



Contents	Description	Contents	Description
J1244	Wrench, Combination 1-3/8" 12 PT	J3824	Wrench, Flare Nut Ratcheting 3/4"
J1246	Wrench, Combination 1-7/16" 12 PT	J1725	Wrench, Obstruction 7/16" x 1/2"
J1248	Wrench, Combination 1-1/2" 12 PT	J1730	Wrench, Obstruction 9/16" x 5/8"
J4912CF	Wrench, Crowfoot 3/8" DR 3/8" Open End	J1731	Wrench, Obstruction 5/8" x 3/4"
J4914CF	Wrench, Crowfoot 3/8" DR 7/16" Open End	J814HD	Wrench, Pipe Heavy-Duty 14"
J4916CF	Wrench, Crowfoot 3/8" DR 1/2" Open End	J818HD	Wrench, Pipe Heavy-Duty 18"
J4918CF	Wrench, Crowfoot 3/8" DR 9/16" Open End	J1191T-A	Wrench, Ratcheting Box 1/4" x 5/16" 12 PT
J4920CF	Wrench, Crowfoot 3/8" DR 5/8" Open End	J1192T-A	Wrench, Ratcheting Box 3/8" x 7/16" 12 PT
J4922CF	Wrench, Crowfoot 3/8" DR 11/16" Open End	J1193T-A	Wrench, Ratcheting Box 1/2" x 9/16" 12 PT
J4924CF	Wrench, Crowfoot 3/8" DR 3/4" Open End	J1194-A	Wrench, Ratcheting Box 5/8" x 11/16" 12 PT
J4926CF	Wrench, Crowfoot 3/8" DR 13/16" Open End	J1195-A	Wrench, Ratcheting Box 3/4" x 7/8" 12 PT
J4928CF	Wrench, Crowfoot 3/8" DR 7/8" Open End	J1270-12	Wrench, Swivel Combination 3/8" 12 PT
J3812	Wrench, Flare Nut Ratcheting 3/8"	J1270-14	Wrench, Swivel Combination 7/16" 12 PT
J3814	Wrench, Flare Nut Ratcheting 7/16"	J1270-16	Wrench, Swivel Combination 1/2" 12 PT
J3820	Wrench, Flare Nut Ratcheting 5/8"	J1270-18	Wrench, Swivel Combination 9/16" 12 PT
J3816	Wrench, Flare Nut Ratcheting 1/2"	J1270-20	Wrench, Swivel Combination 5/8" 12 PT
J3818	Wrench, Flare Nut Ratcheting 9/16"	J1270-22	Wrench, Swivel Combination 11/16" 12 PT
J3822	Wrench, Flare Nut Ratcheting 11/16"	J1270-24	Wrench, Swivel Combination 3/4" 12 PT

## PROTO® MASTER SET CONVERSION CHART

Product ID No.	# of Pieces	Description	Suggested Replacement	# of Pieces	Description
J99950	1026	Master Technician Maintenance Set	JCS-1046MAS	1046	Master Technician Maintenance Set
J99951	1026	Master Technician Maintenance Set With Box	JCS-1046MASBX1	1046	Master Technician Maintenance Set With Box
J99952	1026	Master Technician Maintenance Set With Box	JCS-1046MASBX2	1046	Master Technician Maintenance Set With Box
J99940	821	Master Technician Maintenance Set	JCS-0833MAS	833	Master Technician Maintenance Set
J99941	821	Master Technician Maintenance Set With Box	JCS-0833MASBX1	833	Master Technician Maintenance Set With Box
J99942	821	Master Technician Maintenance Set With Box	JCS-0833MASBX2	833	Master Technician Maintenance Set With Box
J99930	613	Master Technician Maintenance Set	JCS-0613MAS	613	Master Technician Maintenance Set
J99931	613	Master Technician Maintenance Set With Box	JCS-0613MASBX1	613	Master Technician Maintenance Set With Box
J99932	613	Master Technician Maintenance Set With Box	JCS-0613MASBX2	613	Master Technician Maintenance Set With Box
J99670	254	Advanced Maintenance Set	JCS-0334MAS	334	Advanced Maintenance Set
J99671	254	Advanced Maintenance Set With Box	JCS-0334MASBX1	334	Advanced Maintenance Set With Box
J99672	254	Advanced Maintenance Set With Box	JCS-0334MASBX2	334	Advanced Maintenance Set With Box
J99560	355	Metric Master Set	JCS-0558MAS	558	Metric Master Set
J99561	355	Metric Master Set With Box	JCS-0558MASBX2	558	Metric Master Set With Box
J99562	355	Metric Master Set With Box	JCS-0558MASBX1	558	Metric Master Set With Box
J98240	111	Avionics Technician's Set	JTS-0149AVI	149	Avionics Technician's Set
J98241	111	Avionics Technician's Set With Box	JTS-0149AVIBX1	149	Avionics Technician's Set With Box
J98220	99	Aircraft Mechanic's Starter Set	JTS-0116AIR	116	Aircraft Mechanic's Starter Set
J98200	264	Aircraft Maintenance Set	JTS-0411AIR	411	Aircraft Maintenance Set
J98201	264	Aircraft Maintenance Set With Box	JTS-0411AIRBX2	411	Aircraft Maintenance Set With Box
J98202	264	Aircraft Maintenance Set With Box	JTS-0411AIRBX1	411	Aircraft Maintenance Set With Box
J98140	40	Railroad Carman's Set	JTS-0067RR	67	Railroad Carman's Set
J98141	40	Railroad Carman's Set With Box	JTS-0067RRBX1	67	Railroad Carman's Set With Box
J98130	80	Railroad Pipefitter's Set	JTS-0107RR	107	Railroad Pipefitter's Set
J98131	80	Railroad Pipefitter's Set With Box	JTS-0107RRBX1	107	Railroad Pipefitter's Set With Box
J98120	80	Railroad Machinist's Set	JTS-0089RR	89	Railroad Machinist's Set
J98121	80	Railroad Machinist's Set With Box	JTS-0089RRBX1	89	Railroad Machinist's Set With Box
J98110	129	Railroad Electrician's Set	JTS-0141RR	141	Railroad Electrician's Set
J98111	129	Railroad Electrician's Set With Box	JTS-0141RRBX1	141	Railroad Electrician's Set With Box
J98100	156	Railroad Roadway Mechanic's Set	JTS-0172RR	172	Railroad Roadway Mechanic's Set
J98101	156	Railroad Roadway Mechanic's Set With Box	JTS-0172RRBX1	172	Railroad Roadway Mechanic's Set With Box
90-732	19	Electrician's Tool Set	JTS-0025ELEC	25	Electrician's Tool Set
90-731	23	Plumber's Tool Set	JTS-0037PLUM	37	Plumber's Tool Set
90-730	21	Contractor's Tool Set	JTS-0030CONT	30	Contractor's Tool Set

## 1046 PC MASTER TECHNICIAN MAINTENANCE SET WITH WORKSTATION J455743-13RD

Product #: **JCS-1046MASBX1**



- › 1046 Pieces.
- › 1/4", 3/8", 1/2", 3/4" Drive Tools.
- › Designed for fastener sizes 1/16" - 2-3/8", 2 mm - 24 mm.
- › Contains: 441 Sockets and Accessories, 237 Wrenches, 41 Striking and Struck Tools, 25 Pliers, 83 Screwdrivers, 219 Miscellaneous Tools.
- › Modules contained: JCS-MAS-1, JCS-MAS-2, JCS-MAS-3, JCS-MAS-4, JCS-MAS-5, JCS-MAS-6, JCS-MOD1046.
- › Enhanced version of Proto® J99951 Master Technician's Maintenance set.
- › Weight: 1137.0 lbs.



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## 1046 PC MASTER TECHNICIAN MAINTENANCE SET WITH WORKSTATION J445442-14RD

Product #: **JCS-1046MASBX2**



- › 1046 Pieces.
- › 1/4", 3/8", 1/2", 3/4" Drive Tools.
- › Designed for fastener sizes 1/16" - 2-3/8", 2 mm - 24 mm.
- › Contains: 441 Sockets and Accessories, 237 Wrenches, 41 Striking and Struck Tools, 25 Pliers, 83 Screwdrivers, 219 Miscellaneous Tools.
- › Modules contained: JCS-MAS-1, JCS-MAS-2, JCS-MAS-3, JCS-MAS-4, JCS-MAS-5, JCS-MAS-6, JCS-MOD1046.
- › Enhanced version of Proto® J99952 Master Technician's Maintenance set.
- › Weight: 847.0 lbs.



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MASTER SETS



ADVANCED SETS