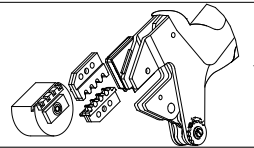


DIE SET DATA			
Crib#	Outside Sales#	Product family	Rennsteig Tool P/N
9X01008	33228783	Ducon 1.5 SLD	R624 417 3 012 DEL
9X01009	33228786	Ducon 1.5 / 2.8	R624 427 3 012 DEL
9X00901	13782640	DHD 1.6	R624 1447 3 01 DEL
9X00902	13782641	Weather Pack Sealed	R624 1476 3 012 DEL
9X00903	13782642	Micro Pack 100W	R624 1480 3 01 DEL
9X00904	13782643	Metri Pack 630 P2S	R624 1481 3 012 DEL
9X00905	13782644	Metri Pack 630 Sealed	R624 1482 3 012 DEL
9X00906	13782645	Metri Pack 630 P2S	R624 1483 3 012 DEL
9X00907	13782646	Metri Pack 630 Sealed	R624 1484 3 012 DEL
9X00908	13782647	GT 280 Unsealed	R624 1485 3 012 DEL
9X00909	13782648	GT 280 Sealed	R624 1486 3 012 DEL
9X00910	13782649	GT 150 Unsealed	R624 1487 3 012 DEL
9X00911	13782650	GT 150 Sealed	R624 1488 3 012 DEL
9X00912	13782651	GT 150 Sealed	R624 1489 3 012 DEL
9X00913	13782652	Metri Pack 150 P2S	R624 1490 3 012 DEL
9X00914	13782653	MTS-B - Micro Term System 0.64 for USA Micro Term.System 0.64 for US	R624 1491 3 012 DEL
9X00915	13782654	GT 280 Sealed	R624 1492 3 012 DEL
9X00916	13782655	GT 280 Unsealed	R624 1493 3 012 DEL
9X00917	13782656	Metri Pack 150 Sealed	R624 1494 3 012 DEL
9X00918	13782657	Metri Pack 150 Sealed	R624 1495 3 012 DEL
9X00919	13782658	Metri Pack 150 Unsealed	R624 1496 3 012 DEL
9X00920	13782659	Metri Pack 150 Unsealed	R624 1497 3 012 DEL
9X00921	13782660	Metri Pack 280 Sealed	R624 1498 3 012 DEL
9X00922	13782661	Metri Pack 280 P2S	R624 1499 3 012 DEL
9X00923	13782662	Metri Pack 280 P2S	R624 1500 3 012 DEL
9X00924	13782663	Metri Pack 280 Sealed	R624 1501 3 012 DEL
9X00925	13782664	Metri Pack 280 Sealed	R624 1502 3 012 DEL
9X00926	13782665	Metri Pack 280 Sealed	R624 1503 3 012 DEL
9X00927	13782666	Metri Pack 280 Unsealed	R624 1504 3 012 DEL
9X00928	13782667	Metri Pack 280 Unsealed	R624 1505 3 012 DEL
9X00929	13782668	Metri Pack 280 Unsealed	R624 1506 3 012 DEL
9X00930	13782669	Metri Pack 280 Unsealed	R624 1507 3 012 DEL
9X00931	13782670	Metri Pack 280 Unsealed	R624 1508 3 012 DEL
9X00932	13782671	Metri Pack 630 Unsealed	R624 1509 3 012 DEL
9X00933	13782672	Metri Pack 630 Unsealed	R624 1510 3 012 DEL
9X00934	13782673	Metri Pack 630 Unsealed	R624 1511 3 012 DEL
9X00935	13782674	Metri Pack 630 Unsealed	R624 1512 3 012 DEL
9X00936	13782675	Metri Pack 280 Sealed	R624 1513 3 012 DEL
9X00937	13782676	Metri Pack 630 Sealed	R624 1515 3 012 DEL
9X00938	13782677	Metri Pack 480 Sealed	R624 1516 3 012 DEL
9X00939	13782678	Metri Pack 480 Sealed	R624 1517 3 012 DEL
9X00940	13782679	Metri Pack 480 Sealed	R624 1518 3 012 DEL
9X00941	13782680	Metri Pack 480 Unsealed	R624 1519 3 012 DEL
9X00942	13782681	Metri Pack 480 Unsealed	R624 1520 3 012 DEL
9X00943	13782682	Metri Pack 480 Unsealed	R624 1521 3 012 DEL
9X00944	13782683	Metri Pack 150 Sealed	R624 1527 3 012 DEL
9X00945	13782684	Weather Pack Sealed	R624 1528 3 012 DEL
9X00946	13782685	Metri Pack 280 Sealed	R624 1529 3 012 DEL
9X00947	13782686	Metri Pack 150 Unsealed	R624 1530 3 012 DEL
9X00948	13782687	Metri Pack 480 Unsealed	R624 1531 3 012 DEL
9X00949	13782688	Mirco Pack 100 Unsealed	R624 1532 3 012 DEL
9X00950	13782689	Mirco Pack 100 Unsealed	R624 1533 3 012 DEL
9X00951	13782690	Micro Pack 100W	R624 1534 3 01DEL
9X00952	13782691	DHD 1.6	R624 1535 3 01 DEL
9X00953	13782692	DHD 1.6	R624 1536 3 01DEL
9X00954	13782693	Metri Pack 480 Sealed	R624 1537 3 012 DEL

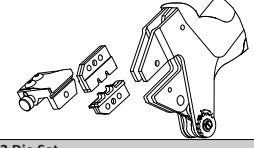
SYSTEM TOOLS OVERVIEW				
Crib#	Outside Sales#	Picture	Description	Rennsteig Tool P/N
6C01806	13782721		Crimp System Tool PEW 12 Rennsteig (Tool frame only) in Cardboard Box with Allen Wrench, open-end wrench and screwdriver	624 000 3 DEL
6C01978	15546411		eForce - Battery Powered Crimping Tool in Portable Plastic Case Content: - 1x eForce - Battery Powered Crimping Tool - 1x Battery Charger (CLI 12) - 1x Li-Ion Battery (Milwaukee M12) - Space for Die Sets* and Locators*	6370 0300 1 DEL
6C01979	15546412		eForce - Battery Powered Crimping Tool in Portable Plastic Case Content: - 1x eForce - Battery Powered Crimping Tool - 1x Battery Charger (CLI 12) - 2x Li-Ion Battery (Milwaukee M12) - Space for Die Sets* and Locators*	6370 0300 1-2 DEL
On request	On request		Pneumatic Crimping Machine CM 25-1 without die sets and locator, operated by foot pedal	636 025-1 DEL
On request	On request		Pneumatic Crimping Machine CM25-5 without die sets and locator operated by sliding tray	636 025-5 DEL
6P01920	13782724		Toggle Press (Manual Press) with adapter for all PEW12 crimp system die sets, locators and wire stops	636 000 1 DEL
9X00982	13871283		Wing Carrier Terminal Cut off Tool with die set 3 inch (76 MM) Black Oxide (Terminal Singulator)	624 1551 3 DEL

CARRYING CASES				
Crib#	Outside Sales#	Picture	Description	Rennsteig P/N
6C01802	13782722		Crimp Tool PEW 12 Rennsteig (Tool frame only) in plastic carrying case with Allen Wrench, open-end wrench and screwdriver	624 101 3 DEL
6C01803	13782723		Crimp Tool PEW 12 Rennsteig (Tool frame only) with Multistrip 10 Self-Adjusting Wire Stripper in plastic carrying case with open-end wrench, allen key and screw driver	624 104 39 DEL
6C01804	13782716		Plastic carrying case, empty, with Inserts for 10 Die Set Kits (10 Die Set Kits shown are NOT INCLUDED. Carrying Case is supplied empty.)	624 40106 DEL

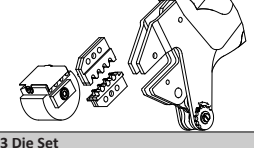
DIE SET DATA			
Crib#	Outside Sales#	Product family	Rennsteig Tool P/N
9X00955	13782694	100V DHD 20	R624 1538 3 01DEL
9X00956	13782695	Yasaki Kaizen 0.64 Microsystem	R624 1539 3 012 DEL
9X00957	13782696	100W Sealed	R624 1540 3 01 DEL
9X00958	13782697	100W Sealed	R624 1541 3 01 DEL
9X00959	13782698	100W Sealed	R624 1542 3 01 DEL
9X00960	13782699	100W Sealed	R624 1543 3 01 DEL
9X00961	13782700	100W Sealed	R624 1544 3 01 DEL
9X00962	13782701	Micro 64 Unsealed	R624 1545 3 01 DEL
9X00963	13782702	GT 630 Sealed	R624 1573 3 012 DEL
9X00964	13782703	GT 630 Unsealed	R624 1574 3 012 DEL
9X00965	13782704	GT 630 Unsealed	R624 1575 3 012 DEL
9X00966	13782705	Micro HVT 1.2 Sealed	R624 1576 3 01 DEL
9X00967	13782706	Micro HVT 1.2 Sealed	R624 1577 3 01 DEL
9X00968	13782707	Micro HVT 064 Sealed	R624 1580 3 01 DEL
9X00969	13782708	Micro HVT 064 Sealed	R624 1581 3 01 DEL
9X00970	13782720	Molex & JST 064 Unsealed	R624 363 3 012 DEL
9X00980	13853877	HES 1.6 Thin Wall Die Set	R624 1597 3 01 DEL
9X00981	13860274	HES 1.6 Regular/Heavy Wall Die Set	R624 1598 3 01 DEL
9X00983	13882808	HES 1.0 Thin Wall Die Set	R624 1599 3 01 DEL
9X00984	13882809	HES 1.0 Regular/Heavy Wall Die Set	R624 1600 3 01 DEL
9X00985	13895391	HES 1.6 T/R/H Wall 3 mm² Die Set	R624 1601 3 01 DEL
9X00986	13915393	GT150 Sealed	R624 1602 3 012 DEL
9X00989	13926169	HES 2.4 Regular Wall Die Set	R624 1604 3 01 DEL
9X00990	13926172	HES 2.4 Thin Wall Die Set	R624 1603 3 01 DEL
9X00991	13932558	OCS 0.64 IDR/UR/ISM Thin Wall	R624 1605 3 01 DEL
9X00993	13963925	HV-280	R624 1611 3 01 DEL
9X01024	35159719	HV-280	R624 1665 3 012 DEL
9X01020	13849933	OCS 2.8	R624 1676 3 012 DEL
9X01021	35042517	OCS 1.5	R624 1674 3 012 DEL
9X01022	35042518	OCS 1.2	R624 1677 3 012 DEL
9X01023	35080112	TTS 1.5	R624 1675 3 012 DEL
6C01809	35146363	CTS 150	R624 1678 3 012 DEL
6C01810	35146364	CTS 280	R624 1679 3 012 DEL
9X02372	35179286	CTS 630	R624 1680 3 012 DEL

Type 1 Die Set

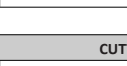
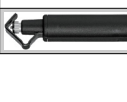
Type 2 Die Set

Type 3 Die Set

RENNSTEIG CRIMP SYSTEM TOOL - TAXI DRAWING				PACKARD ELECTRIC SYSTEMS			
• A P T I V •				FILE NAME			
SUBTOTAL TAXI NUMBER	SHEET REVISION DATE	SHEET NUMBER	EXTENSION				
81760408	-A-	20MAR2018	-01-	IND			

DIE SET DATA FOR HYDRAULIC CRIMP TOOLS				
Crib#	Outside Sales #	Picture	Description	RTI P/N
9X00972	13831316		Die Set for crimping of 13mm² PP2000 terminals# 13520914 / 13520912 / 15496986 / 15496200 with locator	632 003 DEL
9X00973	13831317		Die Set for crimping of 19mm² PP2000 terminals# 13520914 / 13520912 / 15496986 / 15496200 with locator	632 004 DEL
9X00974	13831318		Die Set for crimping of 32mm² PP2000 terminals# 13523156 / 13523152 / 13513037 / 13513033 with locator	632 005 DEL
9X00976	13831320		Die Set for crimping of 50mm² PP2000 terminals# 13523157 / 13523153 / 13513038 / 13513034 with locator	632 007 DEL
9X00977	13831321		Die Set for crimping of 62mm² PP2000 terminals# 13523158 / 13523154 / 13513039 / 13513035 with locator	632 008 DEL
9X01000	33109584		Universal locator for PP1000 die sets for 8 / 13 / 16 / 19 / 25 mm² Rennsteig Version	632 009 0 01 DEL
9X00995	33109579		Die Set for crimping of 8mm² PP1000 terminals# 13675577, 13675583, 13675587, 13675573	632 009 DEL
9X00996	33109580		Die Set for crimping of 13mm² PP1000 terminals# 13675578, 13675584, 13675589, 13675574	632 010 DEL
9X00997	33109581		Die Set for crimping of 16mm² PP1000 terminals# 13675578, 13675584, 13675589, 13675574	632 011 DEL
9X00998	33109582		Die Set for crimping of 19mm² PP1000 terminals# 13675579, 13675585, 13675590, 13675575	632 012 DEL
9X00999	33109583		Die Set for crimping of 25mm² PP1000 terminals# 13675579, 13675585, 13675590, 13675575	632 013 DEL
9X01019	33368831		PP1000 Right Angle Ferrule 12 mm2 die set for inner ferrule 13976857 / outer ferrule 13976854 (cable M6040)	632 023 3 0 DEL
9X01004	33164488		Ring Terminal Die Set for ID8 5mm2 Regular/Thin wall cable and terminal# 12103502, 12103501, 12103965 for hydraulic crimping tool #13831326	632 014 DEL
9X01005	33164489		Ring Terminal Die Set for ID8 5mm2 standard / heavy wall cable and terminal# 12103502, 12103501, 12103965 for hydraulic crimping tool #13831326	632 015 DEL
9X01006	33164490		Ring Terminal Die Set for ID8 8mm2 Regular/Thin wall cable and terminal# 12103502, 12103501, 12103965 for hydraulic crimping tool #13831326	632 016 DEL
9X01007	33164491		Ring Terminal Die Set for ID8 8mm2 standard / heavy wall cable and terminal# 12103502, 12103501, 12103965 for hydraulic crimping tool #13831326	632 017 DEL
9X01001	33164485		Ring Terminal Die Set for ID10 2mm2 Thin/Regular/Heavy wall cable and terminal# 12103503, 12103504, 12162098, 12103517, 12103518 for hydraulic crimping tool #13831326	632 018 DEL
9X01002	33164486		Ring Terminal Die Set for ID10 3mm2 Thin/Regular/Heavy wall cable and terminal# 12103503, 12103504, 12162098, 12103517, 12103512, 12103518 for hydraulic crimping tool #13831326	632 019 DEL
9X01003	33164487		Ring Terminal Die Set for ID10 5mm2 Thin/Regular/Heavy wall cable and terminal# 12103503, 12103504, 12162098, 12103517, 12103518 for hydraulic crimping tool #13831326	632 020 DEL
6M01008	13831325		Bench Mount Holder for HPZ 80	632 40098 3 DEL

TOOLS OVERVIEW				
Crib#	Outside Sales#	Picture	Description	Rennsteig P/N
6C01980	33341015		hForce - Battery Powered Hydraulic Crimp Tool in Portable Plastic Case Content: - 1x hForce - Battery Powered Hydraulic Crimping Tool - 1x Battery Charger - 1x Li-Ion Battery (18V, 3.0 Ah) - Space for Die Sets* and Locators*	6320 802 1 DEL
6C01807	13831326		Hydraulic Crimping Tool HPZ 80.1 without crimping dies in case (up to 80KN)	632 801 5 DEL
6C01805	13782719		Electronical Caliper in plastic box - display accuracy 0.01 mm / 0.0005 inch (mm/inch convertible), specially shaped measuring surfaces to provide exact measurement of crimp height and width	690 000 1 DEL
6501888	13782709		Insulation Stripper self-adjusting AWG 32-8 (Multistrip 10)	707 020 DEL
6501896	13791715		Spare blade and red button for MultiStrip 10, Allen and open-end wrench and screwdriver for PEW12, regular M4 nut and lock nut, Screws with Allen head M4x11,16,18,25mm for die assembly	707 024 DEL
CUT OFF TOOLS FOR POWER PACK TERMINAL (TERMINAL SINGULATOR)				
Crib#	Outside Sales#	Picture	Description	Rennsteig P/N
6T01651	13893335		Rennsteig Power Pack 2000 (FEMALE) cut-off-tool (complete tool with cutting unit)	625 01546 3 DEL
6T01650	13893332		Rennsteig Power Pack 2000 (MALE) cut-off-tool (complete tool with cutting unit)	625 01547 3 DEL
6T01652	13893336		Rennsteig Power Pack 2000 (Sonic Weld) cut-off-tool (complete tool with cutting unit)	625 01548 3 DEL
6T01653	13895387		Rennsteig Power Pack 1000 (FEMALE) cut-off-tool (complete tool with cutting unit)	625 01549 3 DEL
6T01654	13895390		Rennsteig Power Pack 1000 (MALE) cut-off-tool (complete tool with cutting unit)	625 01550 3 DEL
CUTTING TOOLS				
Crib#	Outside Sales#	Picture	Description	Rennsteig P/N
6C01942	13831327		D20 Dual Blade Cutter	700 020 3 DEL
6C01943	13871281		Miniature Flush Cut for 26 to 16 AWG	8000 1001 3 DEL
STANDARD INSULATION STRIPPER				
Crib#	Outside Sales#	Picture	Description	Rennsteig P/N
6501891	13791711		Insulation Stripper for Teflon cable AWG 30/28/26/24/22/20	708 244 6
6501892	13791712		Insulation Stripper for Teflon cable AWG 20/18/16/14/12/10	708 212 6
6501893	13791713		Insulation Stripper for Teflon insulated cables AWG 16/18/20/22/24/26	708 248 6
6501894	13791714		Insulation Stripper for 0.35 / 0.5 / 0.75 / 1.0 / 1.5 / 2.5 / 4.0 mm2	708 231 6
6501896	13831328		Heavy Gauge Strip Tool	R707-1630 DEL

PICK TOOLS				
Outside Sales #	Picture¹	Description	RTI P/N	
GM33282332		HERRAMIENTA DE REPARACION GM33282332 APTIV Terminal Removal Tool	680-10714843 DEL	
GM33282331		HERRAMIENTA DE REPARACION GM33282331 APTIV Terminal Removal Tool	680-12094429 DEL	
GM33282317		HERRAMIENTA DE REPARACION GM33282317 APTIV Terminal Removal Tool	680-12094430 DEL	
GM33282316		HERRAMIENTA DE REPARACION GM33282316 APTIV Terminal Removal Tool	680-12122647 DEL	
GM12152110R		HERRAMIENTA DE REPARACION GM12152110R APTIV Terminal Removal Tool	680-12152110-1 DEL	
GM33282308		HERRAMIENTA DE REPARACION GM33282308 APTIV Terminal Removal Tool	680-12152110 DEL	
GM33282314		HERRAMIENTA DE REPARACION GM33282314 APTIV Terminal Removal Tool	680-13671521 DEL	
GM33282309		HERRAMIENTA DE REPARACION GM33282309 APTIV Terminal Removal Tool	680-13851982 DEL	
GM33282313		HERRAMIENTA DE REPARACION GM33282313 APTIV Terminal Removal Tool	680-15315247 DEL	
GM33282311		HERRAMIENTA DE REPARACION GM33282311 APTIV Terminal Removal Tool	680-33106574 DEL	
GM33282315		HERRAMIENTA DE REPARACION GM33282315 APTIV Terminal Removal Tool	680-33110178 DEL	
GM33183839R		HERRAMIENTA DE REPARACION GM33183839R APTIV Terminal Removal Tool	680-33183839-1 DEL	
GM33282310		HERRAMIENTA DE REPARACION GM33282310 APTIV Terminal Removal Tool	680-33183839 DEL	
GM33282312		HERRAMIENTA DE REPARACION GM33282312 APTIV Terminal Removal Tool	680-33230700 DEL	
DP33282335		HERRAMIENTA DE REPARACION DP33282335 APTIV Terminal Removal Tool	680-33282285 DEL	
GM33320190		HERRAMIENTA DE REPARACION GM33320190 APTIV Terminal Removal Tool	680-33112867 DEL	
GM12094441		HERRAMIENTA DE REPARACION GM12094441 APTIV Terminal Removal Tool	680-12094441 DEL	
GM33282337		HERRAMIENTA DE REPARACION GM33282337 APTIV Terminal Removal Tool	680-33282337 DEL	
GM33200090		HERRAMIENTA DE REPARACION GM33200090 APTIV Terminal Removal Tool	680-15532597 DEL	
GM33369938		HERRAMIENTA DE REPARACION GM33369938 APTIV Terminal Removal Tool	680-12180559 DEL	
GM33148533		HERRAMIENTA DE REPARACION GM33148533 APTIV Terminal Removal Tool	680-33148533 DEL	
GM33153560		HERRAMIENTA DE REPARACION GM33153560 APTIV Terminal Removal Tool	680-33153560 DEL	
GM33164597		HERRAMIENTA DE REPARACION GM33164597 APTIV Terminal Removal Tool	680-33164597 DEL	
GM33200095		HERRAMIENTA DE REPARACION GM33200095 APTIV Terminal Removal Tool	680-33149519 DEL	
GM33282340		HERRAMIENTA DE REPARACION GM33282340 APTIV Terminal Removal Tool	680-12056471 DEL	
GM33395272		HERRAMIENTA DE REPARACION GM33395272 APTIV Terminal Removal Tool	680-33230574 DEL	
GM33320191		HERRAMIENTA DE REPARACION GM33320191 APTIV Terminal Removal Tool	680-15350912 DEL	
GM33320189		HERRAMIENTA DE REPARACION GM33320189 APTIV Terminal Removal Tool	680-33183853 DEL	
GM33320187		HERRAMIENTA DE REPARACION GM33320187 APTIV Terminal Removal Tool	680-33183854 DEL	
GM33183836		HERRAMIENTA DE REPARACION GM33183836 APTIV Terminal Removal Tool	680-33183836 DEL	
GM35073958		HERRAMIENTA DE REPARACION GM35073958 APTIV Terminal Removal Tool	680-35073958 DEL	
GM33282310		HERRAMIENTA DE REPARACION GM33282310 APTIV Terminal Removal Tool	680-33183839 DEL	
GM33282312		HERRAMIENTA DE REPARACION GM33282312 APTIV Terminal Removal Tool	680-33230700 DEL	

¹ - Sample picture, for illustration purpose only.

ADDITIONAL PICK TOOLS (680-...)					
10714787	10714788	10714809	10757872	10804886	10882549
12014012	12024989	12031876	12032198	12033495	12056471
12057880	12093078	12093624	12093647	12094429	12122490
12122727	12150675	12150860	12151193	12179984	12180559
13549852	13558833	15313892	15350698	15381651	15430130