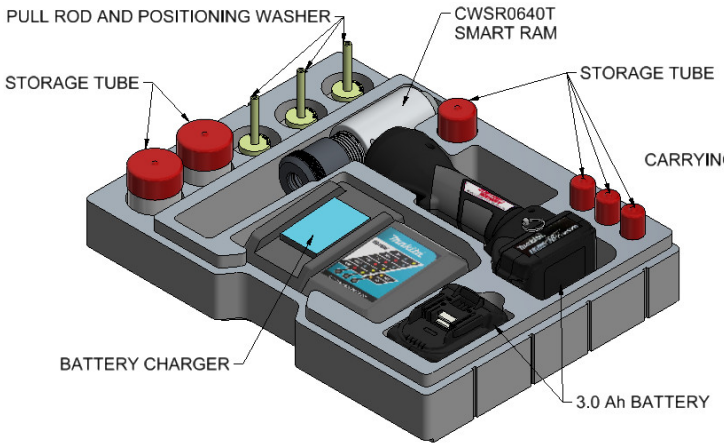
WARNING

READ AND UNDERSTAND ALL SAFETY AND WARNING DECALS AND INSTRUCTIONS PRIOR TO USING THE CURTISS-WRIGHT SMART RAM. FAILURE TO DO SO MAY RESULT IN ELECTRIC SHOCK, FIRE, AND/OR SERIOUS INJURY.
SAVE ALL WARNINGS AND INSTRUCTIONS AND KEEP WITH TOOL FOR FUTURE REFERENCE.



Part Numbers				Includes				
US - Plug Type A	EU - Plug Type C	UK - Plug Type G	AU - Plug Type I	CWSR0640T	Case / Storage Tubes	3.0 Ah Battery	Battery Charger	Pull Rod & Positioning Washer Set
SR-0640TA3PW	SR-0640TC3PW	SR-0640TG3PW	SR-0640TI3PW	1	1/6	2	1	3
SR-0640TA3	SR-0640TC3	SR-0640TG3	SR-0640TI3	1	1/6	1	1	0
SR-0640T0	SR-0640T0	SR-0640T0	SR-0640T0	1	1/6	0	0	0

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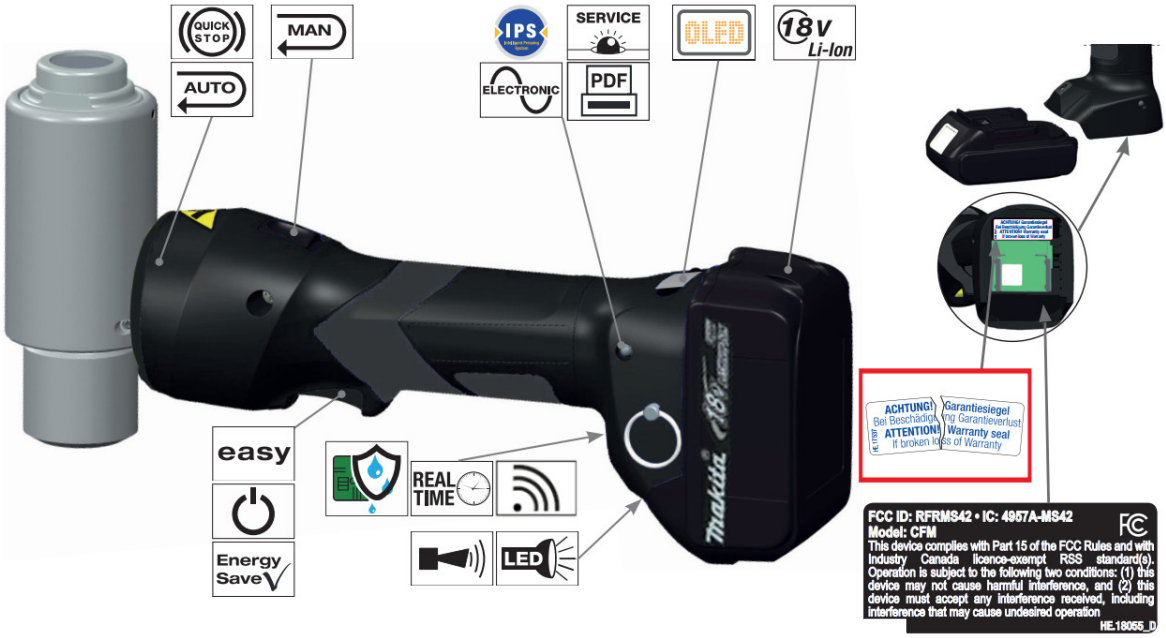
SAFETY SYMBOLS AND DEFINITIONS Safety symbols are used to identify any action or lack of actions that can cause personal injury.	
	DANGER - Danger is used only when actions or lack of actions will cause serious human injury or death
	WARNING - Warning is used to describe an action or lack of action where serious injury can occur
	READ INSTRUCTIONS - Read all instruction prior to operating equipment
	EYE PROTECTION - Wear proper eye protection to protect against ejected parts or projectiles
	EAR PROTECTION - Wear proper ear protection to protect against hearing loss or damage
	PINCH POINT / HAND CRUSHING – Keep hands and fingers clear of pinch points during setup and operation.

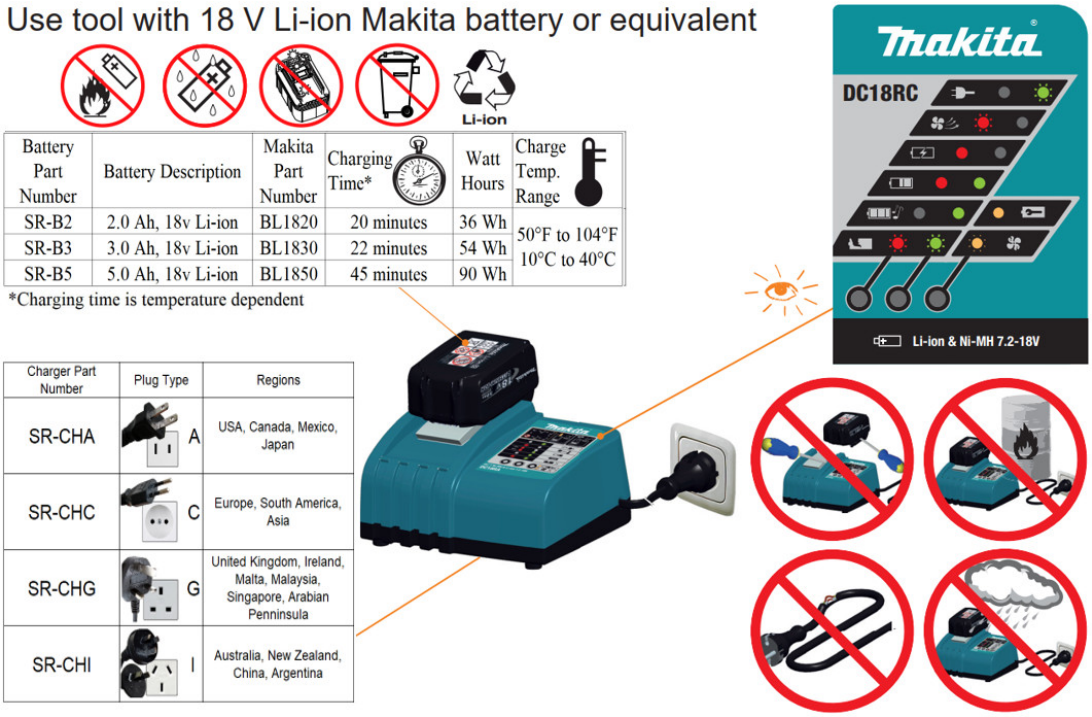
System Safety Precautions

- **The user must read and thoroughly understand these installation instructions before any work begins. The user should read and thoroughly understand the installation procedures as supplied with every kit of Pop-A-Plug® Tube Plugs. It is the responsibility of the user to establish appropriate safety, health, and training measures for their personnel using, servicing, or working in an area where this equipment is being used.**
- **The user must be familiar with correct operation, maintenance, and use of hydraulic tools. Lack of knowledge in any of these areas can lead to personal injury.**

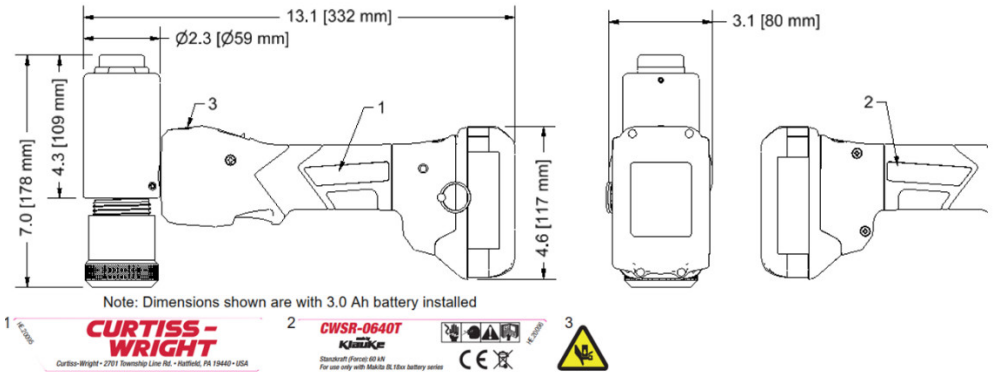
- **Wear proper eye protection to protect against ejected parts or other projectiles.**
- **Wear proper ear protection to protect against hearing loss or damage.**
- **Possible Kickback Hazard. Keep body, head, face, and all extremities clear from rear of hydraulic ram during operation.**
- **Tools and components listed in this instruction are designed for the sole purpose of installing and removing P2 and CPI/PERMA™ Pop-A-Plug heat exchanger tube plugs. The equipment is not designed or intended to be used for other tasks.**

- **Curtiss-Wright Smart Rams are NOT to be used in an explosive environment. Doing so may cause serious injury, property damage or death**
- **Unexpected tool movement or breakage of inserted tool could cause injury to personnel.**
- **Unsuitable postures may not allow for proper counteracting of normal or unexpected movement of the tool during operation.**
- **Inspect equipment before each use to prevent unsafe conditions from developing. Do not use equipment if it is damaged, altered, or in poor condition.**
- **There are no serviceable parts in these assemblies. If any equipment is damaged or faulty, contact EST Group for service or replacement.**
- **These instructions are intended for the end-user or operator of this equipment. For additional information or parts lists contact an EST Group facility.**
- **Inspect all components for wear or damage prior to each use. Do not use any equipment that is not in proper working order. If any equipment is damaged or faulty, contact EST Group for service or replacement.**
- **Replace any worn or damaged safety decals.**
- **There are no user modifiable parts or components in the Curtiss-Wright Smart Ram package.**
- **Keep all components of the system clean at all times.**
- **Changes or modifications made to the equipment that are not expressly approved by Curtiss-Wright EST Group may void the FCC authorization to operate this equipment.**



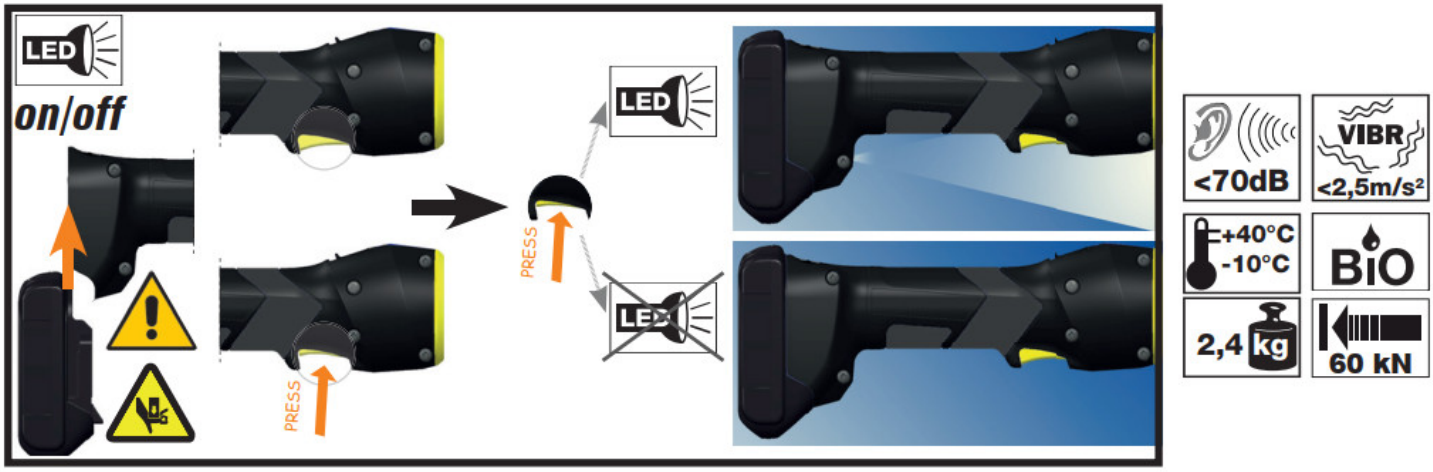


Note: Check and comply with all regulations and laws when transporting or shipping lithium-ion batteries.



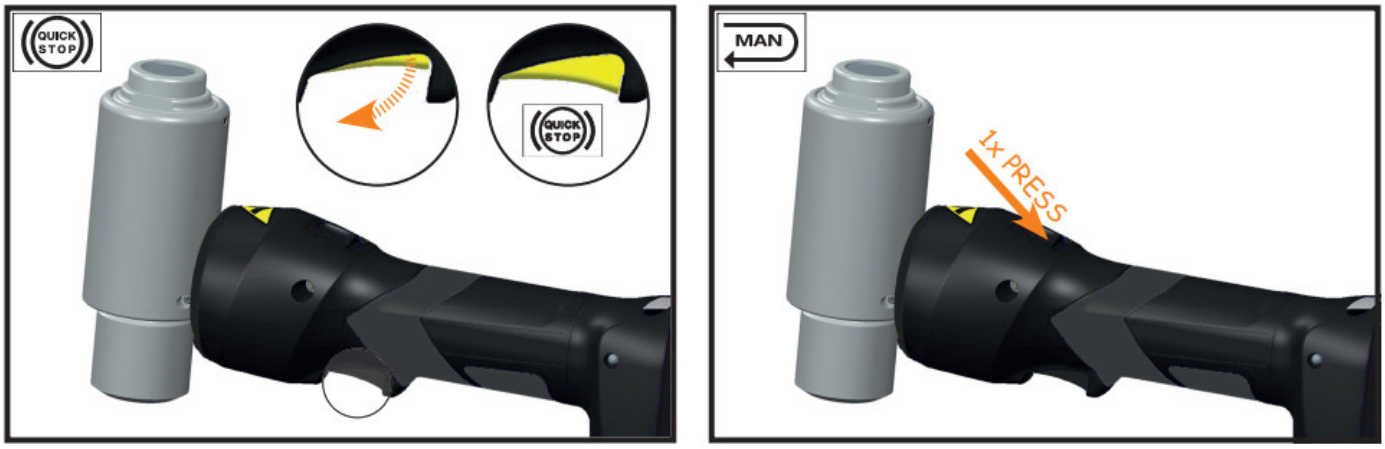
Powering on the Smart Ram:

Install a Makita 18v Li-ion battery, or equivalent, and momentarily press the trigger. This also operates the LED light:



Operating the Smart Ram:

Press and hold the trigger. The hydraulic pump motor will run, and the cylinder will stroke while the trigger is pressed. Releasing the trigger stops the pump, and the piston will remain in position until the piston is manually retracted.



The Smart Ram will either operate until it senses the breaking of a Breakaway (correct installation), or if it reaches the maximum pressure limit setting. In either case the SR will automatically stop the pump motor.

CPI Size	Pull Rod Assembly*	Positioner	Positioning Washer	Pull Rod
471	SR-PA-471	P-471	SRPW-400-580	SRPR-400-580
491	SR-PA-491	P-491		
512	SR-PA-512	P-512		
524	SR-PA-524	P-524		
555	SR-PA-555	P-555		
584	SR-PA-584	P-584	SRPW-600-860	SRPR-600-860
621	SR-PA-621	P-621		
649	SR-PA-649	P-649		
670	SR-PA-670	P-670		
712	SR-PA-712	P-712		
735	SR-PA-735	P-735		
774	SR-PA-774	P-774	SRPW-880-1160	SRPR-880-1160
804	SR-PA-804	P-804		
837	SR-PA-837	P-837		
853	SR-PA-853	P-853		
899	SR-PA-899	P-899		
919	SR-PA-919	P-919		
962	SR-PA-962	P-962		
979	SR-PA-979	P-979		
1024	SR-PA-1024	P-1024		
1054	SR-PA-1054	P-1054		
1087	SR-PA-1087	P-1087		
1103	SR-PA-1103	P-1103		
1149	SR-PA-1149	P-1149		
1171	SR-PA-1171	P-1171		
1212	SR-PA-1212	P-1212		

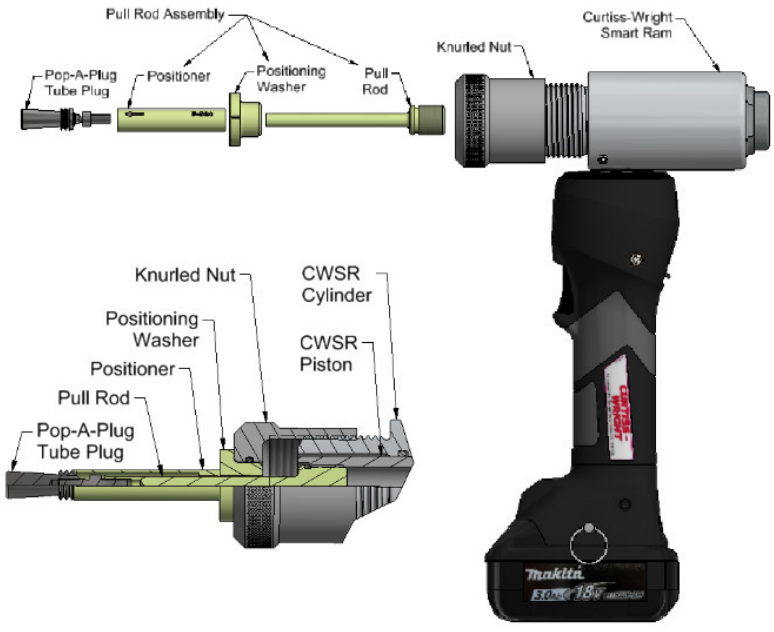
*Pull Rod Assembly includes Positioner, Pull Rod, and Positioning Washer

P2 Size	Pull Rod Assembly*	Positioner	Positioning Washer	Pull Rod
400	SR-PRA-400-440	PP-400-440	SRPW-400-580	SRPR-400-580
420				
440				
460	SR-PRA-460-500	PP-460-500		
480				
500				
520	SR-PRA-520-580	PP-520-580		
540				
560				
580				
600	SR-PRA-600-680	PP-600-680	SRPW-600-860	SRPR-600-860
620				
640				
660				
680				
700	SR-PRA-700-780	PP-700-780		
720				
740				
760				
780				
800	SR-PRA-800-860	PP-800-860		
820				
840				
860				
880	SR-PRA-880-960	PP-880-960	SRPW-880-1160	SRPR-880-1160
900				
920				
940				
960				
980	SR-PRA-980-1060	PP-980-1060		
1000				
1020				
1040				
1060				
1080	SR-PRA-1080-1160	PP-1080-1160		
1100				
1120				
1140				
1160				

Scan QR codes

DC1220 - Pop-A-Plug CPI/Perma Near End Installation Procedure

DC4010 - Pop-A-Plug P2 Installation Procedure

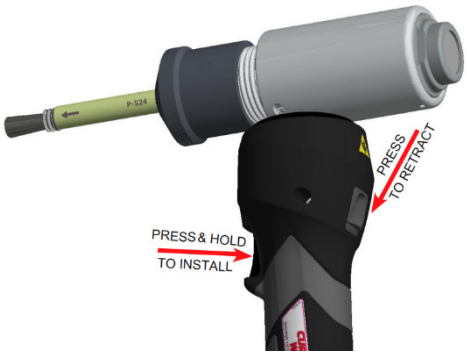


A general arrangement of the Curtiss-Wright Smart Ram (SR), Pull Rod, Knurled Nut, Positioning Washer, Positioner, and Pop-A-Plug Tube Plug is shown. The Smart Ram is made ready for use by following these steps:

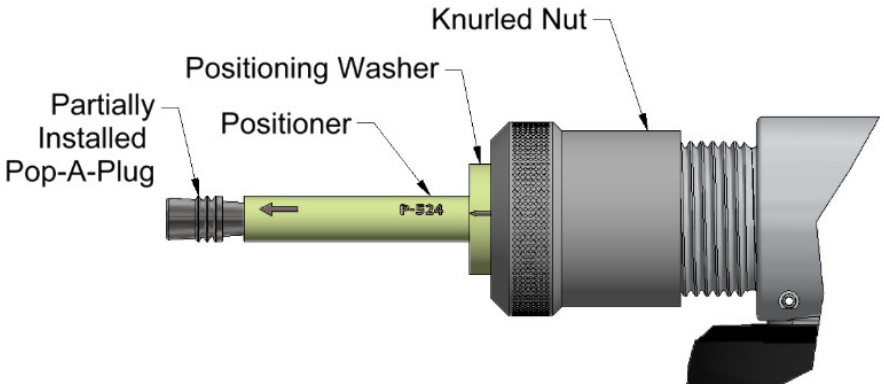
1. Fully thread Knurled Nut onto the Smart Ram Cylinder. Do not tighten.
2. Fully thread Pull Rod into the Curtiss-Wright Smart Ram Piston, hand tighten.
3. Place the Positioning Washer over the Pull Rod into the Knurled Nut with the arrow facing away from the Knurled Nut.
4. Place the Positioner over the Pull Rod with the arrow facing away from the Positioning Washer.
5. Fully thread the Pop-A-Plug Tube Plug into the Pull Rod, finger tighten.
6. The Positioner should be able to move freely on the Pull Rod. Unthread Knurled Nut until it removes slack in Pull Rod assembly, finger tighten.

The Pop-A-Plug Tube Plug is now correctly installed on the SR. Follow all instructions provided with the Pop-A-Plug tube plug kit to fully prepare the tube for plug installation. Be aware of potential pinch points as the SR may recoil when the Breakaway fractures. When ready:

1. Press and hold the trigger. The SR will begin to install the Pop-A-Plug Tube Plug in the tube.
2. Keep the trigger depressed until the Breakaway fractures or the SR stops on its own.
3. The SR piston might automatically retract. If not, manually retract the cylinder.



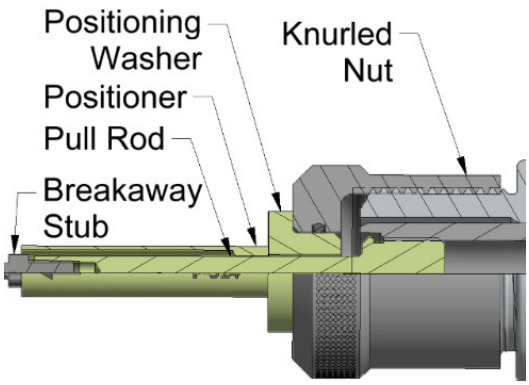
Occasionally, a Pop-A-Plug Tube Plug may not be fully installed after a single full stroke of the SR. If required a second stroke can be completed. If the plug is engaged within the inside of the tube, make sure the SR is carefully supported during this procedure to prevent the plug from being cocked or moved or unintentionally breaking the Breakaway.



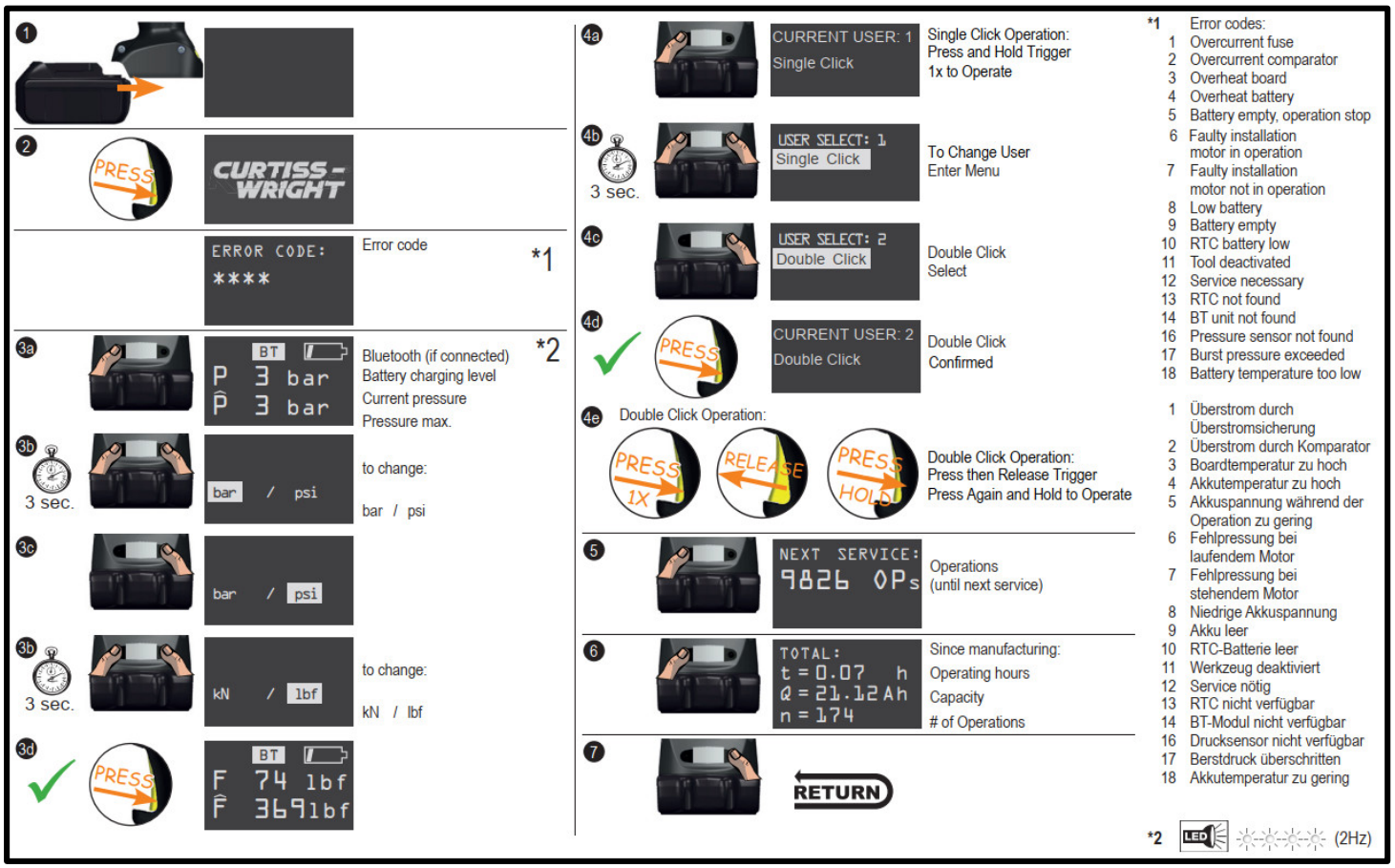
1. Manually retract the SR Piston if it has not done so automatically. All tension in the Pull Rod should be fully relieved, and the Positioner should be able to move freely on the Pull Rod.
2. Unthread Knurled Nut two full turns to partially remove slack in the Pull Rod assembly.
3. Proceed with Pop-A-Plug installation.

After installation, part of the Breakaway Stub remains threaded in the Pull Rod. The Breakaway Stub has a shoulder on it that prevents the Positioner from sliding off. Leaving the Breakaway Stub in place is recommended if the Curtiss-Wright Smart Ram is going to be stored with the Pull Rod, Positioning Washer, Knurled Nut, and Positioner installed. The Breakaway Stub must be removed to install additional Pop-A-Plug Tube Plugs.

To remove the Breakaway Stub, follow these steps:



1. Fully thread Knurled Nut onto SR Cylinder.
2. Push the Positioner against the Positioning Washer to expose the Breakaway Stub.
3. Unthread the Breakaway Stub from the Pullrod.
4. Remove the Breakaway Stub.



Service is recommended either after 10,000 operations or once every 3 years, whichever comes first. Contact EST Group Customer Service for Curtiss-Wright Smart Ram service and maintenance.

SERVICE	LED		When/Wann/Quand/Quando/ cuándo/Wanneer/Когда/это происходит/Kiedy/quando	Why/Warum/Pourqoui/Porquê/ ¿por qué?/Waarom/Причина/ Dlaczego/Perché
20 sec			after working cycle nach Arbeitsvorgang après opération de travail Después del proceso de trabajo após o processo de trabalho na bedrijfscyclus после цикла опрессовки po zakończeniu pracy dopo il processo di lavoro	
20 sec/2Hz			after working cycle nach Arbeitsvorgang après opération de travail Después del proceso de trabajo após o processo de trabalho na bedrijfscyclus после цикла опрессовки po zakończeniu pracy dopo il processo di lavoro	SERVICE
20 sec/5Hz			while exceeding the temp. limit während der Übertemperatur pendant surchauffe en caso de temperatura excesiva durante a temperatura excessiva tijdens te hoge temperatuur при высокой температуре внутри корпуса przy przegrzaniu superando il limite di temperatura	unit too hot Werkzeug zu heiß outil surchauffé Herramienta demasiado caliente ferramenta demasiado quente gereedschap te heet Перегрев инструмента urządzenie za gorące Utensile troppo caldo

GB D F E P NL RUS PL I

(D) CE-´16 - Konformitätserklärung. Wir erklären in alleiniger Verantwortlichkeit, daß dieses Produkt mit den folgenden Normen oder normativen Dokumenten übereinstimmt: EN 62841-1, EN ISO 12100, EN ISO 13857, EN ISO 13854, EN 28662-1, EN 61000-6-3, EN 61000-6-2, EN 60529, EN 1037 gemäß den Bestimmungen der Richtlinien 2006/42/EG, 2014/30/EU, 2011/65/EU

(GB) CE-´16 - Declaration of conformity. We declare under our sole responsibility that this product is in conformity with the following standards or normative documents: EN 62841-1, EN ISO 12100, EN ISO 13857, EN ISO 13854, EN 28662-1, EN 61000-6-3, EN 61000-6-2, EN 60529, EN 1037 in accordance with the regulations of directives 2006/42/EG, 2014/30/EU, 2011/65/EU

(F) CE-´16 - Déclaration de conformité. Nous déclarons sous notre seule reponsabilité que ce produit est en conformité avec les normes ou documents normatifs suivants: EN 62841-1, EN ISO 12100, EN ISO 13857, EN ISO 13854, EN 28662-1, EN 61000-6-3, EN 61000-6-2, EN 60529, EN 1037 conformément aux réglementations des directives 2006/42/EG, 2014/30/EU, 2011/65/EU

(E) CE-´16 - Declaración de conformidad. Declaramos bajo nuestra sola responsabilidad que este producto está en conformidad con las normas o documentos normativos siguientes: EN 62841-1, EN ISO 12100, EN ISO 13857, EN ISO 13854, EN 28662-1, EN 61000-6-3, EN 61000-6-2, EN 60529, EN 1037 de acuerdo con las regulaciones de las directivas 2006/42/EG, 2014/30/EU, 2011/65/EU

(I) CE-´16 - Dichiarazione di conformità. Dichiariamo sotto la nostra esclusiva responsabilità che questo prodotto è conforme alle seguenti norme e documenti normativi: EN 62841-1, EN ISO 12100, EN ISO 13857, EN ISO 13854, EN 28662-1, EN 61000-6-3, EN 61000-6-2, EN 60529, EN 1037 conformemente alle disposizioni delle direttive 2006/42/EG, 2014/30/EU, 2011/65/EU

(P) CE-´16 - Declaração de conformidade. Declaramos sob nossa exclusiva responsabilidade que este producto cumpre as seguintes normas ou documentos normativos: EN 62841-1, EN ISO 12100, EN ISO 13857, EN ISO 13854, EN 28662-1, EN 61000-6-3, EN 61000-6-2, EN 60529, EN 1037 conforme as disposiçoes das directivas 2006/42/EG, 2014/30/EU, 2011/65/EU

(NL) CE-´16 - Konformiteitsverklaring. Wij verklaren en wij stellen ons er alleen voor verantwoordelijk dat dit produkt voldoet aan de volgende normen of normatieve documenten: EN 62841-1, EN ISO 12100, EN ISO 13857, EN ISO 13854, EN 28662-1, EN 61000-6-3, EN 61000-6-2, EN 60529, EN 1037 overeenkomstig de bepalingen van de richtlijnen 2006/42/EG, 2014/30/EU, 2011/65/EU

(GR) CE-´16 - ΔΗΛΩΣΗ ΣΥΜΜΟΡΦΩΣΗΣ Με αναληψη συνολικης δηλωνομε· οτι το πορον προιον συμφωνει με τα παρακατω ποοτυπα και με τα προτυπα ηου αναφερονται στα σχεπκο εγγραφα EN 62841-1, EN ISO 12100, EN ISO 13857, EN ISO 13854, EN 28662-1, EN 61000-6-3, EN 61000-6-2, EN 60529, EN 1037 συμφωνα με τοχς κονονισμους 2006/42/EG, 2014/30/EU, 2011/65/EU

(S) CE-´16 - Konformitetsdeklaration. Vi förklarar pá eget ansvar att denna produkt överenstämmer med följande normer eller normativa dokument: EN 62841-1, EN ISO 12100, EN ISO 13857, EN ISO 13854, EN 28662-1, EN 61000-6-3, EN 61000-6-2, EN 60529, EN 1037 enligt bestämmelserna i direktiverna 2006/42/EG, 2014/30/EU, 2011/65/EU

(DK) CE-´16 - Konformitetserklæring. Vi erklærer under almindeligt ansvardt at dette produkt er i overensstemmelse med folgende normer eller normative dokumenter: EN 62841-1, EN ISO 12100, EN ISO 13857, EN ISO 13854, EN 28662-1, EN 61000-6-3, EN 61000-6-2, EN 60529, EN 1037 i henhold til bestemmelseme i direktiverne 2006/42/EØF, 2014/30/EU, 2011/65/EU

(N) CE-´16 - Konformitetserklæring. Vi erklærer på eget ansvarlighet at dette produkt er i overensstemmelse med følgende standarder eller standard-dokumenter: EN 62841-1, EN ISO 12100, EN ISO 13857, EN ISO 13854, EN 28662-1, EN 61000-6-3, EN 61000-6-2, EN 60529, EN 1037 i henhold til bestemmelsene i direktive ne 2006/42/EØF, 2014/30/EU, 2011/65/EU

(FIN) CE-´16 - Todistus slandardinmukaisuudesta. Asiasta vastaavana todistamme täten, että tämä tuote on seuraavien standardien ja standardoimisasiakirjojen vaatimusten mukainen: EN 62841-1, EN ISO 12100, EN ISO 13857, EN ISO 13854, EN 28662-1, EN 61000-6-3, EN 61000-6-2, EN 60529, EN 1037 ja vastaa säädöksiä 2006/42/EG, 2014/30/EU, 2011/65/EU

(SK) CE-´16 - Prehlásenie o zhode. Prehlasujeme na vlastnú zodpovednosť, že tieto produkty sú v súlade s nasledovnými normami: EN 62841-1, EN ISO 12100, EN ISO 13857, EN ISO 13854, EN 28662-1, EN 61000-6-3, EN 61000-6-2, EN 60529, EN 1037 a v zhode so smernicemi 2006/42/EG, 2014/30/EU, 2011/65/EU

(PL) CE-´16 - Zgodnosc z dyrektywami CE. Swiadomi odpowiedzialnosci oswiadczamy, ze niniejszy produkt jest zgodny z nastepujacymi normami lub dokumentacja normatywna: EN 62841-1, EN ISO 12100, EN ISO 13857, EN ISO 13854, EN 28662-1, EN 61000-6-3, EN 61000-6-2, EN 60529, EN 1037 zgodnie z postanowieniami wytycznych 2006/42/EG, 2014/30/EU, 2011/65/EU

(CZ) CE-´16 - Prohlášeni o shode. Prohlašujeme na vlastni zodpovednost, ze tyto produkty splnuji následujici normy nebo normativni listiny: EN 62841-1, EN ISO 12100, EN ISO 13857, EN ISO 13854, EN 28662-1, EN 61000-6-3, EN 61000-6-2, EN 60529, EN 1037; Ve shode se smernicemi 2006/42/EG, 2014/30/EU, 2011/65/EU

(SLO) CE-´16 - Izjava o skladnosti. S tem potrjujemo splošno odgovornost, da je ta izdelek narejen v skladu z navedenimi normami in standardi: EN 62841-1, EN ISO 12100, EN ISO 13857, EN ISO 13854, EN 28662-1, EN 61000-6-3, EN 61000-6-2, EN 60529, EN 1037 ter določbami in smernicami 2006/42/EG, 2014/30/EU, 2011/65/EU

(HR) CE-´16 - Izjava o sukladnosti. Pod punom odgovornošću izjavljujemo da je proizvod naveden u naslovu ovog dokumenta sukladan sa primijenjenim normama i normativnim dokumentima : EN 62841-1, EN ISO 12100, EN ISO 13857, EN ISO 13854, EN 28662-1, EN 61000-6-3, EN 61000-6-2, EN 60529, EN 1037 u skladu sa odredbama preporuka 2006/42/EG, 2014/30/EU, 2011/65/EU

(H) CE-´16 - Megfelelőségi nyilatkozat. Kézimüködtetésü elektromos kéziszerszámok: Teljes felelősségel kijelentjük, hogy ezek a termékek a következő szabványokkal és irányelvekkel összhangban vannak: EN 62841-1, EN ISO 12100, EN ISO 13857, EN ISO 13854, EN 28662-1, EN 61000-6-3, EN 61000-6-2, EN 60529, EN 1037; és megfelelnek a rendeltetés szerinti 2006/42/EG, 2014/30/EU, 2011/65/EU irányelveknek.

(RO) CE-´16 - Declaraţie de conformitate. Noi declarăm pe propria răspundere că acest produs este în conformitate cu următoarele norme şi documente normative: EN 62841-1, EN ISO 12100, EN ISO 13857, EN ISO 13854, EN 28662-1, EN 61000-6-3, EN 61000-6-2, EN 60529, EN 1037; potrivit dispoziţiilor directivelor 2006/42/EG, 2014/30/EU, 2011/65/EU

Remscheid, 19.08.2021

CE Joh.-Christoph Schütz

Dipl.-Ing. Joh.-Christoph Schütz, CE-Representative

(D) CE-´16 - Konformitätserklärung **RED**. Wir erklären in alleiniger Verantwortlichkeit, daß dieses Produkt mit den folgenden Normen oder normativen Dokumenten übereinstimmt: EN 62368-1, EN 301489-1, EN 301489-17, EN 300328 V2.2.2, EN 62479 gemäß den Bestimmungen der Richtlinien 2014/53/EU, 2011/65/EU

(GB) CE-´16 - Declaration of conformity **RED**. We declare under our sole responsibility that this product is in conformity with the following standards or normative documents: EN 62368-1, EN 301489-1, EN 301489-17, EN 300328 V2.2.2, EN 62479 in accordance with the regulations of directives 2014/53/EU, 2011/65/EU

(F) CE-´16 - Déclaration de conformité **RED**. Nous déclarons sous notre seule reponsabilité que ce produit est en conformité avec les normes ou documents normatifs suivants: EN 62368-1, EN 301489-1, EN 301489-17, EN 300328 V2.2.2, EN 62479 conformément aux réglementations des directives 2014/53/EU, 2011/65/EU

(E) CE-´16 - Declaración de conformidad **RED**. Declaramos bajo nuestra sola responsabilidad que este producto está en conformidad con las normas o documentos normativos siguientes: EN 62368-1, EN 301489-1, EN 301489-17, EN 300328 V2.2.2, EN 62479 de acuerdo con las regulaciones de las directivas 2014/53/EU, 2011/65/EU

(I) CE-´16 - Dichiarazione di conformità **RED**. Dichiariamo sotto la nostra esclusiva responsabilità che questo prodotto è conforme alle seguenti norme e documenti normativi: EN 62368-1, EN 301489-1, EN 301489-17, EN 300328 V2.2.2, EN 62479 conformemente alle disposizioni delle direttive 2014/53/EU, 2011/65/EU

(P) CE-´16 - Declaração de conformidade **RED**. Declaramos sob nossa exclusiva responsabilidade que este producto cumpre as seguintes normas ou documentos normativos: EN 62368-1, EN 301489-1, EN 301489-17, EN 300328 V2.2.2, EN 62479 conforme as disposiçoes das directivas 2014/53/EU, 2011/65/EU

(NL) CE-´16 - Konformiteitsverklaring **RED**. Wij verklaren en wij stellen ons er alleen voor verantwoordelijk dat dit produkt voldoet aan de volgende normen of normatieve documenten: EN 62368-1, EN 301489-1, EN 301489-17, EN 300328 V2.2.2, EN 62479 overeenkomstig de bepalingen van de richtlijnen 2014/53/EU, 2011/65/EU

(GR) CE-´16 - ΔΗΛΩΣΗ ΣΥΜΜΟΡΦΩΣΗΣ Μ **RED**. ε αναληψη συνολικης δηλωνομε· οτι το πορον προιον συμφωνει με τα παρακατω ποοτυπα και με τα προτυπα ηου αναφερονται στα σχεπκο εγγραφα ∞ EN 62368-1, EN 301489-1, EN 301489-17, EN 300328 V2.2.2, EN 62479 συμφωνα με τοχς κονονισμους 2014/53/EU, 2011/65/EU

(S) CE-´16 - Konformitetsdeklaration **RED**. Vi förklarar pá eget ansvar att denna produkt överenstämmer med följande normer eller normativa dokument: EN 62368-1, EN 301489-1, EN 301489-17, EN 300328 V2.2.2, EN 62479 enligt bestämmelserna i direktiverna 2014/53/EU, 2011/65/EU

(DK) CE-´16 - Konformitetserklæring **RED**. Vi erklærer under almindeligt ansvardt at dette produkt er i overensstemmelse med folgende normer eller normative dokumenter: EN 62368-1, EN 301489-1, EN 301489-17, EN 300328 V2.2.2, EN 62479 i henhold til bestemmelseme i direktiverne 2014/53/EU, 2011/65/EU

(N) CE-´16 - Konformitetserklæring **RED**. Vi erklærer på eget ansvarlighet at dette produkt er i overensstemmelse med følgende standarder eller standard-dokumenter: EN 62368-1, EN 301489-1, EN 301489-17, EN 300328 V2.2.2, EN 62479 i henhold til bestemmelsene i direktive ne 2014/53/EU, 2011/65/EU

(FIN) CE-´16 - Todistus slandardinmukaisuudesta **RED**. Asiasta vastaavana todistamme täten, että tämä tuote on seuraavien standardien ja standardoimisasiakirjojen vaatimusten mukainen: EN 62368-1, EN 301489-1, EN 301489-17, EN 300328 V2.2.2, EN 62479 ja vastaa säädöksiä 2014/53/EU, 2011/65/EU

(SK) CE-´16 - Prehlásenie o zhode **RED**. Prehlasujeme na vlastnú zodpovednosť, že tieto produkty sú v súlade s nasledovnými normami: EN 62368-1, EN 301489-1, EN 301489-17, EN 300328 V2.2.2, EN 62479 a v zhode so smernicemi 2014/53/EU, 2011/65/EU

(PL) CE-´16 - Zgodnosc z dyrektywami **RED**. Swiadomi odpowiedzialnosci oswiadczamy, ze niniejszy produkt jest zgodny z nastepujacymi normami lub dokumentacja normatywna: EN 62368-1, EN 301489-1, EN 301489-17, EN 300328 V2.2.2, EN 62479 i nastepujacymi normami wytycznych 2014/53/EU, 2011/65/EU

(CZ) CE-´16 - Prohlášeni o shode **RED**. Prohlašujeme na vlastni zodpovednost, ze tyto produkty splnuji následujici normy nebo normativni listiny: EN 62368-1, EN 301489-1, EN 301489-17, EN 300328 V2.2.2, EN 62479 Ve shode se smernicemi 2014/53/EU, 2011/65/EU

(SLO) CE-´16 - Izjava o skladnosti **RED**. S tem potrjujemo splošno odgovornost, da je ta izdelek narejen v skladu z navedenimi normami in standardi EN 62368-1, EN 301489-1, EN 301489-17, EN 300328 V2.2.2, EN 62479 ter določbami in smernicami 2014/53/EU, 2011/65/EU

(HR) CE-´16 - Izjava o sukladnosti **RED**. Pod punom odgovornošću izjavljujemo da je proizvod naveden u naslovu ovog dokumenta sukladan sa primijenjenim normama i normativnim dokumentima : EN 62368-1, EN 301489-1, EN 301489-17, EN 300328 V2.2.2, EN 62479 u skladu sa odredbama preporuka 2014/53/EU, 2011/65/EU

(H) CE-´16 - Megfelelőségi nyilatkozat **RED**. Kézimüködtetésü elektromos kéziszerszámok. Teljes felelősségel kijelentjük, hogy ezek a termékek a következő szabványokkal és irányelvekkel összhangban vannak: EN 62368-1, EN 301489-1, EN 301489-17, EN 300328 V2.2.2, EN 62479 és megfelelnek a rendeltetés 2014/53/EU, 2011/65/EU irányelveknek.

(RO) CE-´16 - Declaraţie de conformitate **RED**. Noi declarăm pe propria răspundere că acest produs este în conformitate cu următoarele norme şi documente normative: EN 62368-1, EN 301489-1, EN 301489-17, EN 300328 V2.2.2, EN 62479 potrivit dispoziţiilor directivelor 2014/53/EU, 2011/65/EU

Remscheid, 01.06.2021

CE Joh.-Christoph Schütz

Dipl.-Ing. Joh.-Christoph Schütz, CE-Representative

Questions? Contact EST Group Customer Service at any of the following locations.

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