts.....	.30
H1608	Gallows frame diagonal truss rod only with nuts, 3 feet, 6½ inches long.....	.25
H 515	Gallows frame diagonal truss rod bevel washer.....	.05

Wheels, Axles and Boxes

H1004	Steel wheel, 20 inch diameter, ¼ inch stock, taper bore 1⅞ to 1⅝ inch.....	Price on application
H1839	Axle box complete with axle box base, oil cellar, felt, journal bearing (bolt ends not included).....	.75
H 746	Axle box base.....	.25
H 207	Axle box journal bearing.....	.40
H 747	Axle box oil cellar.....	.12
H 958	Axle box oil cellar felt.....	.04
H 694	Axle box bolt end complete with nuts and cut washers, 5¾ inches long.....	.10
H 959	Axle box dowel pin.....	.02
H 697	Axle box oil tube, 3 inches long.....	.05
H 272	Axle box oil tube cover.....	.05
H1704	Drive axle complete with pinion, washers and nuts.....	8.00
H34982	Drive axle complete with nuts and washers.....	6.00
H 53	Drive axle pinion, 20 cut teeth, taper bore 1⅝ to 1⅞ inch.....	1.80
H1197	Drive axle pinion nut.....	.20
H 957	Drive axle end nut.....	.16
H1199	Drive axle end washer.....	.07
H 54	Drive axle steady box bearing (two pieces).....	.14
H1172	Drive axle steady box guide.....	.30
H1076	Steady box oil tube, 4 inches long.....	.05
H34983	Loose axle complete with nuts, washers and cotter.....	5.00
H 957	Loose axle end nut.....	.16
H1199	Loose axle end washer.....	.07

Walking Beam, Connecting Rod, Crank Shaft, Etc.

H1150	Walking beam comp. with wrist pin, rock shaft and wood handles....	8.50
-------	--	------



Symbol	Name of Part	List
H 500	Walking beam and wrist pin only.....	\$ 6.35
H 289	Walking beam wrist pin.....	.25
H1152	Walking beam rock shaft.....	.50
H 255	Walking beam rock shaft nut.....	.20
H 503	Walking beam wood handle.....	.40
H1154	Connecting rod only, 2 feet, 4 $\frac{3}{8}$ inches long.....	.65
H 211-212	Connecting rod box, base and cap (for either end).....	.40
H 512	Connecting rod U bolt with nuts.....	.20
H1720	Drive gear and crank complete.....	6.00
H 576	Drive gear only, 74 cut teeth.....	4.10
H1155	Drive gear crank shaft.....	2.00
H 633-634	Drive gear crank shaft box, base and cap, with oil hole in cap.....	.50
H1403	Drive gear crank shaft box shims, per dozen.....	.08
H1167	Drive gear crank shaft box U bolt with nuts and washers.....	.18

Brake

H1609	Brake lever complete with wood handle.....	2.50
V 757	Brake lever handle with ferrule.....	.15
H 848	Brake lever stop (fastened to top of deck).....	.17
H1611	Brake lever pivot pin complete with cotter.....	.08
H1612	Brake lever fulcrum bracket.....	1.35
H1529	Brake connecting rod.....	2.60
H1613	Brake lever connecting rod pin complete with cotter.....	.06
H1663	Brake beam complete, includes H825, H826, H552 and H824.....	3.85
H 825	Brake beam pipe.....	2.20
H 826	Brake beam truss rod complete with nuts.....	.40
H 552	Brake beam bevel washer.....	.07
H 824	Brake beam strut.....	1.10
H 796	Brake shoe.....	.35
H 553	Brake block clamp.....	.07
H 178	Brake stud complete with nut, cotter and washers.....	.30
H 140	Brake stud washer.....	.05

Sheffield No. 47 Hand Car with Slatted Seats

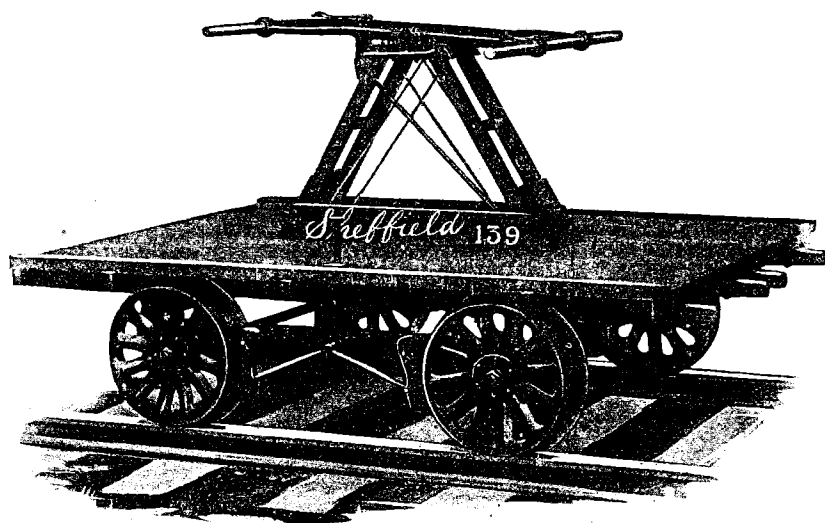
This Car with Slatted Seat is standard with 20 inch steel wheels, 1 $\frac{1}{2}$ inch taper fit axles, 4 feet 8 $\frac{1}{2}$ inch gauge.

Repair Price List Sheffield No. 47 Hand Car with Slatted Seats

Parts not listed below are the same as No. 47 Hand Car with Chair Seats.
"Right Hand" side of car is right hand side when sitting in seats.
"Front End" of car is seat end.

Symbol	Name of Part	List
H1831	Main frame complete with truss rods and deck.....	\$25.50
H1590	Main frame complete with truss rods (without deck).....	18.00
H1595	Main frame top rave.....	1.00
H1732	Slatted seat complete with springs, blocks and spools.....	14.00
H1603	Slatted seat only, includes H907, H908, H909, H904, H905, H899, H901.....	9.00
H 907	Seat slat (at top and bottom of seat).....	.30
H 908	Seat slat (second slat from top).....	.30
H 909	Intermediate seat slat.....	.30
H 901	Seat arm.....	.75
H 904	Seat end strap.....	1.10
H 905	Seat center strap.....	1.10
H 899	Seat end block.....	.30
H 911	Slatted seat spring.....	1.30
H 900	Slatted seat spring supporting block.....	.25
H 906	Slatted seat spring supporting block spool.....	.15
H 910	Slatted seat spring supporting block brace.....	.60

Roller Bearing Boxes and Insulations, pages 50 and 51.



Sheffield No. 139 Hand Car

No. 139 Hand Car is standard with 20 inch steel wheels, 1½ inch taper fit axles, 4 feet 8½ inch gauge.

Repair Price List Sheffield No. 139 Hand Car

"Right Hand" side of car is brake side. "Front End" of car is driving axle end.

Symbol	Name of Part	List
Main Frame		
H1832	Main frame complete with deck	\$40.00
H 937	Main frame complete (without deck)	28.00
H 720	Main frame top long rail, outside, brake side	1.85
H 951	Main frame top long rail, outside, L. H. side	1.85
H 719	Main frame long rail, center, brake side	1.85
H 952	Main frame long rail, center, L. H. side	1.85
H 933	Main frame axle box long rail, brake side	.90
H 956	Main frame axle box long rail, L. H. side	.90
H 724	Main frame upper cross rail	1.20
H 934	Main frame lower cross rail	1.40
H 723	Main frame top rave	1.10
H 944	Steady box guide rail	.50
H 722	Steady box guide rail spool	.30
H 725	Main frame diagonal brace	.50
Tool Box		
H 947	Tool box side filler board	.10
H 946	Tool box beveled end board	.10
H 948	Tool box bottom	.20
Deck		
H 726	Deck complete	12.00
Gallows Frame and Rock Shaft Boxes		
H 932	Gallows frame and boxes assembled complete	9.70
H1371	Gallows frame only assembled, includes H1370 and H1698	3.90
H1370	Gallows frame heads and spool assembled	.85

Symbol	Name of Part	List
H 940	Gallows frame head.....	\$.25
H 938	Gallows frame head spool.....	.14
H1698	Gallows frame uprights and spool, either end of gallows frame.....	1.50
H1088	Gallows frame upright.....	.50
H 507	Gallows frame upright spool.....	.14
H 935	Gallows frame gear shield.....	.45
H 875	Gallows frame end board.....	.45
H 939	Gallows frame partition board.....	.14
H 936	Gallows frame side board.....	.24
H 147-148	Gallows frame rock shaft box (base and cap).....	.40
H 147	Gallows frame rock shaft box base, only.....	.25
H 148	Gallows frame rock shaft box cap, only.....	.15
H1215	Gallows frame rock shaft box bolt end with nuts, 5 inches long.....	.12
H 960	Gallows frame rock shaft box shim, per dozen.....	.08
H 897	Gallows frame upset tool holder comp. with nuts and washers.....	.30
H1367	Gallows frame diagonal truss rod comp. with bevel washers and nuts.....	.30
H1092	Gallows frame diagonal truss rod only with nuts, 3 feet, 8 inches long.....	.25
H 515	Gallows frame diagonal truss rod bevel washer.....	.05

Wheels, Axles and Boxes

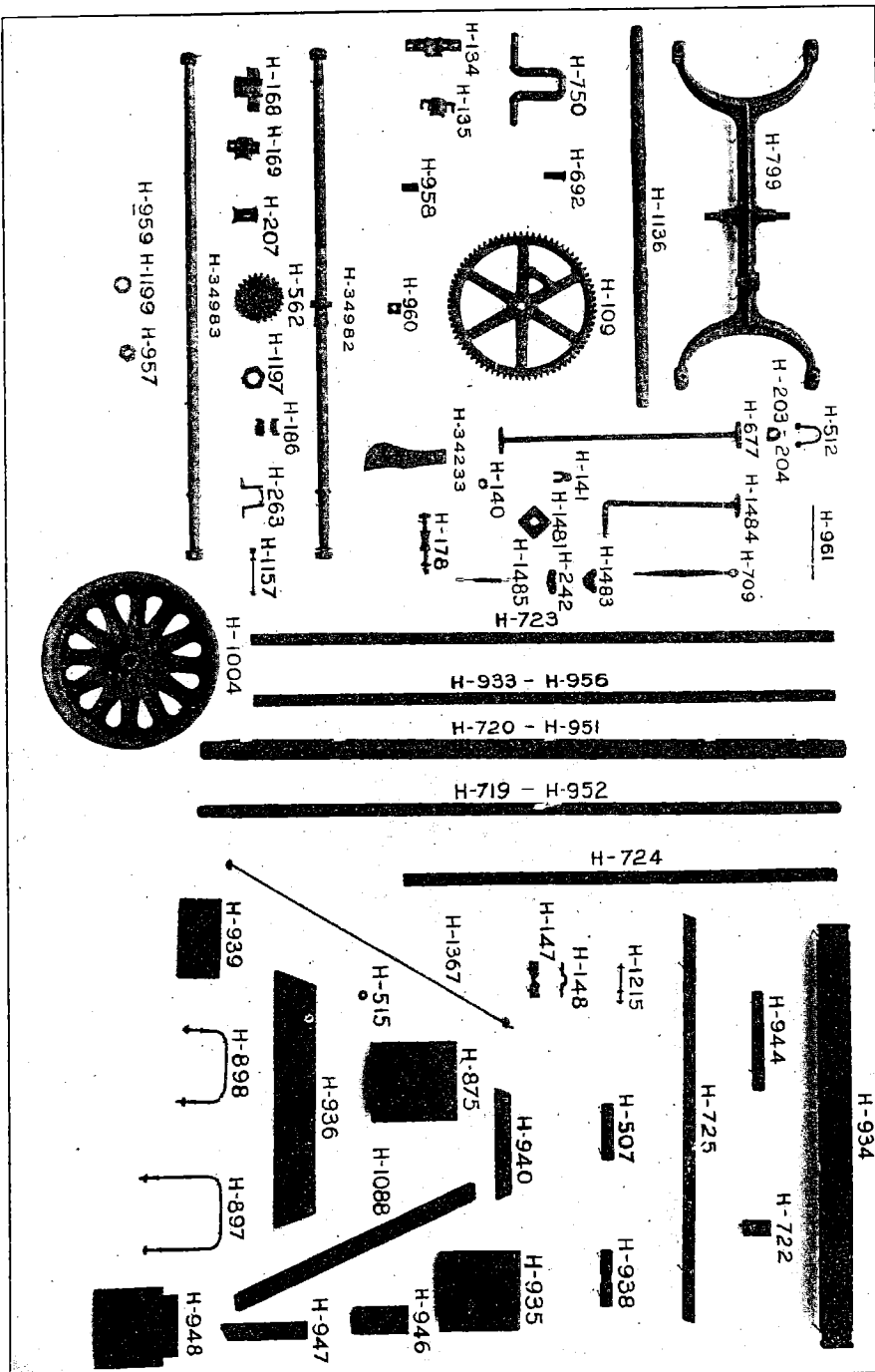
H1004	Steel wheel, 20 inch diameter, $\frac{1}{4}$ -inch stock, taper bore $1\frac{7}{8}$ to $1\frac{7}{8}$ inch.....	Price on application
H1820	Axle box complete with axle box base, oil cellar, felt, journal bearing. (Bolt ends not included).....	.75
H 168	Axle box base.....	.25
H 207	Axle box journal bearing.....	.40
H 169	Axle box oil cellar.....	.15
H 958	Axle box oil cellar felt.....	.04
H1157	Axle box bolt end complete with nuts and cut washer, 6 inches long.....	.15
H 959	Axle box dowel pin.....	.02
H1703	Drive axle complete with pinion, washers and nuts.....	8.00
H34982	Drive axle complete with nuts and washers.....	6.00
H 562	Drive axle pinion, 22 cut teeth, taper bore $1\frac{3}{4}$ to $1\frac{3}{4}$ inch.....	1.80
H1197	Drive axle pinion nut.....	.20
H 957	Drive axle end nut.....	.16
H1199	Drive axle end washer.....	.07
H34983	Loose axle complete with nuts, washer and cotter.....	5.00
H 957	Loose axle end nut.....	.16
H1199	Loose axle end washer.....	.07
H 186	Drive axle steady box bearing (two pieces).....	.14
H 263	Drive axle steady box guide.....	.30
H 961	Drive axle steady box oil tube, $9\frac{1}{2}$ inches long.....	.05

Walking Beam, Crank Shaft, Etc.

H 941	Walking beam and rock shaft complete with wrist pin and wood handles.....	11.50
H 799	Walking beam and rock shaft with wrist pin.....	9.00
H 692	Walking beam wrist pin.....	.25
H1136	Walking beam wood handle.....	1.00
H 677	Connecting rod only, 3 feet, $1\frac{1}{8}$ inches long.....	.65
H 203-204	Connecting rod box complete (for either end of rod).....	.40
H 512	Connecting rod U bolt with nuts.....	.20
H1718	Drive gear and crank complete.....	7.50
H 109	Drive gear only, 72 cut teeth.....	5.00
H 750	Drive gear crank shaft.....	2.50
H1819	Drive gear crank shaft box complete with base and cap, babbitted.....	.75
H 134	Drive gear crank shaft box base, with oil hole, babbitted.....	.35
H 135	Drive gear crank shaft box cap, without oil hole, babbitted.....	.40
H 960	Drive gear crank shaft box shims, per dozen.....	.08

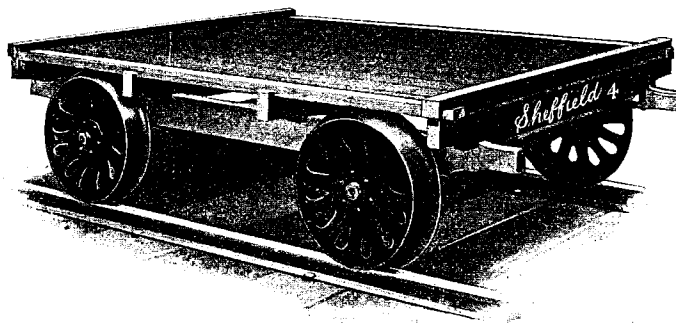
Brake

H1575	Brake complete.....	3.50
H1484	Brake step and post with cotter.....	.50



Symbol	Name of Part	List
H 242	Brake post guide (on axle box long rail).....	\$.10
H1483	Brake post guide (on upper long rail).....	.15
H1481	Brake post deck guide.....	.15
H1485	Brake spring, coiled.....	.15
H 709	Brake toggle lever, 12 $\frac{3}{8}$ inch centers.....	.35
H 141	Brake toggle lever hook.....	.07
H34254	Brake shoe.....	.35
H 178	Brake stud complete with nut, cotter and washers.....	.30
H 140	Brake stud cast washer.....	.05

Roller Bearing Boxes and Insulations, pages 50 and 51.

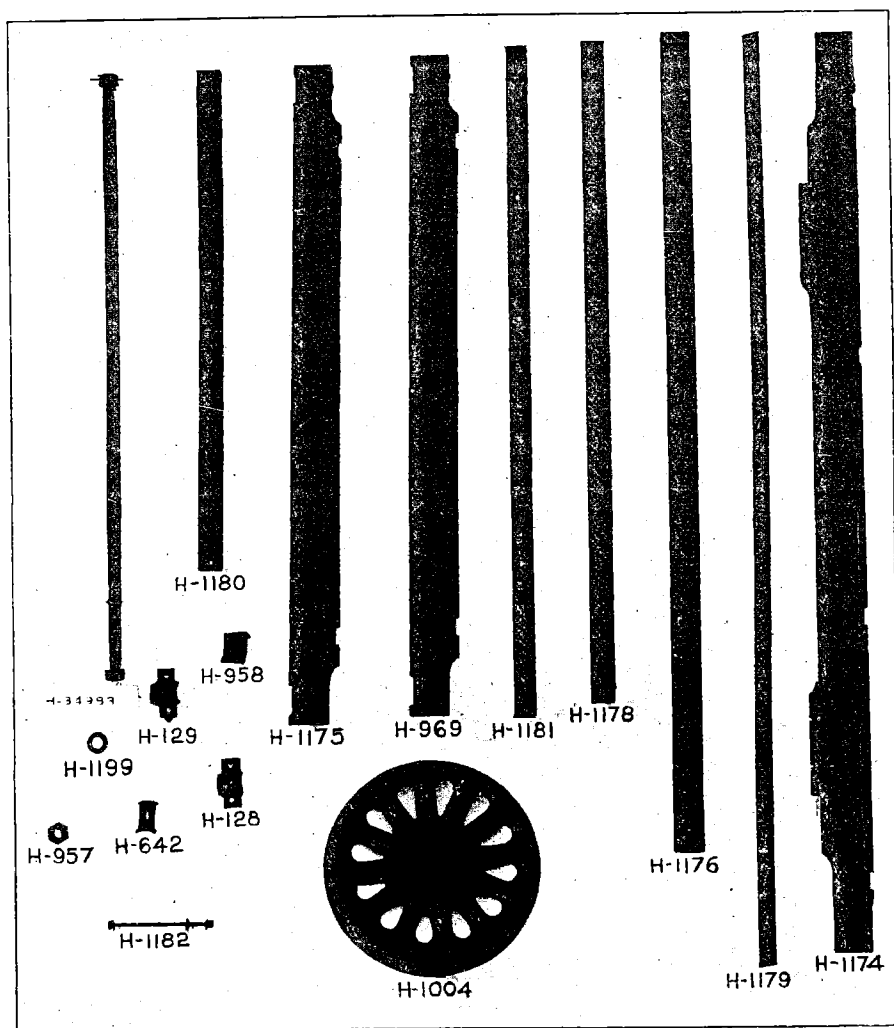


Sheffield No. 4 Push Car

This Car is standard with 20 inch steel wheels, 1 $\frac{1}{2}$ inch taper fit axles, 4 ft., 8 $\frac{1}{2}$ inch gauge.

Repair Price List Sheffield No. 4 Push Car

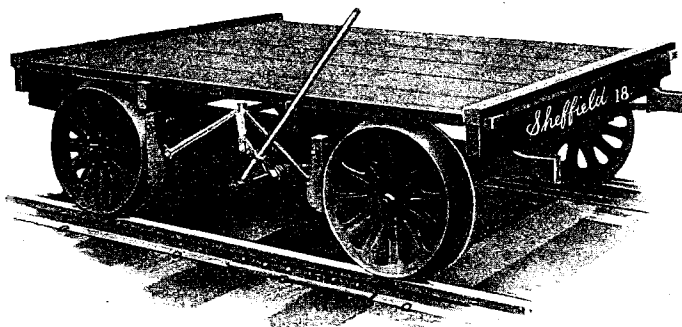
Symbol	Name of Part	List
Main Frame		
H1173	Main frame complete with deck, cleats and straps.....	\$35.50
H1833	Main frame only without deck or cleats.....	24.75
H1174	Main frame long rail with axle box filler block.....	2.70
H1175	Main frame cross rail, end.....	2.40
H 969	Main frame cross rail, middle.....	1.85
H1180	Main frame cross brace (under long rail).....	1.00
H1179	Main frame diagonal brace.....	1.15
H1176	Main frame top rave.....	1.75
Deck		
H1177	Deck complete (deck boards only).....	8.25
H1178	Deck cleat.....	.60
H1181	Deck cleat strap.....	.65
Axle Boxes		
H1821	Axle box complete with axle box base, oil cellar, felt, journal bearing. (Bolt ends not included).....	.67
H 128	Axle box base.....	.20
H 642	Axle box journal bearing.....	.40
H 129	Axle box oil cellar.....	.20
H 958	Axle box oil cellar felt.....	.04
H1182	Axle box bolt end with nuts and cut washer.....	.17



SHEFFIELD NO. 4 PUSH CAR

Symbol	Name of Part	List
Wheels and Axles		
H1004	Steel wheel, 20 inch diameter, $\frac{1}{4}$ inch stock, taper bore $1\frac{1}{8}$ to $1\frac{1}{2}$ inch. Price on application	
H34983	Loose axle, $1\frac{1}{2}$ inch diameter complete with nuts, cotter and washers.	5.00
H 957	Loose axle end nut	.16
H1199	Loose axle end washer	.07

Roller Bearing Boxes and Insulations, pages 50 and 51.



Sheffield No. 18 Push Car

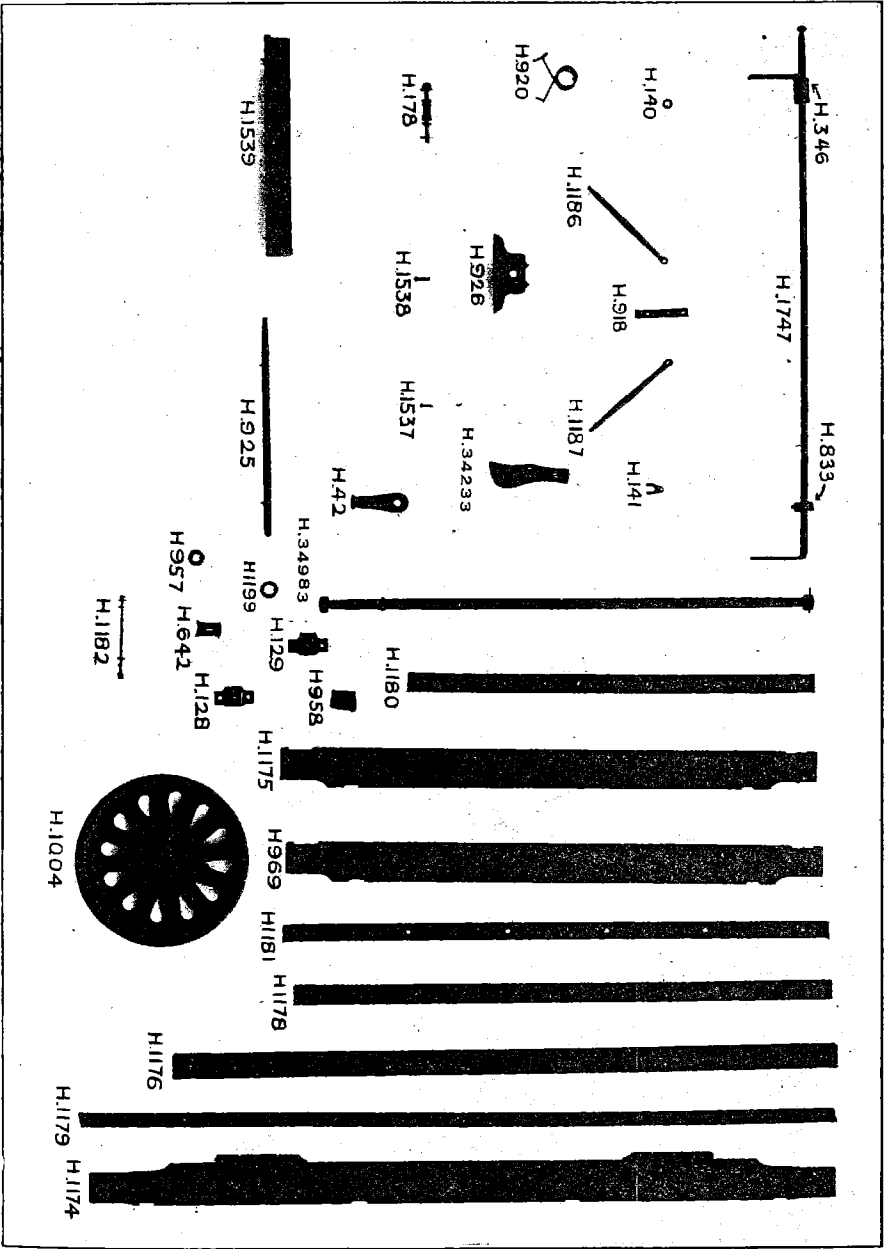
This Car is standard with 20 inch steel wheels, $1\frac{1}{2}$ inch taper fit axles, 4 ft., $8\frac{1}{2}$ inch gauge.

Repair Price List Sheffield No. 18 Push Car

This Car is No. 4 Push Car with socket lever brake.
"Right Hand" side of car is brake handle side.

Parts not listed below are the same as No. 4 Push Car.

Symbol	Name of Part	List
Brake		
H1755	Brake complete	\$21.70
H1750	Brake shaft complete, includes H1747, H920, H925 and H42	13.40
H1747	Brake shaft with collars	8.75
H 833	Brake shaft set collar with set screw	.55
H 346	Brake shaft spring collar	.24
H 920	Brake spring	.85
H 925	Brake lever handle	.95
H 42	Brake lever handle socket	.80
H 926	Brake shaft box complete	.70
H1539	Brake handle box complete (for carrying brake handle when not in brake handle socket)	.65
H1186	Brake toggle lever, tongue end	.42
H1187	Brake toggle lever, jaw end	.42
H 141	Brake toggle lever hook	.07
H 918	Brake toggle link	.45
H1537	Brake toggle link short pin complete with cotter	.10
H1538	Brake toggle link long pin complete with cotter	.10
H34233	Brake shoe	.35
H 178	Brake stud complete with nut, cotter and washers	.30
H 140	Brake stud cast washer	.05



SHEFFIELD NO. 18 PUSH CAR

Special and Old Style Parts Price List Sheffield Nos. 4 and 18 Push Cars

Symbol	Name of Part	List
H1031	1½ inch axle, straight fit (specify gauge).....	\$ 4.70
H 206	Journal bearing, old style, 3⅞ inches long.....	.50
H 219	Journal bearing, old style, heavy pattern (interchanges with H642).....	.55
H 996	Steel wheel, 20 inch diameter, taper bore 1⅜ to 1⅝ inch for insulation for 1½ inch taper axle.....	Price on application
H1002	Steel wheel, 20 inch diameter, 1⅝ inch straight bore, key-seated.....	Price on application
H1003	Steel wheel, 20 inch diameter, 1⅝ inch straight bore, smooth.....	Price on application
H1010	Wood center wheel, 20 inch diameter, taper bore 1⅞ to 1⅝ inch.....	Price on application
H1011	Wood center wheel, 20 inch diameter, 1⅝ inch straight bore, keyseated.....	Price on application
H1012	Wood center wheel, 20 inch diameter, 1⅝ inch straight bore, smooth.....	Price on application

Roller Bearing Boxes and Insulations, pages 50 and 51.

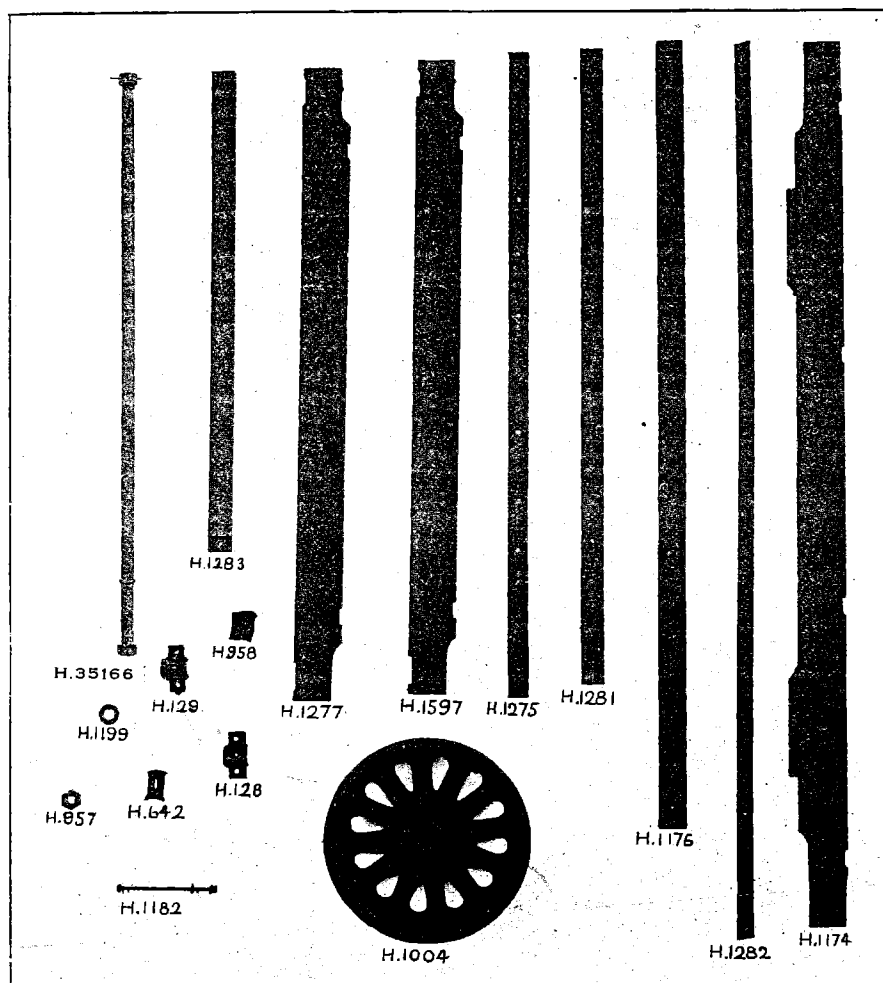
Repair Price List Sheffield No. 32 Push Car

This Car is standard with 20 inch steel wheels, 1½ inch taper fit axles, 36 inch gauge,
it is Narrow Gauge form of No. 4 Push Car.

Specify gauge of track when ordering repairs for main frame, cross rails
and braces, deck parts and axles.

Symbol	Name of Part	List
Main Frame		
H1834	Main frame complete with deck, cleats and straps.....	\$32.00
H1276	Main frame complete (without deck, cleats and straps).....	22.00
H1174	Main frame long rail with axle box filler block.....	2.70
H1277	Main frame cross rail, end (specify gauge of track).....	1.90
H1597	Main frame cross rail, middle (specify gauge of track).....	1.75
H1283	Main frame cross brace (specify gauge of track).....	.50
H1282	Main frame diagonal brace (specify gauge of track).....	.95
H1176	Main frame top rave.....	1.75
Deck		
H1280	Deck complete (deck boards only) (specify width of deck).....	7.40
H1281	Deck cleat (specify width of deck).....	.50
H1275	Deck cleat strap (specify width of deck).....	.80
Axle Boxes		
H1821	Axle box complete with axle box base, oil cellar, felt, journal bearing (Bolt ends not included).....	.67
H 128	Axle box base.....	.20
H 642	Axle box journal bearing.....	.40
H 129	Axle box oil cellar.....	.20
H 958	Axle box oil cellar felt.....	.04
H1182	Axle box bolt end complete with nuts and cut washers.....	.17
Wheels and Axles		
H1004	Steel wheel, 20 inch diameter, ¼ inch stock, taper bore 1⅞ to 1⅝ inch Price on application.....	4.70
H35166	Loose axle complete with nuts and washers (specify gauge of track).....	.16
H 957	Loose axle end nut.....	.07
H1199	Loose axle washer.....	

Roller Bearing Boxes and Insulations, pages 50 and 51.



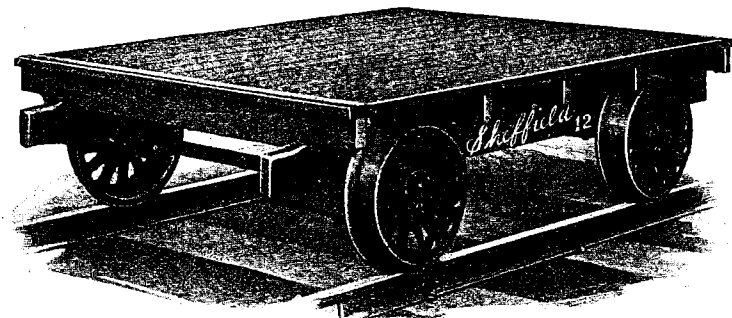
SHEFFIELD NO. 32 PUSH CAR

Sheffield No. 12 Push Car

This Car is standard with 20 inch steel wheels, 2 inch axles,
4 foot, 8½ inch gauge

Repair Price List Sheffield No. 12 Push Car

Symbol	Name of Part	List
Main Frame		
H1835	Main frame complete with deck and straps.....	\$36.50
H1254	Main frame complete (without deck and straps).....	25.00
H1256	Main frame long rail.....	2.40
H1257	Main frame cross rail.....	1.85
H1261	Main frame cross brace (under main frame long rails).....	.85
H1263	Main frame diagonal brace.....	1.15
H1267	Main frame top rave.....	1.85



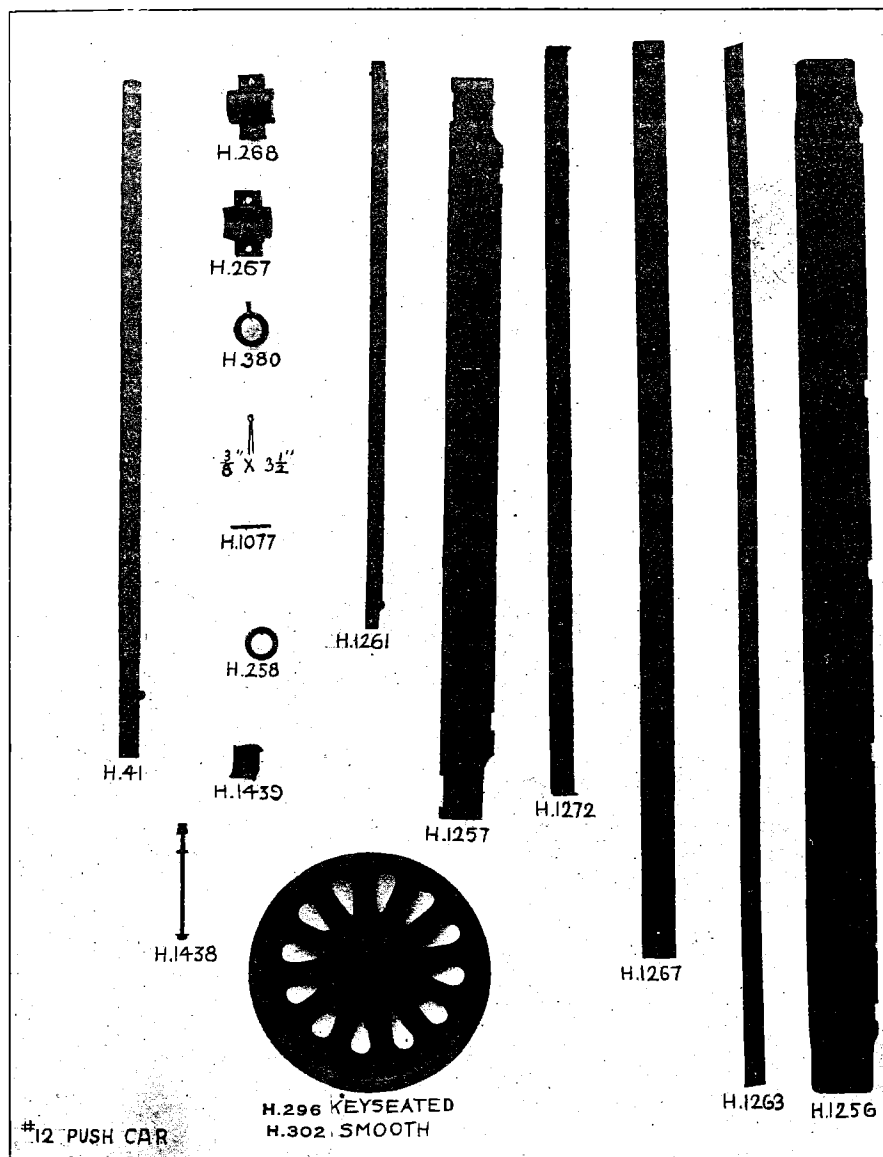
SHEFFIELD NO. 12 PUSH CAR

<i>Symbol</i>	<i>Name of Part</i>	<i>List</i>
Deck		
H1265	Deck complete (deck boards only)	\$10.00
H1272	Deck end strap	.80
Axle Boxes		
H1822	Axle box complete with axle box base, oil cellar and felt. (Bolt ends not included)	1.35
H 267	Axle box base	.75
H 268	Axle box oil cellar	.40
H1439	Axle box oil cellar felt	.04
H1242	Axle box bolt end with nuts and washers	.20
Wheels and Axles		
H 296	Steel wheel, 20 inch diameter, $\frac{1}{4}$ inch stock, $1\frac{7}{8}$ inch straight bore, keyseated	Price on application
H 302	Steel wheel, 20 inch diameter, $\frac{1}{4}$ inch stock, $1\frac{7}{8}$ inch straight bore, smooth	Price on application
H 41	Loose axle, 2 inch diameter, complete with washers	4.10
H 380	Axle set collar complete with set screw	.85
H 258	Axle washer	.15
H1077	Axle wheel key	.20

Special Parts for No. 12 Push Car

<i>Symbol</i>	<i>Name of Part</i>	<i>List</i>
H1842	Steel wheel, 20 inch diameter, $\frac{1}{4}$ inch stock, taper bore $2\frac{5}{8}$ to $1\frac{1}{2}$ inch for insulation for 2 inch axle	Price on application
H 829	2 inch axle complete with nut, washers and cotter pin. One end tapered for insulated wheel, other end straight for regular loose wheel	\$ 8.15

This axle is also used for Hyatt bearings on insulated and non-insulated cars.



SHEFFIELD NO. 12 PUSH CAR

Sheffield No. 33 Push Car

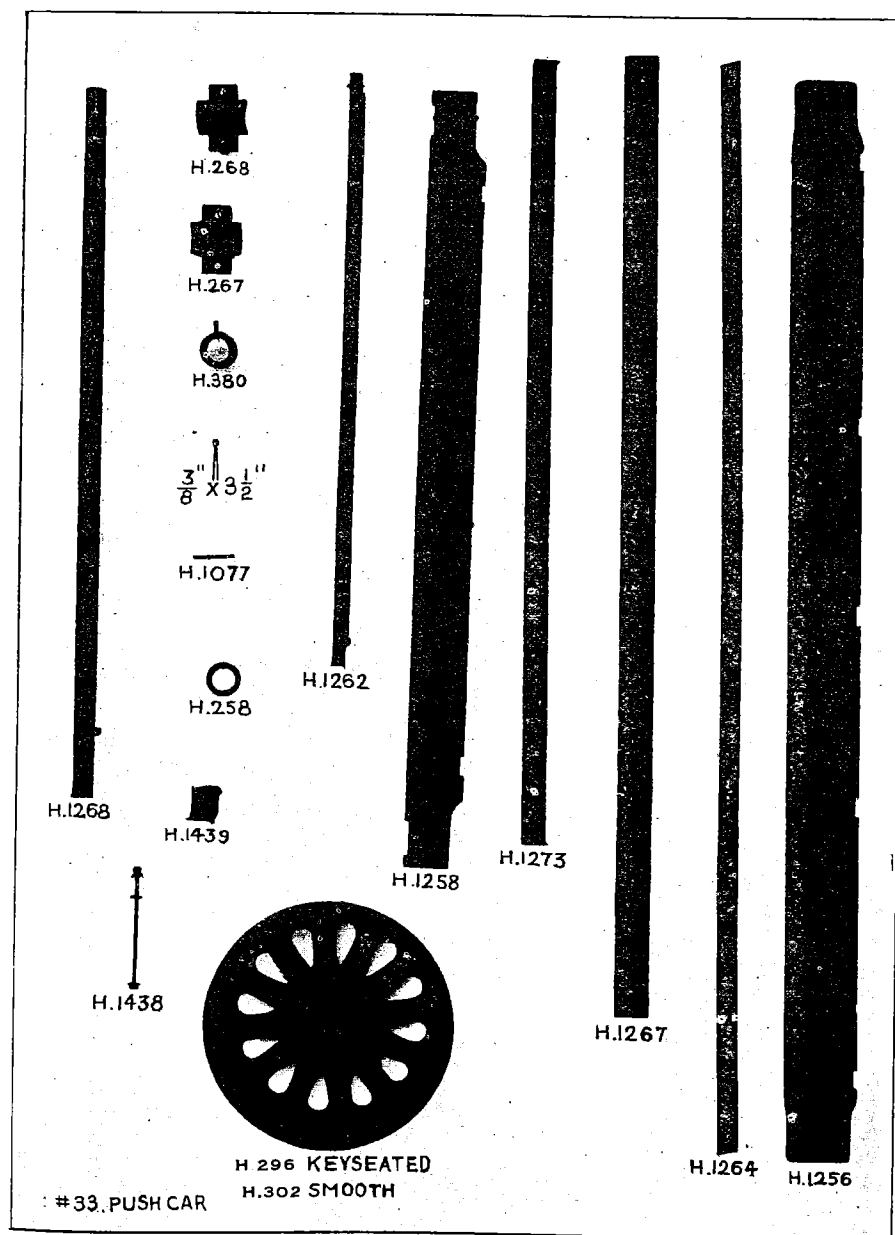
No. 33 Push Car is standard with 20 inch steel wheels, 2 inch axles
36 inch gauge

Repair Price List Sheffield No. 33 Push Car

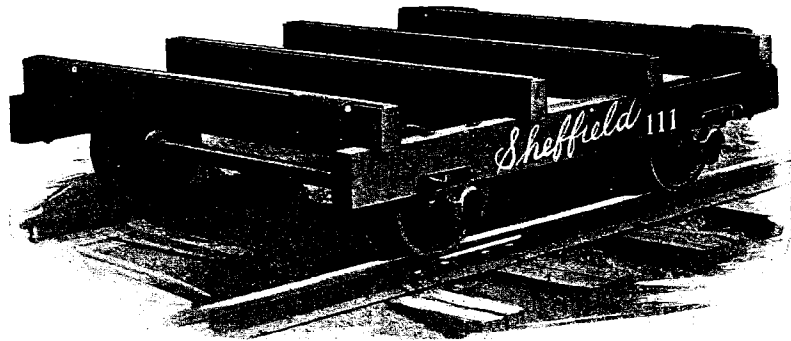
This Car is Narrow Gauge form of No. 12 Push Car.

Specify gauge of track when ordering repairs for main frame cross rails
and braces, deck parts and axles.

<i>Symbol</i>	<i>Name of Part</i>	<i>List</i>
Main Frame		
H1836	Main frame complete with deck and straps	\$31.50
H1255	Main frame complete (without deck and straps)	21.00
H1256	Main frame long rail	2.40
H1258	Main frame cross rail (specify gauge of track)	1.65
H1262	Main frame cross brace (specify gauge of track)	.70
H1264	Main frame diagonal brace (specify gauge of track)	.65
H1267	Main frame top rave	1.85
Deck		
H1266	Deck complete (deck boards only, specify width of deck)	9.00
H1273	Deck end strap (specify width of deck)	.75
Axle Boxes		
H1822	Axle box complete with axle box base, oil cellar and felt. (Bolt ends not included)	1.35
H 267	Axle box base	.75
H 268	Axle box oil cellar	.40
H1439	Axle box oil cellar felt	.04
H1242	Axle box bolt end complete with nuts and cut washer	.20
Wheels and Axles		
H 296	Steel wheel, 20 inch diameter, $\frac{1}{4}$ inch stock, $1\frac{1}{8}$ inch straight bore, keyseated.	Price on application
H 302	Steel wheel, 20 inch diameter, $\frac{1}{4}$ inch stock, $1\frac{1}{8}$ inch straight bore, smooth.	Price on application
H1268	Loose axle comp. with washer (specify gauge of track)	6.25
H 380	Axle set collar complete with set screw	.85
H 258	Axle washer	.15
H1077	Axle wheel key	.20



SHEFFIELD NO. 33 PUSH CAR

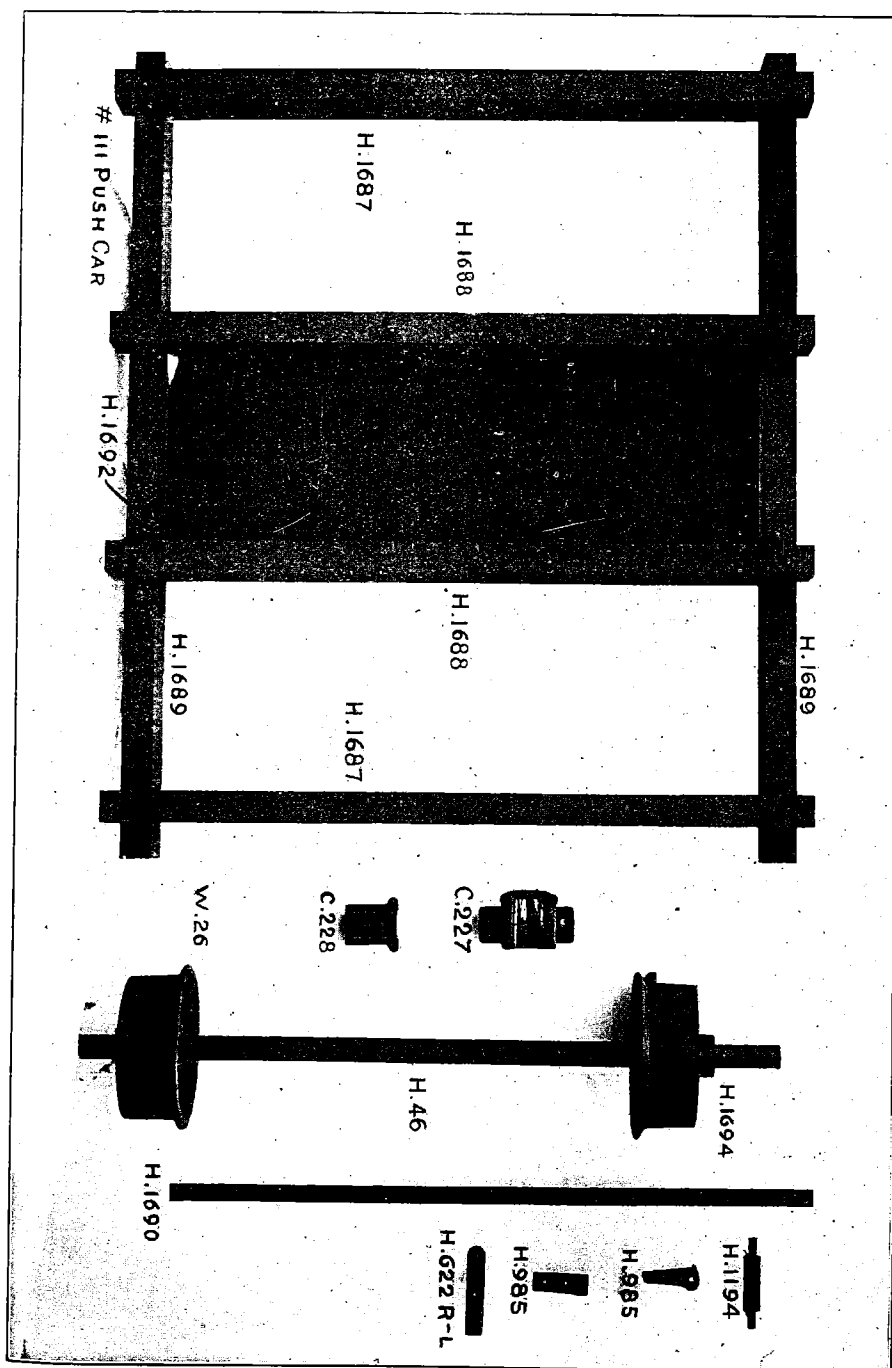


Sheffield No. 111 Push Car

This Car is standard with 16 inch chilled cast iron wheels, $2\frac{3}{4}$ inch axles, 4 ft. $8\frac{1}{2}$ inch gauge.

Repair Price List Sheffield No. 111 Push Car

Symbol	Name of Part	List
Main Frame		
H1695	Main frame complete with tool box.....	\$33.00
H1689	Main frame long rail.....	4.40
H1687	Main frame cross rail, end.....	3.00
H1688	Main frame cross rail, middle.....	3.00
H1691	Tool box bottom.....	2.70
H1692	Tool box end filler board.....	.20
H1693	Tool box bottom cleat.....	.65
Draw Hooks, Rail Straps, Loading Rolls and Brackets		
H 622R	Draw hook, R. H.....	1.00
H 622L	Draw hook, L. H.....	1.00
H1690	Cross rail steel strap.....	1.25
H1194	Loading roll.....	1.70
H 985	Loading roll bracket.....	.60
Wheels, Axles and Boxes		
W 26	Cast iron wheel, 16 inch diameter, $5\frac{1}{2}$ inch chilled tread, $2\frac{11}{16}$ inch straight smooth bore.....	20.00
H 46	Loose axle, $2\frac{3}{4}$ inch diameter (one end press wheel fit, other end running wheel fit).....	13.70
H1694	Axle set collar complete with set screw.....	1.42
C 227	Axle box base.....	3.35
C 228	Axle box oil cellar.....	.85



SHEFFIELD NO. 111 PUSH CAR

Sheffield Roller Bearing Boxes for Hand Cars

<i>Symbol</i>	<i>Name of Part</i>	<i>List</i>
H1284	Sheffield roller bearing box, complete with rolls and washer for 1½ inch sills and 1½ inch axles for Nos. 1, 2, 9, 20, 31 and 139 cars only.....	\$ 1.70
H 76	Roller bearing box only for same.....	.85
H1097	Bolt end with nuts for above.....	.15
H1753	Sheffield roller bearing box, complete with rolls and washers for 1¼ inch sills and 1½ inch axles, for Nos. 45 and 47 cars only.....	1.70
H1737	Roller bearing box only for same.....	.85
H1285	Rolls for above boxes ¾ inch x 2 1/8 inch, 15 per box, each.....	.05
H1286	Washer for above boxes.....	.10
H1812	Sheffield roller bearing box, complete with rolls and washer for No. 28 hand car.....	2.25
H 338	Roller bearing box only for above.....	1.40
H 742	Rolls for box above 1/8 inch x 3 inch, 15 per box, each.....	.05
H 741	Washer for box above.....	.10
H1242	Bolt end with nuts for above.....	.20

Sheffield Roller Bearing Boxes for Push Cars

<i>Symbol</i>	<i>Name of Part</i>	<i>List</i>
H1781	Sheffield roller bearing box, complete with rolls and washer for 1¾ inch sills and 1½ inch axles, for Nos. 4, 18 and 32 Push Cars.....	\$ 1.70
H 738	Roller bearing box only for above.....	.85
H1242	Bolt end with nuts for above.....	.20
H1285	Rolls for box above ¾ inch x 2 1/8 inch, 15 per box, each.....	.05
H1286	Washer for box above.....	.10

Hyatt Roller Bearing Boxes

<i>Symbol</i>	<i>Name of Part</i>	<i>List</i>
H21658	Hyatt roller bearing and box complete with bolt ends for Nos. 1-2-9-20-31-45 and 139 Hand Cars 1½ inch axle.....	Price on Application
H21673	Hyatt roller bearing and box complete with bolt ends for Nos. 4-18-32 Push Cars 1½ inch axle.....	
H21657	Axle box only for above.....	
HG8362	Hyatt roller bearing with lining for above.....	
H415640	End cover plate.....	
HG5530	Cover plate bolt with nuts.....	
H415639	Spacing washer.....	
H415645	Axle box bolt end with nuts and cut washers, 7½ inches long, for Hand Cars.....	
H1242	Axle box bolt end with nuts and cut washers, 10½ inches long, for Push Cars.....	
H1844	Axle box complete with cover plates, bolts, washer and bolt ends, but not Hyatt bearing and lining, for Hand Cars.....	
H1845	Axle box complete with cover plates, bolts, washer and bolt ends, but not Hyatt bearing and lining, for Push Cars.....	

Insulations for Sheffield Hand and Push Cars

<i>Symbol</i>	<i>Name of Part</i>	<i>List</i>
H1442	Insulation complete for axles 1 3/8 inch taper wheel fit, includes one fiber bushing, two fiber washers and one steel washer, as follows.....	\$.75
H 706	Fiber bushing (taper) for axles with 1 3/8 inch taper wheel fit.....	.30
H 876	Steel washer 1 3/8 inch taper bore for 1 1/4 inch taper axle.....	.20

Symbol	Name of Part	List
H 896	Fiber washer $1\frac{3}{16}$ inch diameter hole for $1\frac{1}{4}$ inch taper axle.....	\$.15
H 704	Fiber washer $\frac{1}{8}$ inch diameter hole for $1\frac{1}{4}$ inch taper axle.....	.15
H1443	Insulation complete for $1\frac{1}{2}$ inch taper axle, $1\frac{7}{16}$ inch taper wheel fit, includes one fiber bushing, two fiber washers and one steel washer, as follows.....	.75
H 702	Fiber bushing (taper) for $1\frac{1}{2}$ inch taper axle, $1\frac{7}{16}$ inch taper wheel fit....	.30
H 877	Steel washer $1\frac{7}{16}$ inch taper bore for $1\frac{1}{2}$ inch taper axle.....	.20
H 895	Fiber washer $1\frac{7}{16}$ inch diameter hole for $1\frac{1}{2}$ inch taper axle.....	.15
H 700	Fiber washer $1\frac{3}{16}$ inch diameter hole for $1\frac{1}{2}$ inch taper axle.....	.15
H1444	Insulation complete for $1\frac{3}{4}$ inch taper axle, $1\frac{11}{16}$ inch taper wheel fit, includes one fiber bushing, two fiber washers and one steel washer, as follows.....	1.00
H 902	Fiber bushing (taper) for $1\frac{3}{4}$ inch taper axle $1\frac{11}{16}$ inch taper wheel fit....	.50
H 878	Steel washer $1\frac{11}{16}$ inch taper bore for $1\frac{3}{4}$ inch taper axle.....	.25
H 887	Fiber washer $1\frac{3}{4}$ inch diameter hole for $1\frac{3}{4}$ inch taper axle.....	.15
H 886	Fiber washer $1\frac{3}{16}$ inch diameter hole for $1\frac{3}{4}$ inch taper axle.....	.15
H1445	Insulation complete for 2 inch taper axle $1\frac{15}{16}$ inch taper wheel fit, includes one fiber bushing, two fiber washers and one steel washer, as follows.....	1.10
H 903	Fiber bushing (taper) for 2 inch taper axle $1\frac{15}{16}$ inch taper wheel fit....	.50
H 879	Steel washer $1\frac{15}{16}$ inch taper bore for 2 inch taper axle.....	.25
H 889	Fiber washer $1\frac{15}{16}$ inch diameter hole for 2 inch taper axle.....	.20
H 888	Fiber washer $1\frac{3}{8}$ inch diameter hole for 2 inch taper axle.....	.20

Sheffield Hand and Push Cars

FAIRBANKS, MORSE & CO.

(INCORPORATED)
CHICAGO, ILLINOIS

Atlanta, Ga.
Baltimore, Md.
Boston, Mass.
Cincinnati, Ohio.
Cleveland, Ohio.
Dallas, Texas.
Denver, Colo.
Des Moines, Iowa.
Detroit, Mich.
Indianapolis, Ind.
Jacksonville, Fla.
Kansas City, Mo.
Los Angeles, Cal.

Louisville, Ky.
Milwaukee, Wis.
Minneapolis, Minn.
New Orleans, La.
New York, N. Y.
Omaha, Neb.
Portland, Ore.
Salt Lake City, Utah
San Francisco, Cal.
Seattle, Wash.
Spokane, Wash.
St. Louis, Mo.
St. Paul, Minn.
Stuttgart, Ark.

London, England.

Fairbanks-Morse Co. (Australasia) Limited

Sydney, Australia

The Canadian Fairbanks-Morse Co., Limited

St. John.
Quebec.
Montreal.

Ottawa.
Toronto.
Windsor.
Winnipeg.

Regina.
Calgary.
Vancouver.