



Read this manual carefully before installing, operating, servicing or repairing.

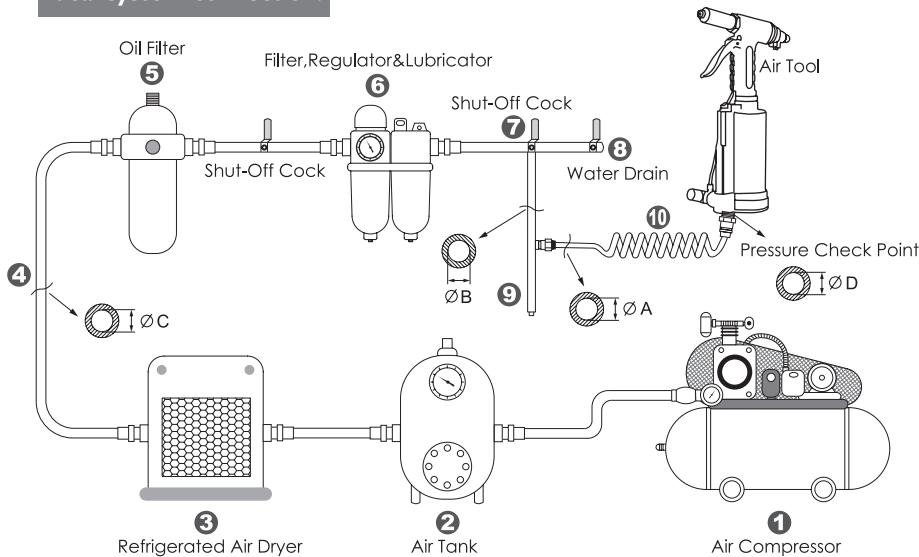
Working environment:

1. Using these tools in any potentially explosive environment is strictly prohibited.
2. It is always recommended that these types of tools must be operated when standing on a solid or firm location.
3. Always use these tools in a well ventilated area.
4. Slipping, stumbling and falling are the major causes of potential serious injury, therefore, a clean and clutter free surface in the working area before operating the tools is strongly recommended.

Air supply and connection requirements:

1. The maximum recommended air pressure during operation must not exceed 90 psi (6.3bar). Higher air pressure may create unsafe operating conditions for the tool and the user.
2. The compressed air should be cooled and have a water filter installed at the outlet end of the compressor. Even with a water filter installed, some water may still condense in the piping or hose and will enter the tool mechanism causing premature damage to the tool. Therefore, it is recommended to install an air filter-lubricator device somewhere between the tool and the compressor.
3. Always use an air compressor of the proper capacity to operate each tool.
4. Clean the hose with a blast of compressed air before connecting the hose to the air tool. This will prevent both moisture and dust inside the hose from entering the tool and causing possible rust or malfunction.

Ideal system connection:



Piping diameters and length requirement:

- ★ The diameter ΦA required for the inlet pipe (10) is recommended on the specification table.
- ★ The diameter ΦB required for the branch pipe (from 7 to 9) should be 2 times as large as ΦA . $\Phi B = 2 \times \Phi A$
- ★ The diameter ΦC required for the primary air supply (from 1 to 3) should be 3 times as large as ΦA .
 $\Phi C = 3 \times \Phi A$
- ★ The length for the inlet pipe (10) should be less than 15 feet (4.5m).



! Warning: !

1. This tool should only be used as a hand operated tool. It is powered by compressed air and is not insulated against electric shock.
2. This tool is specially designed for riveting sheet metals together. Any application or use of this tool other than what it is designed for is strictly prohibited.
3. High sound levels may cause hearing damage. Always wear hearing protection when operating this tool.
4. Wearing eye/face protection can reduce the danger of high-speed materials being ejected from tool use.
5. User must wear proper clothing. Loose clothing, long hair, stings, straps, belts and jewelry should not be worn when operating this tool.
6. Make sure that the all the specifications of the rivets to be used are compatible with this tool.
7. Check the protection against the ejecting of rivet stem in place and is operative.
8. Make certain to stand on a solid or firm location and keep body in well-balanced position while operating this tool.
9. Always turn off the air supply and disconnect the air hose before changing rivet nose or making adjustments on this tool.
10. Release the throttle lever to avoid danger if there is a failure of energy supply or when connecting or disconnecting the air hose.
11. Prolonged use will cause user fatigue. Periodic breaks are recommended for user safety.
12. It is recommended to stop operating the tool whenever the user experiences discomfort, tingling or pain during use.
13. Beware if the compressed air hose breaks unexpectedly, or is being connected or disconnected improperly. This whipping action may cause injury.

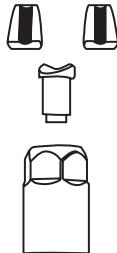


Maintenance:

1. Disassemble and clean all the components inside the front housing with pressured air.
2. Take the piston assembly apart from the air cylinder, clean and apply some pneumatic oil to both piston and cylinder walls.
3. Rehabilitate the tool by assembling everything back reversely.
4. Refer to the supplied parts list to perform the proper maintenance process before using this tool.
5. Repeat the same process periodically for regular tool maintenance.
6. Follow all the recycling laws of waste disposal once this tool is no longer usable.

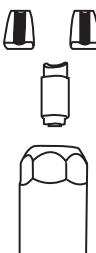
Instructions for selecting proper jaw housing on item # PA-201.

Large jaw housing assembly
PA-201P03, P04 & P05



Large jaw housing

Small jaw housing assembly
PA-201P03A, P04A & P05A



Small jaw housing

These two different housings are easy to be identified by the internal diameters. Both of them are supplied together with each PA-201.

To prevent premature failure of the housing, the operator is required to use the proper jaw housing based on the rivet size being used.

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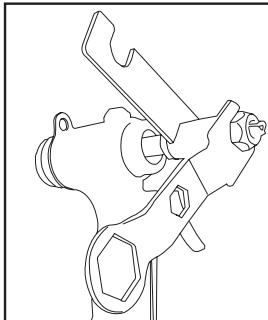
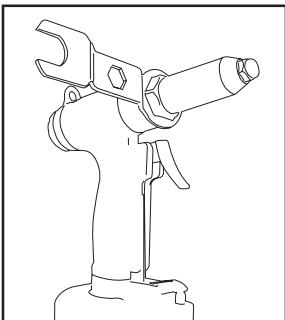
Reference:

1. The large jaw housing assembly includes components PA-201P03, P04 & P05.

This is suitable for rivet sizes of 6.4mm, 6.0mm or 4.8mm.

2. The small jaw housing assembly includes components PA-201P03A, P04A & P05A.

This is suitable for rivet sizes of 4.0mm, 3.2mm or 2.4mm.



Procedure to change the Jaw Housing Assembly:

Step1: Use Multi-Wrench (B) / PA-201P55 to remove the Front Housing / PA-201P02.

Step2: Hold still the Jaw Housing Coupler / PA-201P07 with the supplied Multi-Wrench (B) / PA-201P55 and disassemble the Jaw Housing / PA-201P03 with the Multi-Wrench (A) / PA-201P54.

Step3: Reverse the procedure to assemble all the components for the Jaw Housing selected.

Note: Please refer to the parts list to identify the parts mentioned before performing all the steps.



Lire ce guide avant toute installation, opération, maintenance ou réparation.

Environnement de travail:

- 1.L'outil ne doit pas être utilisé dans un lieu ayant une atmosphère potentiellement explosive.
- 2.Il est fortement conseillé d'utiliser ce genre d'outils avec une prise au sol ferme et solide.
- 3.Toujours utiliser l'outillage pneumatique dans un endroit bien ventilé.
- 4.Des installations encombrées et mal organisées sont une des principales causes de blessures en milieu de travail. Une aire de travail propre et libre de tout obstacle est requise pour assurer la sécurité au travail.

Pression et alimentation en air

- 1.La pression d'air maximal recommandé ne devrait jamais excéder les 90 psi (6,3bar). Une utilisation à une pression d'air supérieur peut causer des dommages à l'outil et/ou pour son utilisateur.
- 2.L'air à la sortie du compresseur devrait être refroidi et passer à travers un filtre capteur d'humidité pour éviter les risques de condensation à l'intérieur de l'outil. L'humidité et la condensation peuvent créer de la rouille et une usure prématurée de l'outil. Pour cette raison, il est recommandé d'installer un filtre à air/lubrificateur quelque part entre l'outil pneumatique et le compresseur.
- 3.Utilisez un compresseur avec une capacité adaptée pour chaque outil.
- 4.Nettoyez le tuyau d'alimentation avec une décharge d'air avant chaque utilisation. Ceci évitera que de l'humidité et/ou des impuretés ne pénètrent à l'intérieur de l'outil et ne crée des problèmes de fonctionnement ou une usure prématurée.



Attention:

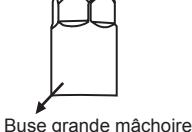
1. Tout l'outillage pneumatique devrait être opéré de façon manuelle. Ils sont alimentés par de l'air comprimé et ne sont pas conçus pour être utilisés dans des milieux sous tension électrique.
2. Cet outil est conçu spécifiquement pour le rivetage de feuille de métal ensemble. Toute autre utilisation de cet outil est fortement déconseillée.
3. Le niveau sonore élevé de l'outillage pneumatique peut causer des dommages auditifs permanents. Toujours porter une protection auditive lors de l'utilisation.
4. Il est fortement conseillé de se munir de protection pour les yeux et le visage afin d'éviter les blessures causées par débris ou une douille mal fixée éjectée lors de l'utilisation.
5. L'utilisateur se doit de porter des vêtements adéquats. Des vêtements amples, des cheveux longs, des attaches, sangles, ceintures ou bijoux ne devraient pas être portés lors de l'utilisation de ces outils.
6. S'assurer avant l'utilisation que les spécifications des rivets utilisés sont compatibles à cet outil.
7. S'assurer que la protection contre les clous rompus est bien en place et fonctionnel.
8. Il est fortement conseiller d'utiliser ce genre d'outils avec une prise au sol ferme, solide ainsi que d'avoir positionnement bien balancer afin d'éviter les déséquilibres.
9. Toujours éteindre l'alimentation en air et débrancher les raccords lors d'un changement de buses ou d'accessoires..
10. Relâchez la gâchette lorsqu'il y a un problème d'alimentation ou lors du débranchement de l'outil.
11. Des périodes d'utilisation prolongée peuvent causer de la fatigue. Des pauses régulières sont conseillées pour augmenter la sécurité de l'utilisateur.
12. Il est recommandé d'arrêter immédiatement le travail lorsqu'un malaise ou une forte fatigue est ressenti lors de l'utilisation prolongée de cet outil.
13. Toujours faire attention à un éventuel bris du tuyau d'alimentation en air et lors de son débranchement intentionnel ou accidentel. Le fouettement du tuyau d'alimentation peut causer des blessures.

Maintenance:

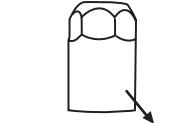
1. Désassembler et nettoyer toutes les composantes à l'intérieur de la cloche avant REMOVE à l'aide d'une décharge d'air.
2. Détacher et nettoyer le piston et le cylindre hydraulique. Appliquer de l'huile pneumatique sur le piston et sur les parois internes du cylindre.
3. Reconditionner l'outil en remettant les pièces démontées en place.
4. Se référer à l'éclaté des pièces pour effectuer les bonnes actions de maintenance avant d'utiliser cet outil.
5. Répéter la procédure périodiquement pour une maintenance régulière et une durée de vie optimale de l'outil.
6. Si l'outil est trop endommagé pour être encore reconditionné, déposez-le dans une déchetterie pour qu'il soit recyclé.

Guide pour sélectionner les bonnes mâchoires sur la pièce # PA-201.

Montage grande mâchoire
PA-201P03, P04 & P05



Montage petite mâchoire
PA-201P03A, P04A & P05A

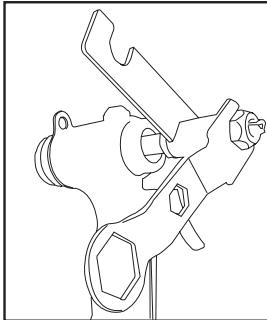
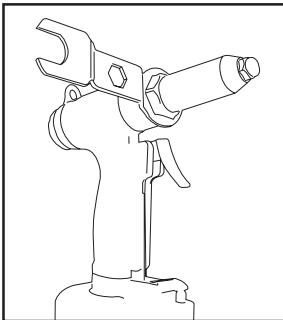


La différence entre les deux buses est très simple à identifier en regardant les diamètres internes.

Deux grandeurs de buse sont incluses avec chaque lot de PA-201. Afin de prévenir une usure prématuée, l'utilisateur doit s'assurer d'insérer la buse correspondante au diamètre du rivet. Utilisation :

1. Le kit de montage de la grande buse inclut les pièces: PA-201P03, P04 & P05,
Elle est utilisable pour les rivets de diamètre: 6.4mm, 6.0mm or 4.8mm.
2. Le kit de montage de la petite buse inclut les pièces: PA-201P3A, P4A & P5A,

Elle est utilisable pour les rivets de diamètre: 4.0mm, 3.2mm or 2.4mm



Procédure pour changer les buses:

Etape 1: Utiliser la clé multi-fonction "A" PA-201P55 pour retirer la cloche frontale PA-201P02.

Etape 2: Rattacher le raccord de la buse PA-201P07 avec la clé multi-fonction PA-201P55 et désassembler la buse PA-201P03 avec la clé multi-fonction "A" PA-201P54.

Etape 3: Réassembler l'ensemble des pièces en incluant la buse de diamètre choisi.



Bitte lesen Sie die beigelegte Anweisung sorgfältig vor der Installation, der Arbeit, Wartung und dem Wechsel des Zubehörs mit der Fettpresse.

Sicherheitshinweise:

1. Es ist strikt verboten, die Druckluftschlagschrauber in einem explosionsgefährdeten Arbeitsumfeld zu benutzen.
2. Es ist ratsam, das Werkzeug auf einer festen Arbeitsfläche zu verwenden, z. B. auf einem festen und ebenen Arbeitsplatz.
3. Beachten Sie, dass die Arbeitsumgebung mit dem Druckluftwerkzeug immer gut belüftet sein soll.
4. Vor der Benutzung eines Druckluftwerkzeugs sichern Sie eine saubere, geräumige und feste Arbeitsumgebung ab, da Rutschen, Anstoßen und Zubruchgehen die Hauptgründe für Schadensentstehung sind.

Luftversorgungssystem:

1. Der in der Bedienungsanleitung angegebene maximale Arbeitsluftdruck, 90 psi bzw. 6,3 bar, für das Druckluftwerkzeug ist NICHT zu überschreiten, da dies zu Verletzungen und erhöhtem Materialverschleiß führen kann.
2. Die Druckluftzufuhr soll durch den in der Anlage eingebauten Lufttrockner abgekühlt werden und am Druckluftabgang durch den installierten Filter gefiltert werden. Trotzdem könnte, je nach den Umgebungsverhältnissen, immer wieder Kondenswasser in der Leitung entstehen. Die Feuchtigkeit verursacht bekanntlich Schäden und Leistungsverlust für das Werkzeug. Daher empfehlen wir unseren Kunden, eine Wartungseinheit wie den „Filter, Regler & Öler“ an einer Stelle zwischen der Luftzufuhr und dem Werkzeug zu installieren. Diese zusätzliche Wartungseinheit gewährleistet ein ideales Luftversorgungssystem für die Arbeit mit dem Werkzeug und verhindert gleichzeitig die Korrosionsbildung.
3. Bitte verwenden Sie immer einen Kompressor, der die passende Luftkapazität für das Gerät hat.
4. Vor dem Anschluss eines Druckluftwerkzeugs reinigen Sie mit Gebläseluft den Luftschauch. Dies verhindert, dass die in dem Luftschauch existierende Feuchtigkeit und Staub ins Werkzeug eindringen und schützt so vor Korrosionsbildung und Verschleiß des Werkzeugs.



Allgemeine Sicherheitshinweise: !

1. Dieses Werkzeug kann nur für manuelle Arbeit eingesetzt werden und wird angetrieben mittels der durch einen Kompressor bereitgestellten Druckluft. Dieses Werkzeug ist nicht isoliert gegen Elektroschock.
2. Dieses Werkzeug ist speziell ausgelegt für die Anwendung zum Nieten, geeignet für Karosserie, Alu-, weichere Materialien. Jede andere Verwendung ist strikt verboten.
3. Bei hohen Geräuschpegeln ab 85 dB(A) ist am Arbeitsplatz ein Gehörschutz zu tragen.
4. Ein bruchsicherer Augenschutz ist stets zu tragen, um sich vor absplitternden Teilen zu schützen.
5. Immer Arbeitsschutzkleidung tragen! Bei der Arbeit sollen eng anliegende Kleidungstücke getragen werden. Es sollen kein Gürtel, kein Schmuck und keine langen Haare getragen werden.
6. Vor der Verwendung ist die Spezifikation der Niete zu prüfen, ob die eingesetzte Niete zum Werkzeug „Blindnietpistole“ passt!
7. Stellen Sie sicher, dass für ausreichenden Schutz gegen herabfallende Späne und Partikel während des Betriebs gesorgt ist.
8. Sie sollen auf einem festen und sicheren Arbeitsbereich stehen und auf Ihre Körperhaltung während des ganzen Einsatzes achten
9. Vor einem Zubehörwechsel oder vor einer Einstellung ist das Werkzeug grundsätzlich von der Luftleitung abzukuppeln und diese von Druck zu entlasten.
10. Den Druckauslöser des Werkzeugs im Fall eines Motorschadens oder einer Unterbrechung der Luftschauchverbindung sofort loslassen.
11. Nach lang andauernder Benutzung können extreme Schwingungen Taubheitsgefühle für die Hände hervorrufen. Zu Ihrem eigenen Gesundheitsschutz ist es ratsam, öfters eine Pause bei der Arbeit einzulegen.
12. Die Arbeit mit dem Werkzeug ist sofort einzustellen, wenn sich der Benutzer während der Arbeit unwohl fühlt oder ein Kribbeln empfindet.
13. Achten Sie besonders darauf, wenn der Luftschauch unerwartet die Luftzufuhr unterbricht, oder die Luftversorgungsverbindung ruckartig austritt. Dies kann zu Schäden führen.

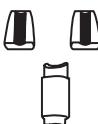
Wartungshinweise

1. Nach dem Demontieren der Blindnietpistole reinigen Sie alle Komponenten der Innerseite des vorderen Gehäuses mit Druckluft.
2. Den Kolben mit allen Bauteilen des Luftzylinders abbauen, säubern und mit etwas zulässigem pneumatischen Öl die zugehörigen Teile wie Zylinder und Kolben gründlich schmieren!
3. Alle Bauteile wieder in umgekehrter Richtung als beim Demontieren zusammenbauen
4. Anhand der beigefügten Stückliste bei der Lieferung führen Sie ordnungsgemäß die Wartung durch, bevor Sie das Werkzeug wieder verwenden.
5. Die Wartungsarbeit für das Werkzeug sollte immer in regelmäßiger Abstand ausgeführt werden.
6. Nach der endgültigen Abnutzung des Werkzeugs befolgen Sie alle Umweltschutzrichtlinien für die Abfallsortung bzw. Abfallbeseitigung.

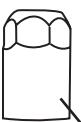
Zur richtigen Auswahl des Blindnietgeräts PA-201.

Großer Backesatz
PA-201P03, P04 & P05

Kleiner Backesatz
PA-201P03A, P04A & P05A



Großes Backe-Gehäuse



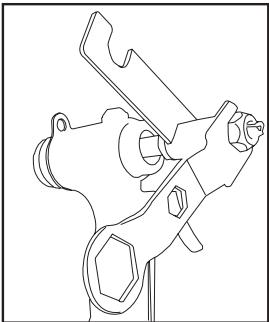
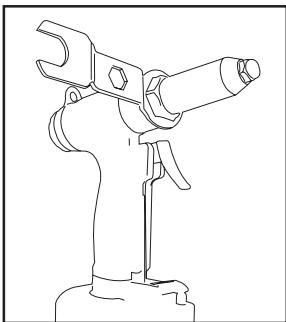
Kleines Backe-Gehäuse



Der Unterschied der beiden Gehäuse lässt sich leicht visuell durch den Innendurchmesser ermitteln.

Die zwei Gehäuse sind im Lieferumfang des Werkzeugs PA201 erhältlich.

Zur richtigen Auswahl des Backe-Gehäuses ist das Nennmaß der Niete maßgebend. Um einen vorzeitigen Ausfall des Gehäuses zu verhindern, ist es wichtig, das zur Niete passende Backe-Gehäuse zu verwenden.



Hinweise

- 1.Die Bauteile des großen Backe-Gehäuse beinhaltet den Komponenten PA-201P03, P04 & P05. Der große Backesatz nur für die Nieten Ø 4,8 – 6,0 – 6,4mm (3/16", -1/4") vorgesehen.
- 2.Die Bauteile des kleinen Backe-Gehäuse beinhaltet den Komponenten PA-201P03A, P04A & P05A. Der kleine Backesatz soll nur für Nieten Ø 2,4 – 3,2, 4,0mm (3/32" - 1/8" - 5/32") eingesetzt werden.

Die Arbeitsschritte für das Wechseln des Backe-Gehäuses

Schritt 1: Anhand des Schraubenschlüssels (B) PA-201P55, das vordere Gehäuse der Pistolenase PA-201P02 ablösen, in dem Sie das Gehäuse in die Uhrzeigerrichtung drehen.

Schritt 2: Auch mit demselben Schlüssel (B)PA-201P55 fixieren Sie das Backe-Gehäuse PA-201P07. Mit dem Schlüssel PA-201P54(A) bauen Sie dann die vorhandene Backe PA-201P03 (das Mundstück) ab.

Schritt 3: Nach dem Ersatzteilwechsel bauen Sie das Gehäuse zu der Blindnietpistole wieder zusammen, in umgekehrtem Arbeitsschritt.

Achtung: Vor jeweiliger Reparaturarbeit vergleichen Sie die benötigten Bauteile anhand des Handbuchs oder der Ersatzteileliste.



Lea este manual cuidadosamente antes de instalar, operar, realizar el servicio técnico o la reparación de la herramienta.

Ambiente de trabajo:

1. El uso de estas herramientas en cualquier ambiente potencialmente explosivo está totalmente prohibido.
2. Es siempre recomendado que este tipo de herramientas sean operadas parándose sobre un lugar sólido o firme.
3. Siempre usar estas herramientas en un lugar con buena ventilación.
4. Resbalarse, tropezarse y caerse son las mayores causas de daños potencialmente serios, por lo que se recomienda operar las herramientas en una superficie limpia y libre de abarrotamiento dentro del área de trabajo.

Requerimientos de surtido de aire y conexiones:

1. La presión máxima de operación no debe exceder de 90 psi (6.3bar). Una presión de aire mayor podría crear condiciones de operación no seguras para la herramienta y el usuario.
2. El aire comprimido debe ser enfriado y tener un filtro de agua instalado en el lado de salida del compresor. Aún con el filtro de agua instalado, algo de agua podría condensarse todavía en las tuberías o la manguera y entrar en el mecanismo de la herramienta, causando daños prematuros a la misma. Por ello es recomendable instalar un dispositivo filtro-lubricador de aire en algún punto de la línea entre la herramienta y el compresor.
3. Siempre usar el compresor de aire de la capacidad apropiada para operar cada herramienta.
4. Limpiar la manguera con un soplo de aire comprimido antes de conectar la manguera a la herramienta de aire. Esto evitará que la humedad y la suciedad dentro de la manguera ingresen a la herramienta causando su oxidación o malfuncionamiento.



! Advertencia: !

1. Esta herramienta debe ser usada únicamente como una herramienta operada manualmente. Funciona con compresora de aire y no está aislada contra choques eléctricos.
2. Esta herramienta ha sido especialmente diseñada para remachar y unir dos planchas de metal. Cualquier uso de esta herramienta ajeno al propósito para el que fue diseñada, está estrictamente prohibido.
3. Sonidos de niveles altos podrían causar daños al oído. Use siempre protección al operar esta herramienta.
4. El uso de protección de ojos y cara puede reducir el peligro ocasionado por materiales expulsados a alta velocidad por la herramienta en uso.
5. El operario debe usar ropa apropiada. Ropa muy suelta, pelo largo, cordones, tirantes, correas y joyería no deben ser usados cuando se opere esta herramienta.
6. Asegúrese que todas las especificaciones de los remaches a usarse sean compatibles con esta herramienta.
7. Revise que el protector contra la expulsión del vástago del remache esté en su lugar y funcionando.
8. Asegúrese de pararse sobre un lugar sólido o firme y mantenga el cuerpo en una posición con buen balance al operar esta herramienta.
9. Siempre apague el suministro de aire y desconecte la manguera de aire antes de cambiar la nariz de la remachadora o de hacer ajustes a esta herramienta.
10. Suelte el gatillo de accionamiento para evitar peligro si existe una falla en el suministro de energía eléctrica o cuando conecte o desconecte la manguera de aire.
11. Largas periodos de uso prolongado causa fatiga del usuario. Descansos periódicos son recomendados para seguridad del usuario.
12. Se recomienda interrumpir el uso de la herramienta en caso de experimentar incomodidad, cosquilleo o dolor durante su uso.
13. Tenga cuidado si la manguera de aire se rompe inesperadamente, o si se conecta o desconecta de manera inapropiada. El efecto azote de tal acción podría causar lesiones.

Mantenimiento:

1. Desarmar y limpiar todos los componentes dentro del casco frontal con aire presurizado.
2. Separar el pistón del cilindro de aire, limpiar y aplicar aceite neumático tanto al pistón como a las paredes del cilindro.
3. Rehabilite la herramienta ensamblando todo de vuelta de modo reverso.
4. Lea la lista de partes adjunta para realizar un mantenimiento adecuado antes de usar esta herramienta.
5. Repetir el mismo proceso periódicamente para mantenimiento regular de la herramienta.
6. Respete todas las leyes de reciclaje y desechos una vez que esta herramienta sea desechada.

Instrucciones para seleccionar el alojamiento de mandíbula (chuck) apropiado en el ítem # PA-201

Conjunto del alojamiento de mandíbula
Grande PA-201P03, P04 & P05



Alojamiento de mandíbula grande



Conjunto del alojamiento de mandíbula
Pequeño PA-201P03A, P04A & P05A

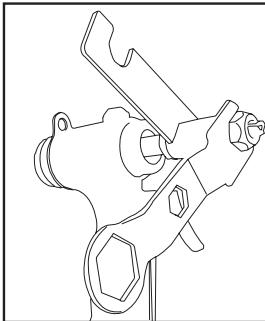
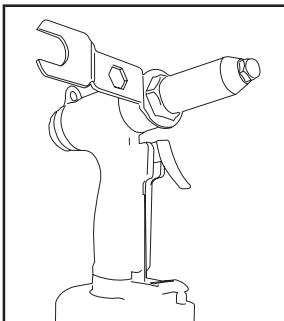


Alojamiento de mandíbula pequeño



La diferencia entre ambos alojamientos es fácil de identificar visualmente por los diámetros internos.

Ambos tamaños de alojamiento de mandíbula son adjuntados a cada PA-201. Para prevenir fallas prematuras del alojamiento, el operario debe utilizar el alojamiento de mandíbula apropiado según el tamaño del remache que está siendo utilizado.



Referencia:

1. El ensamblaje del alojamiento de mandíbula grande (chuck grande) incluye los componentes: PA-201P03, P04 & P05,
Esto es apropiado para uso con los remaches de tamaños 6.4mm, 6.0mm ó 4.8mm.

2. El ensamblaje del alojamiento de mandíbula pequeño (chuck pequeño) incluye los componentes: PA-201P03A, P04A & P05A,
Esto es apropiado para uso con los remaches de tamaños 4.0mm, 3.2mm ó 2.4mm.

Procedimiento para cambiar el ensamblaje de la mandíbula:

Paso1: Use la Multi-Llave (B) / PA-201P55 para quitar la Cubierta Frontal / PA-201P02.

Paso2: Mantenga sujeto el acople de la cubierta de mandíbula / PA-201P07 con la Multi-Llave (B) / PA-201P55 y desarme la Cubierta de Mandíbula / PA-201P03 con la Multi-Llave (A) / PA-201P54.

Paso3: Realice el procedimiento inverso para volver a armar todos los componentes de la Cubierta de Mandíbula seleccionados.

Nota: Por favor ver la lista de partes para ubicar las piezas mencionadas antes de realizar el procedimiento.



Leia atentamente este manual antes de instalar, operar, carregar ou reparar sua engraxadeira pneumática.

Recomendações sobre a área de trabalho:

1. Nunca trabalhe com esta ferramenta pneumática em ambientes potencialmente explosivos.
2. Deve oferecer uma base firme e sólida o piso sobre o qual o operador trabalhará com esta ferramenta pneumática.
3. Trabalhe com esta ferramenta somente em áreas bem ventiladas.
4. Tropeços, escorregões e quedas, enquanto estiver trabalhando com ferramentas pneumáticas, podem ser potencialmente perigosos. Procure manter a área de trabalho seca e livre de obstáculos.

Requisitos para a linha de ar e conexões:

1. A pressão máxima de trabalho não deve ultrapassar 90 psi (6,3 bar). Pressões mais altas podem danificar a ferramenta e machucar o operador.
2. O ar comprimido deve ser resfriado e filtrado na saída do compressor. Mesmo tomando estas medidas, um pouco de umidade pode se condensar dentro das tubulações e entrar na ferramenta pneumática, reduzindo sua vida útil. Por essa razão é recomendada a instalação de um conjunto de filtro e lubrificador de ar em algum ponto da linha entre a ferramenta e o compressor.
3. O compressor deve ter capacidade compatível com o consumo do número de ferramentas pneumáticas a ele conectadas.
4. Limpe o interior da mangueira com um jato de ar comprimido antes de conectá-la à ferramenta pneumática. Esse procedimento evita que sujeira e umidade sejam carregadas para dentro da ferramenta, danificando-a.



! Atenção: !

1. Esta é uma ferramenta de uso manual apenas. Ela é alimentada por ar comprimido e não possui isolamento elétrico algum.
2. Esta ferramenta foi projetada para fixar, rebitar, duas chapas metálicas. É vedado seu uso para qualquer outra finalidade.
3. A exposição a ruídos elevados pode provocar danos auditivos irreversíveis. Use sempre protetores auriculares ao trabalhar com esta ferramenta pneumática.
4. O uso de óculos e máscara de proteção reduz o risco de ferimentos decorrentes de peças metálicas que venham a ser ejetadas em alta velocidade durante o trabalho.
5. O uniforme deve ser adequado ao trabalho com ferramentas de alta rotação. Tiras e pontas soltas de tecido, cintas, correntes de pescoço ou pulseiras, assim como cabelos compridos, podem se enroscar na ferramenta e provocar sérios acidentes.
6. Certifique-se que as especificações de material e diâmetro dos rebites são compatíveis com essa ferramenta.
7. Verifique se a proteção contra restos de rebite está montada e em operação.
8. Trabalhe somente sobre um piso ou base suficientemente firme e mantenha uma posição corporal que lhe garanta o total equilíbrio e controle durante o trabalho com esta ferramenta.
9. Sempre desconecte a mangueira de ar antes de efetuar alguma troca de rebites ou efetuar ajustes da ferramenta.
10. Solte imediatamente a alavanca de acionamento da ferramenta, se houver queda de energia ou se a mangueira de ar se desconectar.
11. O trabalho ininterrupto por longos períodos pode causar fadiga. Recomenda-se efetuar pausas de vez em quando para evitar acidentes decorrentes do cansaço do operador.
12. Interrompa o trabalho imediatamente se sentir desconforto, dor ou mesmo formigamento dos membros ao usar esta ferramenta pneumática.
13. Esteja sempre atento a um possível chicoteamento da mangueira de ar, caso ela se rompa ou se desconecte acidentalmente da ferramenta.

Manutenção:

1. Desmonte e limpe com jatos de ar comprimido as peças internas do alojamento frontal.
2. Tire o pistão de dentro do cilindro pneumático, limpe-o e aplique algumas gotas de óleo SAE 10-20 sobre o pistão e paredes do cilindro.
3. Ao desmontar qualquer parte, siga corretamente a ordem inversa para remontá-la.
4. Use a lista de peças como referência para efetuar a (des)montagem desse ferramenta pneumática.
5. Faça a limpeza e lubrificação acima descritas periodicamente.
6. Procure reciclar essa ferramenta e/ou suas partes, se as mesmas já não forem mais úteis.

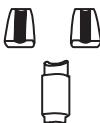
Instruções para seleção e troca do suporte de pinças da PA-201

Suporte maior para montagem das pinças
PA-201P03, P04 & P05



Suporte maior

Suporte menor para montagem das pinças
PA-201P03A, P04A & P05A

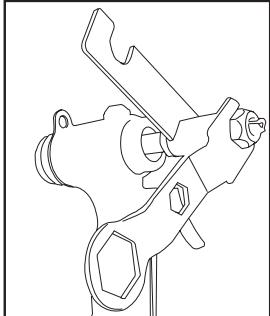
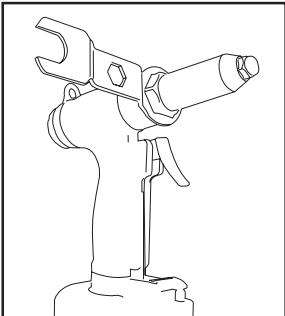


Suporte menor

Comparando os diâmetros internos é fácil identificar os suportes de pinças maior e menor.

Os dois suportes de pinças são fornecidos com a rebitadeira pneumática PA-201.

Para evitar desgaste prematuro, o operador deve sempre selecionar o suporte de pinças mais adequado ao tamanho e espessura de rebite utilizado.



Indicação:

1. O suporte de pinças maior é composto pelas peças PA-201P03, P04 e P05, sendo indicado para rebites de 4,8 mm, 6,0 mm e 6,4 mm.
2. O suporte de pinças menor é composto pelas peças PA-201P3A, P4A e P5A, sendo indicado para rebites de 2,4 mm, 3,2 mm e 4,00 mm.

Procedimentos para trocar o suporte de montagem pinças:

Passo 1: Use a chave especial PA-201P55 para remover o alojamento frontal PA-201P02.

Passo 2: Trave a peça PA-201P07 com a chave PA-201P55 e desmonte o suporte de pinça PA-201P03 com a chave PA-201P54.

Passo 3: Instale o suporte de pinça correto com a chave PA-201P54, travando a peça PA-201P07 com a chave PA-201P55. Reinstale, então, o alojamento frontal PA-201P02.



Перед эксплуатацией внимательно прочтите инструкцию

Рабочая обстановка:

1. Использование инструментов в любой потенциально взрывоопасной среде строго запрещено.
2. Рекомендуется использовать инструменты стоя на твердой и ровной поверхности.
3. Всегда используйте инструменты в хорошо проветриваемом помещении.
4. Основными причинами потенциальных серьезных травм являются падения, спотыкания подскальзывания, поэтому, Перед началом работы с инструментами настоятельно рекомендуется приготовить чистую и свободную поверхность и порядок в рабочей зоне .

Подача воздуха и требования к соединению:

1. Максимальное рекомендуемое давление воздуха при эксплуатации не должно превышать 90 psi (6.3 атм.). Превышение атмосферного давления может создать небезопасные условия для работы с инструментом.
2. Сжатый воздух должен быть охлажден и на выходе из компрессора должен быть установлен фильтр влагоотделитель. Даже с фильтром, конденсат может скапливаться в трубопроводе или шланге, что может быть причиной преждевременного износа инструмента. Поэтому рекомендуется установить воздушный фильтр-лубрикатор между инструментом и компрессором.
3. Всегда используйте воздушный компрессор надлежащей частоты для каждого инструмента.
4. Продувайте шланг перед соединением с пневматическим инструментом. Это позволит избежать попадания влаги и пыли внутрь инструмента и причинения ржавчины или неисправности.



Предостережения перед использованием:



1. Этот инструмент может использоваться только в качестве ручного инструмента. Он рассчитан только на питание сжатым воздухом.
2. Инструмент разработан специально для соединения заклепками листового металла. Любое применение или использование этого инструмента не по назначению строго запрещено.
3. Высокий уровень шума может привести к повреждению слуха. Всегда применяйте защиту органов слуха при работе с инструментом.
4. Применение защиты глаз / лица могут снизить опасность поражения вылетевшей насадкой, в связи с ненадлежащим присоединением насадки в процессе эксплуатации.
5. Пользователь должен носить надлежащую одежду. Свободная одежда, длинные волосы, ремни, и ювелирные изделия не следует носить при работе этим инструментом.
6. Убедитесь что характеристики заклепок соответствуют инструменту.
7. Убедитесь, что защита от вылета отвертки на месте.
8. Убедитесь, что стоите на твердой,устойчивой поверхности, тело находится в хорошо сбалансированной позиции при работе этим инструментом.
9. Всегда отключайте подачу воздуха и отсоединяйте воздушный шланг перед заменой насадки или внесением изменений в инструменте.
10. Необходимо отпустить дроссельной триггер, чтобы избежать опасности, при сбое энергоснабжения и при подключении или отключении воздушного шланга.
11. Периодические перерывы рекомендуются для безопасности пользователя. Длительные периоды использования могут вызвать усталость пользователя.
12. Рекомендуется остановить эксплуатацию инструмента, если пользователь почувствовал дискомфорт, покалывание или боль во время работы.
13. Опасайтесь спонтанного обрыва шланга подачи сжатого воздуха, если он был подключен или отключен неправильно. Это может привести к травмам.

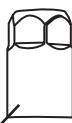
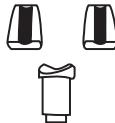
обслуживание:

1. Разобрать и очистить все компоненты внутри переднего корпуса с продуванием.
2. Возьмите поршневой отдельно от воздушного цилиндра, отчистите и смажьте специальной смазкой.
3. Соберите все части заново.
4. Сверьтесь с прилагаемым перечнем частей для выполнения соответствующего процесса обслуживания, прежде чем использовать этот инструмент.
5. Повторяйте этот процесс периодически для регулярного обслуживания системы.
6. Соблюдайте все законы переработки отходов после завершения эксплуатации оборудования.
Сверьтесь с прилагаемым перечнем частей для выполнения соответствующего.

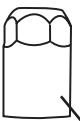
Инструкция по выбору надлежащего патрона по пункту # PA-201

Сборка большого потрона
PA-201P03, P04 & P05

Сборка малого потрона
PA-201P03A, P04A & P05A



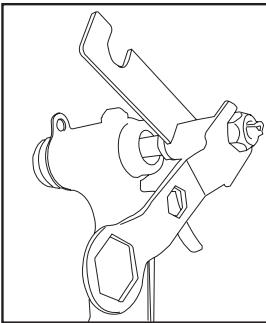
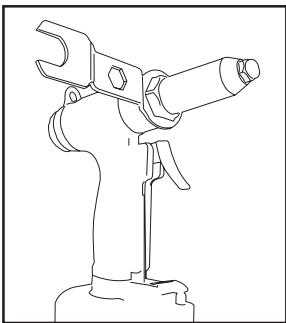
большой патрон



малый патрон



Оба патрона можно легко различить по отверстиям разного диаметра. Оба идут в комплекте с PA-201



Чтобы предотвратить преждевременный износ гнезда, оператор обязан использовать надлежащий патрон на основе размера заклепки.

1. Большой патрон включает в себя единицы PA-201P03, P04 & P05.

Они подходят для заклепок размером 6.4мм 6.0мм 4.8мм.

2. Малый патрон включает в себя единицы PA-201P3A, P4A & P5A.

Они подходят для заклепок размером 4.0мм 3.2мм 2.4мм.

Процедура замены патронной части:

Шаг 1: Используя ключ (B) / PA-201P55 снять переднюю часть корпуса / PA-201P02.

Шаг 2: Зафиксируйте сцепляющую муфту / PA-201P07 прилагаемым ключем (B) / PA-201P55 и разберите патрон / PA-201P03 используя ключ (A) / PA-201P54.

Шаг 3: Обратный процедура - собрать все компоненты патрона.



Před instalací, provozem, údržbou či opravou si přečtěte pozorně tento návod.

Doporučení pro práci s nářadím

1. Používání tohoto nářadí v prostředí s možností výbuchu je striktně zakázáno.
2. Při práci s tímto nářadím pracujte vždy vestoje a stůjte na pevné ploše.
3. Vždy používejte toto nářadí v dobře větraném prostoru.
4. Uklouznutí, zakopnutí a pád jsou nejčastější příčinou úrazu. V pracovním prostoru proto vždy udržujte pořádek a před zahájením práce jej vždy uklidťte.

Požadavky na stlačený vzduch a připojení ke zdroji vzduchu

1. Maximální doporučený tlak vzduchu během provozu nesmí překročit 6.3 bar (90 psi). Vyšší tlak vzduchu může způsobit nebezpečné provozní podmínky pro nářadí a uživatele.
2. Stlačený vzduch by měl být zbaven vlhkosti pomocí sušičky a nečistot pomocí filtru instalovaného za výstup z kompresoru. Když je instalován pouze filtr, část vlhkosti stále kondenzuje v potrubním rozvodu nebo v hadici a při vstupu do nářadí způsobuje jeho poškození a snižuje životnost. V takovém případě vždy doporučujeme instalovat filtr co nejbližše nářadí.
3. Vždy používejte pouze kompresor s dostatečným výkonem zajišťující plynulou dodávku stlačeného vzduchu.
4. Přívodní hadici před použitím vyčistěte proudem vzduchu. Tím zabráníte vstupu jak vlhkosti, tak pevných nečistot do nářadí.



! Varování !

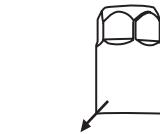
1. Toto nářadí může být používáno pouze jako vzduchové ruční nářadí. Je napájeno stlačeným vzduchem a není chráněno proti elektrickému napětí.
2. Toto nářadí je určeno výhradně pro nýtování kovových plechů. Jakékoli jiné použití, než je uvedeno je striktně zakázáno.
3. Vysoká hlučnost může způsobit požkození sluchu. Při práci s nářadím si vždy chraňte uši ochrannými prostředky.
4. Při používání ochrany obličeje a očí snižujete nebezpečí úrazu způsobeného vymrštěnými předměty z nářadí během provozu.
5. Uživatel musí nosit ochranný oděv. Při provozu nářadí je zakázáno nosit volné oblečení, volně rozpuštěné dlouhé vlasy, šle, pásky, popruhy či šperky.
6. Ujistěte se, že všechny parametry používaných nýtů jsou kompatibilní s nýtovacími kleštěmi.
7. Chraňte se před možným odlétáváním stonků nýtů během provozu.
8. Při provozu nářadí stůjte na pevném podkladu a mějte tělo ve stabilní poloze.
9. Při výměně nýtů vždy odpojte nýtovací kleště od zdroje stlačeného vzduchu.
10. Pokud dojde k výpadku dodávky vzduchu nebo v okamžiku připojování a odpojování hadice vždy uvolněte spoušť.
11. Dlouhodobé používání nářadí způsobuje únavu obsluhy. Pro uživatele vždy doporučujeme vykonávání bezpečnostních přestávek.
12. Doporučuje se přerušit provoz v případech kdy uživatel pocítí nepohodlí, brnění nebo bolest.
13. Před použitím nářadí se ujistěte, zda jsou pevně namontovány všechny spojky a šroubení. Vzduchové hadice, které jsou pod tlakem mohou při odpojení způsobit závažná zranění!

обслуживание:

1. Rozeberte a vyčistěte proudem vzduchu všechny části uvnitř předního krytu.
2. Výjměte píst z válce, vyčistěte jej a jak na válec, tak píst aplikujte olej pro pneumatické náradí.
3. Vše smontujte zpět
4. Při údržbě se orientujte podle rozpadu náhradních dílů.
5. Opakujte celý proces údržby pravidelně.
6. Jakmile již není nářadí použitelné, řidte se zákony týkajícími se likvidace odpadu.

Pokyny pro výběr správné čelisti # PA-201.

Montáž velké čelisti
PA-201P03, P04 & P05



Tělo velké čelisti



Montáž male čelisti
PA-201P03A, P04A & P05A

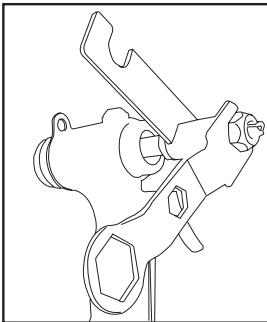
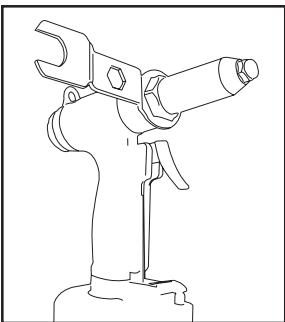


Tělo malé čelisti



Dvě různá těla lze od sebe snadno identifikovat odlišným vnitřním průměrem. Obě jsou dodávána společně s typem PA-201.

Aby se zabránilo zničení těla, je třeba dbát na správný rozměr nýtu a těla.



Použití:

1. Velké čelisti obsahují díly PA-201P03, P04 & P05.

Jsou použitelné pro nýty rozměrů 6.4mm, 6.0mm or 4.8mm.

2. Malé čelisti obsahují díly PA-201P3A, P4A & P5A.

Jsou použitelné pro nýty rozměrů 4.0mm, 3.2mm or 2.4mm.

Proces výměny čelistí:

Krok 1: použijte multi-klíč (B) / PA-201P55 k demontáži čelního víka / PA-201P02.

Krok 2: držte spojku těla čelisti / PA-201P07 pomocí multi-klíče (B) / PA-201P55 a demontujte tělo čelisti / PA-201P03 pomocí multi-klíče (A) / PA-201P54.

Krok 3: Složte všechny díly zpět

Poznámka: Pro identifikaci dílů použijte rozpad nahradních dílů dodávaný s nářadím.



进行安装、操作、维修或更换零件之前，请务必详读本使用手册

工作环境

1. 严格禁止在任何具有爆炸性气体的环境中使用本气动工具。
2. 当使用本气动工具时务必站立在坚实稳固的物体或位置上。
3. 使用本气动工具的场所，其通风条件必须十分良好。
4. 滑倒、绊倒和从高处跌落…等等状况乃操作气动工具时最容易发生的意外状况，因此在操作之前，务必先将工作场所清理干净。

风源及安装需求

1. 操作本气动工具的最大空气压力值不得超过90psi。高于此压力值时将可能对本气动工具或使用者带来危险。
2. 用于本气动工具的压缩空气必须经过冷却处理，在空压机出口端务必加装一只过滤器，以便过滤压缩空气中的水分。即便如此，仍会有少部分的水气凝结于空压管路当中，甚至渗进本气动工具的机械结构内部，造成本气动工具难以预期的损害。是故，压缩空气的管路在进入本气动工具之前的某适当位上，应予加装一只三点组合。
3. 使用者应根据各种不同气动工具的需求，选择不同规格的空气压缩机。
4. 开始操作本气动工具之前，应先将管路中的水气排除干净。如此，当可避免残留在压缩空气中的水分或灰尘进入本气动工具内部，将影响到本气动工具的正常性能，甚至造成损坏。



！注意事项！

- 1.本气动工具完全采用压缩空气来加以驱动,仅限以手动方式进行操作。因本气动工具并不具备绝缘效果,故,使用时应特别注意不可接近电源。
- 2.本气动工具乃专为铆合金属板而设计,除前述用途之外,其它各类的不当使用均必须严格禁止。
- 3.高分贝的噪音可能会使听力受损。故,当使用本气动工具时请务必戴上防护耳罩。
- 4.为防范铆钉身高速飞出而造成危险,操作本气动工具时请务必穿戴眼部/脸部护具。
- 5.使用者在使用本气动工具时,应绝对避免穿着宽松的衣服或配戴过长的腰带、珠宝、首饰…等物品;长头发亦必须包扎妥当。
- 6.使用本气动工具前,请务必确认所用铆钉的各项规格均与本气动工具相吻合。
- 7.使用本气动工具前,亦请务必确认集钉装置已正确安装于本气动工具上,且功能正常无虞。
- 8.操作时应站立在稳固坚实的物体或位置上,在身体平衡无虞的状况下才能操作本气动工具。
- 9.更换套筒或进行任何调机动作之前,请务必关闭空压风源,并将本气动工具与空压软管脱离。
- 10.当连接或脱离空压软管时,风源供应若产生问题,应立即释放扳机,以免造成危险。
- 11.长时间使用本气动工具将会造成使用者疲劳,为了使用者的安全着想,请务必实施周期性地休息。
- 12.使用者在操作中如遇任何不适、颤抖、或疼痛,请务必立即停机休息。
- 13.不当拆卸、连接空压软管,或非预期性的软管断裂都将造成空压软管的任意甩动,此类危险状况,操作之时宜特别注意。



维护与保养：

1. 保养本气动工具前请将前套管拆下，并以压缩空气清洁所有前套管内的零件。
2. 再将活塞组合拆下，清洁之后，再以气动油润滑活塞及汽缸壁。
3. 以相反程序将所有零件装配以复原本气动工具。
4. 保养本气动工具前，请务必参考零件爆炸图以确认保养程序。
5. 请定期、反复实施上列保养作业，以维持本气动工具之正常功能。
6. 如果本气动工具已然不堪使用，请务必遵照相关废弃物回收法令进行后续处置。

PA-201前套管选用说明

大尺寸拉钉前套管零件组合
PA-201P03, P04 & P05

小尺寸拉钉前套管零件组合
PA-201P03A, P04A & P05A



大尺寸前套管

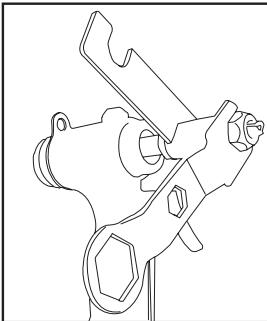
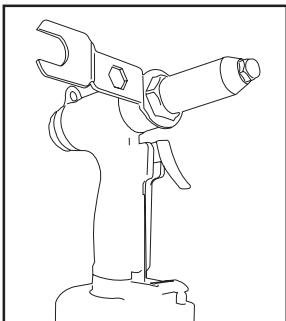


小尺寸前套管



说明：

1. 大小铆钉(拉钉)前套管依其孔径大小，可以目视方式轻易辨别，参考左图。
2. PA-201内附有大小两种铆钉(拉钉)前套管，为防止铆钉(拉钉)与前套管因选用不当、规格不符，而导致本拉钉机之性能无法发挥甚至影响其寿命，使用者务必根据不同的铆钉(拉钉)规格，选择适的前套管。
3. 大尺寸前套管完整组件包含PA-201P03、P04 & P05等3项零件。此前套管适用于6.4mm, 6.0mm or 4.8mm等三种规格的铆钉(拉钉)。
4. 小尺寸前套管完整组件包含PA-201P3A, P4A & P5A等3项零件。此前套管适用于4.0mm, 3.2mm or 2.4mm等三种规格的铆钉(拉钉)。



更换前套管的步骤：

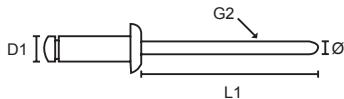
1. 以P55多功能扳手将#2前套管拆下。
2. 以P55多功能扳手先将#2前套管固定，再用另一支P54多功能扳手
将#1A入钉头拆下并更换。
3. 最后以P55多功能扳手将前套管锁回拉钉机。

更换爪片的方式：

1. 以#54多功能扳手固定#7后导管，以#55多功能扳手将#3前导管拆
下，然后取出两块#4爪片，#5扩张销及#6导管弹簧。
2. 将两块适当的#4爪片及#5扩张销放入#3中，再把#6导管弹簧套进
#7后导管，之后，将#3前导管整组锁上#7后导管。

MATERIAL			RIVET DIAMETER(ØMM)						
RIVET	RIVET	MANDREL	(2.5)	(3.0)	4.0	(5.0)	6.4	7.2	8.0
PA-111	aluminum	aluminum							
	aluminum	steel							
	steel	steel							
	stainless	steel							
	stainless	stainless							
PA-201	aluminum	aluminum							
	aluminum	steel							
	steel	steel							
	stainless	steel							
	stainless	stainless							
PA-201V	aluminum	aluminum							
	aluminum	steel							
	steel	steel							
	stainless	steel							
	stainless	stainless							
PA-211	aluminum	aluminum							
	aluminum	steel							
	steel	steel							
	stainless	steel							
	stainless	stainless							
PA-301	aluminum	aluminum							
	aluminum	steel							
	steel	steel							
	stainless	steel							
	stainless	stainless							
PA-301V	aluminum	aluminum							
	aluminum	steel							
	steel	steel							
	stainless	steel							
	stainless	stainless							
PA-211TS	aluminum	aluminum							
	aluminum	steel							
	steel	steel							
	stainless	steel							
	stainless	stainless							

MATERIAL			RIVET DIAMETER(ØMM)							
RIVET	RIVET	MANDREL	(2.5)	(3.0)	4.0	(5.0)	6.4	7.2	8.0	
PA-301MV	aluminum	aluminum								
	aluminum	steel								
	steel	steel								
	stainless	steel								
	stainless	stainless								
PA-321	aluminum	aluminum								
	aluminum	steel								
	steel	steel								
	stainless	steel								
	stainless	stainless								
PA-401V	aluminum	aluminum								
	aluminum	steel								
	steel	steel								
	stainless	steel								
	stainless	stainless								
PA-401MV	aluminum	aluminum								
	aluminum	steel								
	steel	steel								
	stainless	steel								
	stainless	stainless								



	Rivet (D1)	Mandrel (L1)	Rivet Dia. (Ø)
Blind Rivet	2.4mm	Above 27mm	1.42~1.51(G2)
	3.2mm	Above 28mm	1.83~1.92(G2)
	4.0mm	Above 29mm	2.28~2.42(G2)
	4.8mm	Above 30mm	2.64~2.91(G2)
	6.4mm	Above 30mm	3.84~4.15(G2)
PA-211TS	6.4mm	Above 40mm	3.84~4.15(G2)
	8.0mm	Above 40mm	4.35~4.65(G2)

Item No.	Traction Power lb-f	Stroke Length mm	Capacity mm	Air Pressure PSI	Avg. Air Consumption L/cycle	Net Weight LBS	Air Hose inch	Sound Pressure Power (EN 12053) dB(A)	Vibration level m/s ²
Illustrator	—	—	—	(i)	(h)	(b)	(d)	((o)))	((o)))
PA-111	4100	26	4.8-6.4	90	2.88	6.6	3.8"	82.0	0.8
PA-201	3534	14	2.4-6.4	90	2.32	3.90	3.8"	79.7	0.5
PA-201V	3534	14	2.4-6.4	90	2.32	3.93	3.8"	79.7	0.5
PA-211	3748	18	2.4-6.4	90	2.9	3.85	3.8"	79.7	0.8
PA-301	2303	16	2.4-4.8	90	1.48	3.3	3.8"	79.7	0.3
PA-301V	2303	16	2.4-4.8	90	1.48	3.3	3.8"	79.7	0.3
PA-301MV	2303	16	2.4-4.8	90	1.48	3.3	3.8"	79.7	0.3
PA-321	2612	22	2.4-4.8	90	1.48	3.3	3.8"	79.7	0.4
PA-401V	1532	16	2.4-4.0	90	0.67	2.75	3.8"	79.7	0.3
PA-401MV	1532	16	2.4-4.0	90	0.5	2.31	3.8"	79.7	0.3
PB-2402	3638	9	steel M4-M10 stainless M4-M8	90	1.5	3.41	3.8"	82.0	0.8
PA-211TS	3748	18	6.4-8.0	90	2.9	3.85	3.8"	79.7	0.8

Uncertainty K=0.5a if a≤5 m/s² or K=0.4a if a>5 m/s²

No.	Puissance de traction kg-f	Longueur de la course mm	Capacité mm	Pression bar	Cons. D'air moyenne L/cycle	Poids kg	Tuyau d'air mm	Niveau sonore dB(A)	Niveau de vibration m/s ²
	kg-f	mm					bar	L/cycle	kg
Illustrator	—	—	—	(i)	(h)	(b)	(d)	((o)))	((o)))
PA-111	1860	26	4.8-6.4	6.3	2.88	3.0	10	82.0	0.8
PA-201	1603	14	2.4-6.4	6.3	2.32	1.78	10	79.7	0.5
PA-201V	1603	14	2.4-6.4	6.3	2.32	1.78	10	79.7	0.5
PA-211	1700	18	2.4-6.4	6.3	2.9	1.75	10	79.7	0.8
PA-301	1045	16	2.4-4.8	6.3	1.48	1.5	10	79.7	0.3
PA-301V	1045	16	2.4-4.8	6.3	1.48	1.5	10	79.7	0.3
PA-301MV	1045	16	2.4-4.8	6.3	1.48	1.5	10	79.7	0.3
PA-321	1185	22	2.4-4.8	6.3	1.48	1.5	10	79.7	0.4
PA-401V	695	16	2.4-4.0	6.3	0.67	1.25	10	79.7	0.3
PA-401MV	695	16	2.4-4.0	6.3	0.5	1.05	10	79.7	0.3
PB-2402	1650	9	steel M4-M10 stainless M4-M8	6.3	1.5	1.55	10	82.0	0.8
PA-211TS	1700	18	6.4-8.0	6.3	2.9	1.75	10	79.7	0.8

Incertitude K=0.5a si a≤5m/s² ou K=0.4a si a>5m/s²

Artikel-Nr.	Zugkraft kg-f	Hublänge mm	Für Nietgröße mm	Arbeitsdruck bar	Luftverbrauch L/cycle	Nettogewicht kg	Empf. Luftschlauch 	Schalldruckpegel dBA	Vibrationsniveau m/s²
Illustrator	—	—	—	⌚	████	bag	████████	♪))	((O)))
PA-111	1860	26	4.8-6.4	6.3	2.88	3.0	10	82.0	0.8
PA-201	1603	14	2.4-6.4	6.3	2.32	1.80	10	79.7	0.5
PA-201V	1603	14	2.4-6.4	6.3	2.32	1.78	10	79.7	0.5
PA-211	1700	18	2.4-6.4	6.3	2.9	1.75	10	79.7	0.8
PA-301	1045	16	2.4-4.8	6.3	1.48	1.5	10	79.7	0.3
PA-301V	1045	16	2.4-4.8	6.3	1.48	1.5	10	79.7	0.3
PA-301MV	1045	16	2.4-4.8	6.3	1.48	1.5	10	79.7	0.3
PA-321	1185	22	2.4-4.8	6.3	1.48	1.5	10	79.7	0.4
PA-401V	695	16	2.4-4.0	6.3	0.67	1.25	10	79.7	0.3
PA-401MV	695	16	2.4-4.0	6.3	0.5	1.05	10	79.7	0.3
PB-2402	1650	9	steel M4-M10 stainless M4-M8	6.3	1.5	1.55	10	82.0	0.8
PA-211TS	1700	18	6.4-8.0	6.3	2.9	1.75	10	79.7	0.8

Unsicherheit K = 0.5a wenn ein≤5 m/s² oder K = 0.4a wenn a> 5 m / s²

Modelo	Potencia de Tracción kg-f	Longitud de Golpe mm	Capacidad de remache mm	Presión de Aire bar	Consumo de Aire Promedio L/cycle	Peso Neto kg	Manguera de Aire mm	Presión Sonora dBA	Nivel de vibración m/s²
Illustrator	—	—	—	⌚	████	bag	████████	♪))	((O)))
PA-111	1860	26	4.8-6.4	6.3	2.88	3.0	10	82.0	0.8
PA-201	1603	14	2.4-6.4	6.3	2.32	1.80	10	79.7	0.5
PA-201V	1603	14	2.4-6.4	6.3	2.32	1.78	10	79.7	0.5
PA-211	1700	18	2.4-6.4	6.3	2.9	1.75	10	79.7	0.8
PA-301	1045	16	2.4-4.8	6.3	1.48	1.5	10	79.7	0.3
PA-301V	1045	16	2.4-4.8	6.3	1.48	1.5	10	79.7	0.3
PA-301MV	1045	16	2.4-4.8	6.3	1.48	1.5	10	79.7	0.3
PA-321	1185	22	2.4-4.8	6.3	1.48	1.5	10	79.7	0.4
PA-401V	695	16	2.4-4.0	6.3	0.67	1.25	10	79.7	0.3
PA-401MV	695	16	2.4-4.0	6.3	0.5	1.05	10	79.7	0.3
PB-2402	1650	9	steel M4-M10 stainless M4-M8	6.3	1.5	1.55	10	82.0	0.8
PA-211TS	1700	18	6.4-8.0	6.3	2.9	1.75	10	79.7	0.8

variable K=0.5a si a≤5 m/s² ó K=0.4a si a>5 m/s²

Código	Força de tração kg-f	Comprimento do curso mm	Espessura dos rebites mm	Pressão de operação PSI	Consumo de Ar L/cycle	Peso kg	Diâmetro interno da mangueira inch	Nível de ruído dBA	Nível de vibração m/s²
Illustrator	—	—	—	(	(	(	(	(	((O)))
PA-111	1860	26	4.8a6.4	90	2.88	3.0	3.8"	82.0	0.8
PA-201	1603	14	2.4a6.4	90	2.32	1.80	3.8"	79.7	0.5
PA-201V	1603	14	2.4a6.4	90	2.32	1.78	3.8"	79.7	0.5
PA-211	1700	18	2.4a6.4	90	2.9	1.75	3.8"	79.7	0.8
PA-301	1045	16	2.4a4.8	90	1.48	1.5	3.8"	79.7	0.3
PA-301V	1045	16	2.4a4.8	90	1.48	1.5	3.8"	79.7	0.3
PA-301MV	1045	16	2.4a4.8	90	1.48	1.5	3.8"	79.7	0.3
PA-321	1185	22	2.4a4.8	90	1.48	1.5	3.8"	79.7	0.4
PA-401V	695	16	2.4a4.0	90	0.67	1.25	3.8"	79.7	0.3
PA-401MV	695	16	2.4a4.0	90	0.5	1.05	3.8"	79.7	0.3
PB-2402	1650	9	steel M4-M10 stainless M4-M8	90	1.5	1.55	3.8"	82.0	0.8
PA-211TS	1700	18	6.4a8.0	90	2.9	1.75	3.8"	79.7	0.8

Incerteza K=0.5a se a≤5 m/s² ou K=0.4a se a > 5 m/s²

Apt No.	Мощность kg-f	Жод mm	Возможность mm	Рабочее давление воздуха бар	Среднее потребл. воздуха L/min	Вес kg	Миним. Внешн. Диам. Шланга inch	Уровень шума dBA	"Уровень вibration" m/s²
Illustrator	—	—	—	(	(	(	(	(	((O)))
PA-111	1860	26	4.8-6.4	6.3	2.88	3.0	10	82.0	0.8
PA-201	1603	14	2.4-6.4	6.3	2.32	1.80	10	79.7	0.5
PA-201V	1603	14	2.4-6.4	6.3	2.32	1.78	10	79.7	0.5
PA-211	1700	18	2.4-6.4	6.3	2.9	1.75	10	79.7	0.8
PA-301	1045	16	2.4-4.8	6.3	1.48	1.5	10	79.7	0.3
PA-301V	1045	16	2.4-4.8	6.3	1.48	1.5	10	79.7	0.3
PA-301MV	1045	16	2.4-4.8	6.3	1.48	1.5	10	79.7	0.3
PA-321	1185	22	2.4-4.8	6.3	1.48	1.5	10	79.7	0.4
PA-401V	695	16	2.4-4.0	6.3	0.67	1.25	10	79.7	0.3
PA-401MV	695	16	2.4-4.0	6.3	0.5	1.05	10	79.7	0.3
PB-2402	1650	9	steel M4-M10 stainless M4-M8	6.3	1.5	1.55	10	82.0	0.8
PA-211TS	1700	18	6.4-8.0	6.3	2.9	1.75	10	79.7	0.8

Погрешность K=0.5a если a≤5 m/s² или K=0.4a если a>5 m/s²



EC DECLARATION OF CONFORMITY

Original Language

Serial Number: Please refer to the tool

Air Hydraulic Riveter

Item No.: PA-111 PA-211 PA-211TS PA-201 PA-201V PA-301 PA-301V PA-301MV
PA-321 PA-401V PA-401MV PB-2402

We declare under our own responsibility that the above machinery fulfils all the relevant provisions of (MD) Machinery Directive 2006/42/EC and its amendment and is manufactured and tested according to the following standards:

EN ISO 11148-1 / EN ISO 15744 / EN ISO 20643+A1

Declared in: Taichung, Taiwan

Dated:2013/06/01

Signature

Jonney Chen

Declared by: QA Manager



Manufacturer:

Mighty Seven International Co., Ltd.

No. 70-25,Ching Qunag Rd., Wu-Jih Shiang,
Taichung City, 41466 Taiwan
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EC-DECLARATION DE CONFORMITE

traduit de la langue originale

Numéro de série : se référer au numéro inscrit sur la machine

Riveteuse pneumatique

Référence: PA-111 PA-211 PA-211TS PA-201 PA-201V PA-301 PA-301V PA-301MV
PA-321 PA-401V PA-401MV PB-2402

Nous déclarons sous notre propre responsabilité que les outils sus mentionnés sont conformes aux provisions relative à la directive outillage 2006/42/EC et ses amendements

et qu'ils ont été fabriqués et testés selon les standards suivants :

EN ISO 11148-1 / EN ISO 15744 / EN ISO 20643+A1

Déclaré à: Taichung, Taiwan

Date: 2013/06/01

Signature

Jonney Chen

Declared by: QA Manager



Fabricant:

Mighty Seven International Co., Ltd.

No. 70-25, Ching Qunag Rd., Wu-Jih Shiang,
Taichung City, 41466 Taiwan
www.mighty-seven.com

Personne autorisée pour établir les fiches techniques:

King Tony France

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FRANCE
TEL : (+33) 5-49-30-30-90
E-MAIL : christian.aubineau@kingtony.eu



EG-Konformitätserklärung

Übersetzung aus der Original-Sprache

Seriennummer: bitte bei Frage immer angeben!

pneumatisch-hydraulisches Nietgerät

Artikel-Nr. PA-111 PA-211 PA-211TS PA-201 PA-201V PA-301 PA-301V PA-301MV

PA-321 PA-401V PA-401MV PB-2402

Wir erklären in eigener Verantwortung, dass folgendes Produkt alle einschlägigen Bestimmungen der Maschinen-Richtlinie 2006/42/EC erfüllt und deren

Änderungen, und dass es hergestellt wird und nach den folgenden Normen geprüft wird:

EN ISO 11148-1 / EN ISO 15744 / EN ISO 20643+A1

Erklärt in: Taichung, Taiwan

Datum: 2013/06/01

Unterschrift:

Jonney Chen

Erklärt von: QA Manager



Der Hersteller:

Mighty Seven International Co., Ltd.

No. 70-25, Ching Qunag Rd., Wu-Jih Shiang,

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Autorisierte Person, die zur Erstellung des technischen

Dossiers ist :

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DECLARACIÓN DE CONFORMIDAD DE EC

Traducción del lenguaje original

Número de serie: por favor ver la herramienta

Remachador Hidráulico Neumático

Modelo : PA-111 PA-211 PA-211TS PA-201 PA-201V PA-301 PA-301V PA-301MV
PA-321 PA-401V PA-401MV PB-2402

Declaramos bajo nuestra propia responsabilidad que la maquinaria arriba mencionada cumple con todas las provisiones relevantes de la Directiva de Maquinaria 2006/42/EC y sus enmiendas y ha sido fabricado y probado de acuerdo a los siguientes estándares:
EN ISO 11148-1 / EN ISO 15744 / EN ISO 20643+A1

Declarado en: Taichung, Taiwan

Fecha: 2013/06/01

Firma

Jonney Chen

Declarado por: Gerente de Control de Calidad



Fabricante:

Mighty Seven International Co., Ltd.

No. 70-25,Ching Qunag Rd., Wu-Jih Shiang,

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Contacto Autorizado, para recopilar los archivos técnicos :

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Declaração de Conformidade EC

tradução da língua original

número de série: por favor, procure-o na ferramenta

Rebitadeira hidro-pneumática

Código.: PA-111 PA-211 PA-211TS PA-211TS PA-201 PA-201V PA-301 PA-301V
PA-301MV PA-321 PA-401V PA-401MV PB-2402

Declaramos sob nossa responsabilidade que o equipamento acima cumpre todos os requisitos relevantes da Diretriz para Equipamentos 2006/42/EC e seus anexos, tendo

sido fabricado e testado de acordo com a(s) seguinte(s) normas:

EN ISO 11148-1 / EN ISO 15744 / EN ISO 20643+A1

Declarada em: Taichung, Taiwan

Datada de: 2013/06/01

Assinada por

Jonney Chen

Declarada pelo Gerente da Qualidade



Fabricante:

Mighty Seven International Co., Ltd.

No. 70-25,Ching Qunag Rd., Wu-Jih Shiang,
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Contato responsável pelas informações técnicas:

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Декларация соответствия стандарту ЕС

Перевод с языка оригинала

серийный номер: смотрите на инструменте

Пневмозаклепочник

Арт No.: PA-111 PA-211 PA-211TS PA-201 PA-201V PA-301 PA-301V PA-301MV
PA-321 PA-401V PA-401MV PB-2402

Мы удостоверяем, что данное оборудование соответствует следующим нормам качества 2006/42/EC и все технологические изменения конструкции и производства были подвергнуты испытаниям и сертифицированы по следующим стандартам качества:

EN ISO 11148-1 / EN ISO 15744 / EN ISO 20643+A1

Удостоверено в: Taichung, Taiwan

Дата: 2013/06/01

Подпись

Jonney Chen

Начальник службы технического контроля



Производитель

Mighty Seven International Co., Ltd.

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Официальный представитель, представляющий
техническую документацию

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PROHLÁŠENÍ O SHODĚ PRO EU

Typ výrobku: PA-111 PA-211 PA-211TS PA-211TS PA-201 PA-201V PA-301 PA-301V PA-301MV PA-321 PA-401V PA-401MV PB-2402 Nýtovacích kleští

Na svoji vlastní zodpovědnost prohlašujeme, že výše uvedené pneumatické nářadí splňuje všechny příslušné požadavky směrnic 2006/42/EC a jejich změn a že je toto nářadí vyráběno a testováno podle následujících standardů:

EN ISO 11148-1 / EN ISO 15744 / EN ISO 20643+A1

Prohlášeno v: Taichung, Taiwan

Dne: 2013/06/01



Jonney Chen

Jonney Chen

Deklarováno: QA Manager



Manufacturer:

Mighty Seven International Co., Ltd.

No. 70-25, Ching Qunag Rd., Wu-Jih

Shiang, Taichung City, 41466 Taiwan

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King Tony France

ANCIEN BATIMENT CAPLAIN 3 RUE DES IMPRIMEURS ZI

REPUBLIQUE NORD 86000 POITIERS FRANCE

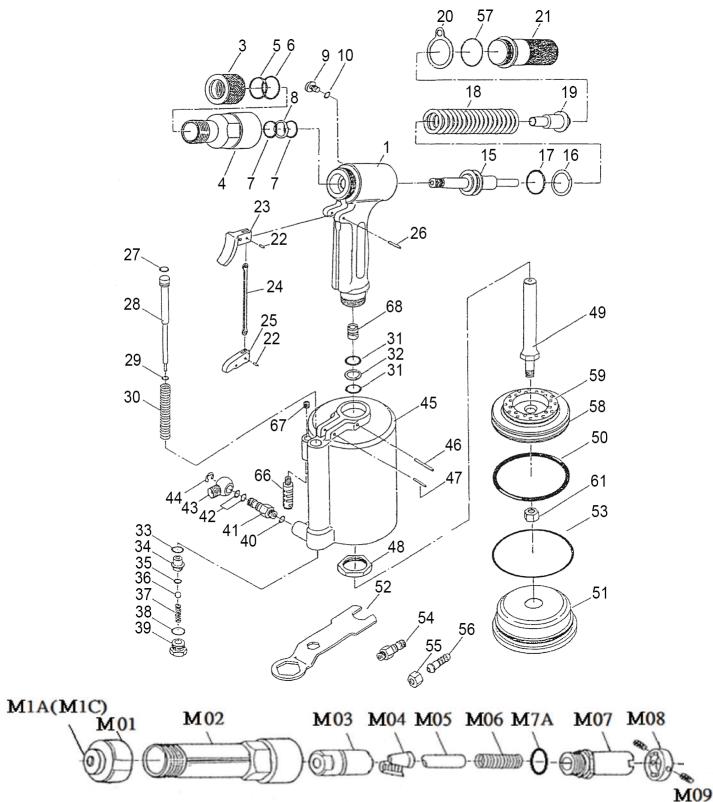
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Air Hydraulic Riveter

Item No : PA-111



Part List

Item No : PA-111



NO.	PART NO.	DESCRIPTION	Q'TY
01	PA-111T01	Handle(7(2),8,9,10,31(2),32,62,63,64}	1
03	PA-111P03	Nut-Retaining	1
04	PA-111P04	Adapter-Anvil	1
05	PA-111P05	Washer-Stop	1
06	PA-111P06	O-Ring	1
07	PA-111T07	O-Ring (2pcs)	1SET
08	PA-111P08	Backup Ring	1
09	PA-111P09	Bleed Plug	1
10	PA-111P10	O-Ring	1
15	PA-111P15	Pull Piston	1
16	PA-111P16	Backup Ring	1
17	PA-111P17	O-Ring	1
18	PA-111P18	Spring	1
19	PA-111P19	Guide Tube	1
20	PA-111P20	Hanger	1
21	PA-111P21	Rear Gland	1
22	PA-111T22	Pin (2pcs)	1SET
23	PA-111P23	Trigger	1
24	PA-111P24	Linkage	1
25	PA-111P25	Lever-Throttle	1
26	PA-111P26	Pin	1
27	PA-111P27	O-Ring	1
28	PA-111P28	Valve-Throttle	1
29	PA-111P29	O-Ring	1
30	PA-111P30	Spring	1
31	PA-111T31	O-Ring (2 pcs)	1SET
32	PA-111P32	Backup Ring	1
33	PA-111P33	O-Ring	1
34	PA-111P34	Sleeve	1
35	PA-111P35	O-Ring	1
36	PA-111P36	Ball	1

NO.	PART NO.	DESCRIPTION	Q'TY
37	PA-111P37	Spring	1
38	PA-111P38	O-Ring	1
39	PA-111P39	Plug	1
40	PA-111P40	O-Ring	1
41	PA-111P41	Nipple	1
42	PA-111T42	O-Ring (2 pcs)	1SET
43	PA-111P43	Connector	1
44	PA-111P44	Retaining Ring	1
45	PA-111P45	Cylinder	1
46	PA-111P46	Pin	1
47	PA-111P47	Pin	1
48	PA-111P48	Lock Nut	1
49	PA-111P49	Piston Rod	1
50	PA-111P50	O-Ring	1
51	PA-111P51	Cylinder Cap	1
52	PA-111P52	Wrench	1
53	PA-111P53	O-Ring	1
54	PA-111P54	Outer threat joint PM20	1
55	PA-111P55	Nut	1
56	PA-111P56	Hose Connector	1
57	PA-111P57	O-Ring	1
58	PA-111P58	Air Piston	1
59	PA-111P59	Bumper	1
60	PA-111P60	Safety Cap	1
61	PA-111P61	Nut	1
62	PA-111P62	Shockless Plug	1
63	PA-111P63	Ball	1
64	PA-111P64	Pin	1
66	PA-111P66	Silencer	1
67	PA-111P67	Plug	1
68	PA-111P68	Shock Absorber	1

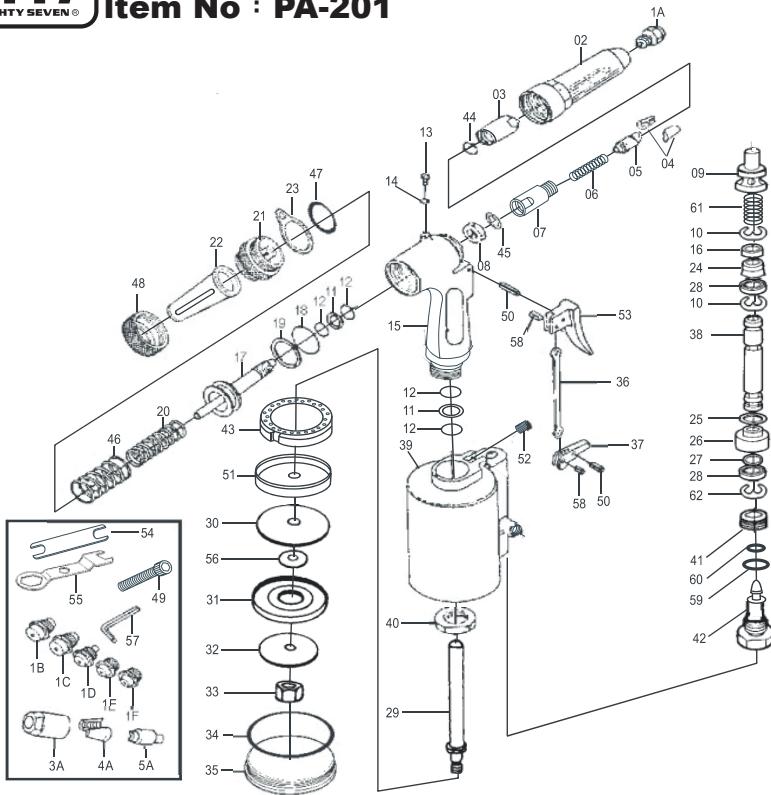
NO.	PART NO.	DESCRIPTION	Q'TY
M01	PA-111PM01	Nose Housing Head	1
M1A	PA-111PM1A	Nose Piece 6.4 m/m	1
M02	PA-111PM02	Nose Housing	1
M03	PA-111PM03	Jaws Cæ	1
M04	PA-111TM04	Jaws (2 pcs)	1SET
M05	PA-111PM05	Jaw Pusher	1

NO.	PART NO.	DESCRIPTION	Q'TY
M06	PA-111PM06	Jaw Case spring	1
M07	PA-111PM07	Jaw Case Back Part	1
M7A	PA-111PM7A	O-Ring	1
M08	PA-111PM08	Retainer Collar	1
M09	PA-111TM09	Lock Nut (2 pcs)	1SET



Air Hydraulic Riveter

Item No : PA-201



Part List

Item No : PA-201

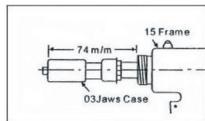


NO.	INDEX NO.	DESCRIPTION	Q'TY	NO.	INDEX NO.	DESCRIPTION	Q'TY
1A	PA-201P1A	Rivet Nose 6.4mm(1/4")	1	41	PA-201P41	Nipple	1
1B	PA-201P1B	Rivet Nose 6.0mm(7/32")	1	42	PA-201P42	Valve Plug	1
1C	PA-201P1C	Rivet Nose 4.8mm(3/16")	1	43	PA-201P43	Rubber Cushion	1
1D	PA-201P1D	Rivet Nose 4.0mm(5/32")	1	44	PA-201P44	O-Ring	1
1E	PA-201P1E	Rivet Nose 3.2mm(1/8")	1	45	PA-201P45	Washer	1
1F	PA-201P1F	Rivet Nose 2.4mm(3/32")	1	46	PA-201P46	Return Spring (Outer)	1
02	RA-201P02	Front Housing	1	47	PA-201P47	O-Ring	1
03	PA-201P03	Jaw Housing (3/16"-1/4")	1	48	PA-201P48	Lock Nut	1
3A	PA-201P3A	Jaw Housing (3/32"-5/32")	1	49	PA-201P49	Plug Bolt 3/8"	1
04	PA-201T04	Jaw (6x12) (3/16"-1/4") (2 pcs)	1 set	50	PA-201T50	Spring Pin (2 pcs)	1 set
4A	PA-201T14	Jaw (5x10) (3/32"-5/32") (2 pcs)	1 set	51	PA-201P51	Rubber Cushion Base	1
05	PA-201P05	Jaw Pusher (3/16"-1/4")	1	52	PA-201P52	Set Screw	1
5A	PA-201P5A	Jaw Pusher (3/32"-5/32")	1	53	PA-201P53	Trigger (Long)	1
06	PA-201P06	Jaw Case spring	1	54	PA-201P54	Muti-Wrench (A)	1
07	PA-201P07	Jaw Housing Coupler	1	55	PA-201P55	Muti-Wrench (B)	1
08	PA-201P08	Lock Nut	1	56	PA-201P56	Back Up Ring	1
09	PA-201P09	Throttle Pusher	1	57	PA-201T57	Hex Wrench (2 pcs)	1 set
10	PA-201T10	Lock Ring (2 pcs)	1 set	58	PA-201T58	Spring Pin (2 pcs)	1 set
11	PA-201T11	Back Up Ring (2 pcs)	1 set	59	PA-201P59	O-Ring	1
12	PA-201T12	O-Ring (4 pcs)	1 set	60	PA-201P60	Sealing Ring	1
13	PA-201P13	Hydraulic Oil Inlet Plug	1	61	PA-201P61	Spring	1
14	PA-201P14	Sealing Ring	1	62	PA-201P62	Lock Ring	1
15	PA-201P15	Plunger Housing	1				
16	PA-201P16	Collar	1				
17	PA-201P17	Hydraulic Plunger	1				
18	PA-201P18	O-Ring	1				
19	PA-201P19	Back-Up Ring	1				
20	PA-201P20	Return Spring (Inner)	1				
21	PA-201P21	Rear Gland	1				
22	PA-201P22	Collecting Tube	1				
23	PA-201P23	Hanger Ring	1				
24	PA-201P24	Sealing Ring	1				
25	PA-201P25	O-Ring	1				
26	PA-201P26	Valve Seat	1				
27	PA-201P27	O-Ring	1				
28	PA-201T28	Washer (2 pcs)	1 set				
29	PA-201P29	Piston Rod	1				
30	PA-201P30	Clamp Disc (Upper)	1				
31	PA-201P31	Air Piston	1				
32	PA-201P32	Clamp Disc (Lower)	1				
33	PA-201P33	Lock Nut	1				
34	PA-201P34	O-Ring	1				
35	PA-201P35	Cylinder Cap	1				
36	PA-201P36	Linkage	1				
37	PA-201P37	Rock Lever	1				
38	PA-201P38	Valve Stem	1				
39	PA-201P39	Air Cylinder	1				
40	PA-201P40	Lock Nut	1				



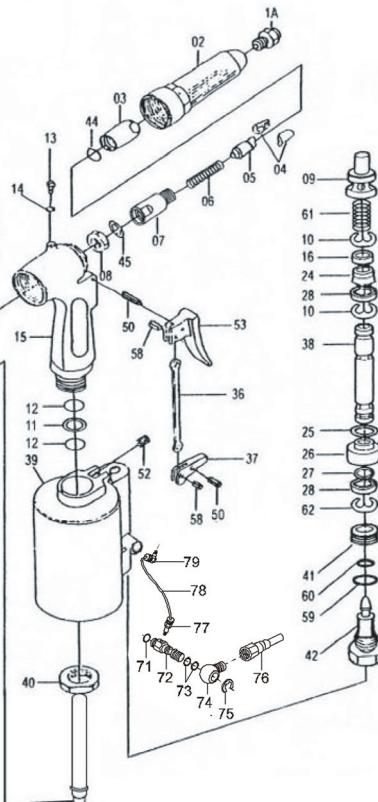
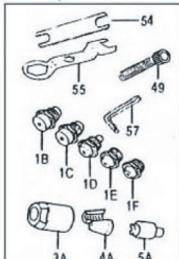
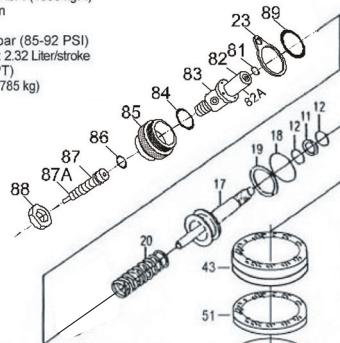
Air Hydraulic Riveter

Item No : PA-201V



SPECIFICATIONS:

Traction Power : 3534 lb.-f (1603 kg.-f)
 Stroke Length : 14mm
 Capacity : 6.4 mm
 Air Pressure : 6~6.5 bar (85-92 PSI)
 Avg. Air Consumption : 2.32 Liter/stroke
 Air Inlet : 1/4" PT (NPT)
 Weight : 3.935 LBS (1.785 kg)



Part List

Item No : PA-201V



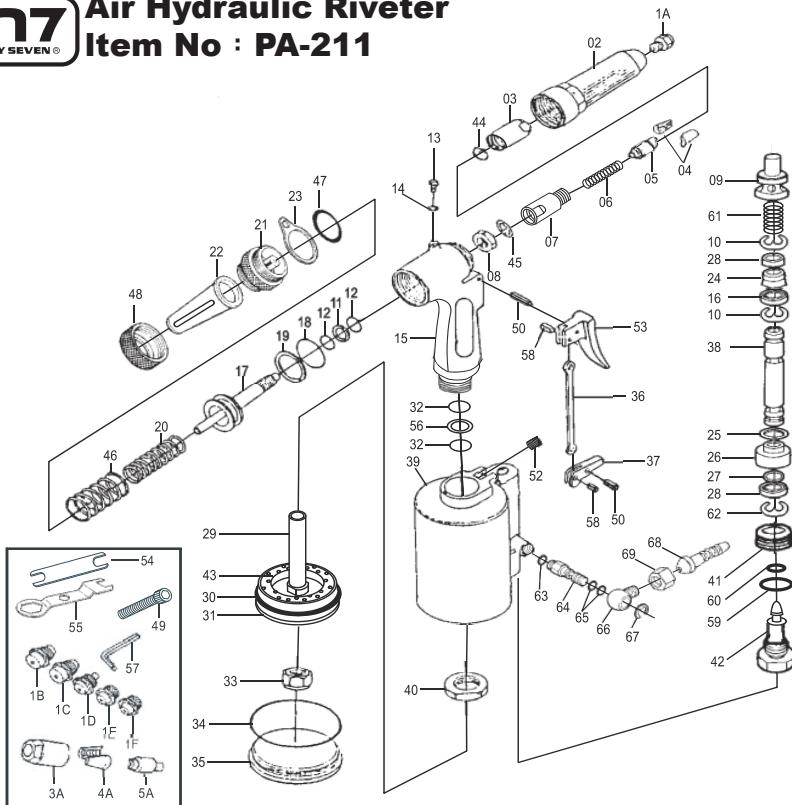
NO.	INDEX NO.	DESCRIPTION	Q'TY
1A	PA-201VP01A	Nose Piece 6.4m/m(1/14")	1
1B	PA-201VP01B	Nose Piece 6.0m/m	1
1C	PA-201VP01C	Nose Piece 4.8m/m(3/6")	1
1D	PA-201VP01D	Nose Piece 4.0m/m(5/32")	1
1E	PA-201VP01E	Nose Piece 3.2m/m(1/8")	1
1F	PA-201VP01F	Nose Piece 2.4m/m(3/32")	1
2	PA-201VP02	Nose Housing	1
3	PA-201VP03	Jaw Case (3/16"~1/4")	1
3A	PA-201VP03A	Jaw Case (3/32"~5/32")	1
4	PA-201VT04	Jaws (6x12)(3/16"~1/4") (2 pcs)	1SET
4A	PA-201VT04A	Jaws (5x10)(3/32"~5/32") (2 pcs)	1SET
5C	PA-201VP05C	Pusher Pipe (3/32"~3/16")	1
5D	PA-201VP05D	Pusher Pipe (3/16"~1/4")	1
6	PA-201VP06	Jaw Case spring	1
7	PA-201VP07	Jaw Case Back Part	1
8	PA-201VP08	Jaw Case Lock Nut	1
9	PA-201VP09	Valve Pusher	1
10	PA-201VT10	Lock Ring (2 pcs)	1SET
11	PA-201VT11	Back Up Ring (2 pcs)	1SET
12	PA-201VT12	O-Ring (4 pcs)	1SET
13	PA-201VP13	Air Blow Plug	1
14	PA-201VP14	Packing	1
15	PA-201VP15	Frame	1
16	PA-201VP16	Collar for Valve Tube	1
17	PA-201VP17	Oil Piston	1
18	PA-201VP18	O-Ring	1
19	PA-201VP19	Back Up Ring	1
20	PA-201VP20	Return Spring (Inner)	1
23	PA-201VP23	Hanger Clip	1
24	PA-201VP24	Air Valve Seal	1
25	PA-201VP25	O-Ring	1
26	PA-201VP26	Valve Seat	1
27	PA-201VP27	O-Ring	1
28	PA-201VT28	Ring Seal Washer (2 pcs)	1SET
29	PA-201VP29	Air Piston Rod	1
30	PA-201VP30	O-Ring	1
31	PA-201VP31	Air Piston	1
32	PA-201VT32	O-Ring (2 pcs)	1SET
33	PA-201VP33	Lock Nut	1
34	PA-201VP34	O-Ring	1
35	PA-201VP35	Cylinder Cap	1
36	PA-201VP36	Trigger Rod	1
37	PA-201VP37	Trigger Lever	1

NO.	INDEX NO.	DESCRIPTION	Q'TY
38	PA-201VP38	Valve Tube	1
39	PA-201VP39	Air Cylinder	1
40	PA-201VP40	Frame Lock Nut	1
41	PA-201VP41	Nipple Screw	1
42	PA-201VP42	End Plug	1
43	PA-201VP43	Rubber Cushion	1
44	PA-201VP44	Jaw Case O-Ring	1
45	PA-201VP45	Washer Ring	1
47	PA-201VP47	Frame Cap O-Ring	1
49	PA-201VP49	Bolt Plug 3/8"-24UNF	1
50	PA-201VT50	Pin (2 pcs)	1SET
51	PA-201VP51	Rubber Cushion Seat	1
52	PA-201VP52	Lock Screw	1
53	PA-201VP53	Trigger (Long)	1
54	PA-201VP54	Spanner 17 And 19	1
55	PA-201VP55	Spanner 14, 28, 19	1
56	PA-201VP56	Piston Washer Seat	1
57	PA-201VP57	Hex Wrench M6 And M8	1
58	PA-201VT58	Trigger Pin (2 pcs)	1SET
59	PA-201VP59	O-Ring	1
60	PA-201VP60	Seal	1
61	PA-201VP61	Pusher Spring	1
62	PA-201VP62	Lock Ring	1
71	PA-201VP71	O-Ring	1
72	PA-201VP72	Double Male Connector	1
73	PA-201VT73	O-Ring (2 pcs)	1SET
74	PA-201VP74	Hinged Rotary Joint	1
75	PA-201VP75	Lock Ring	1
76	PA-201VP76	Air Hose Joint 1/4	1
77	PA-201VP77	Pin Joint	1
78	PA-201VP78	PU Hose	1
79	PA-201VP79	90° Pin Joint	1
79A	PA-201VP79A	PE Washer	1
81	PA-201VP81	O-Ring	1
82A	PA-201VP82A	MCS Adaptor (3/16"~1/4")	1
83	PA-201VP83	MCS Body	1
84	PA-201VP84	O-Ring	1
85	PA-201VP85	MCS Cap	1
86	PA-201VP86	O-Ring	1
87A	PA-201VP87A	MCS Nozzle (3/16"~1/4")	1
88	PA-201VP88	Hexagonthin Nut	1
89	PA-201VP89	O-Ring 26.5 X 2.5(MCS)	1



Air Hydraulic Riveter

Item No : PA-211



Part List

Item No : PA-211



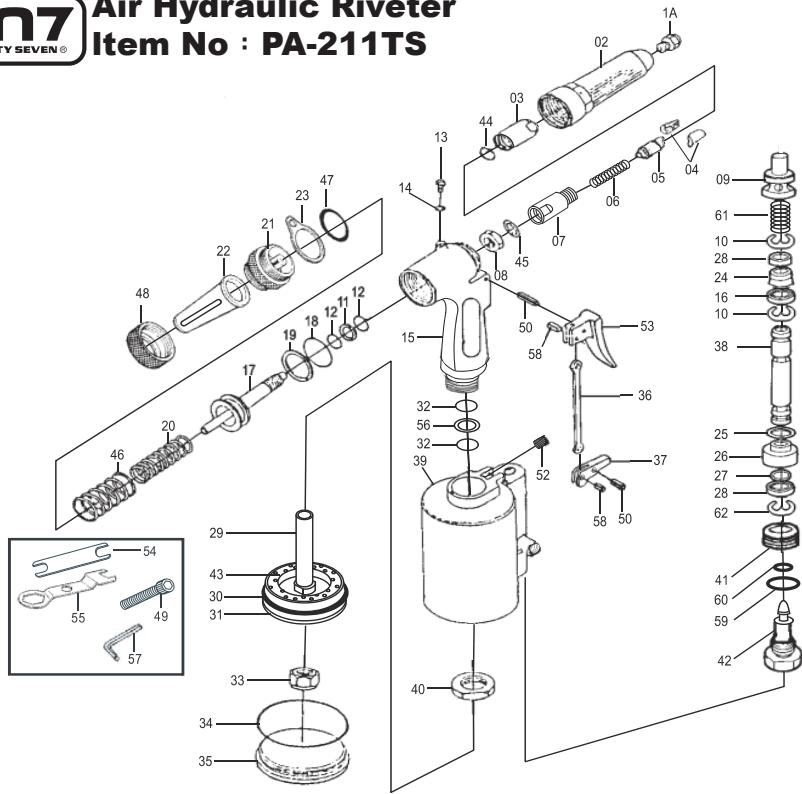
NO.	INDEX NO.	DESCRIPTION	Q'TY
1A	PA-211P01A	Nose Piece 6.4m/m(1/14")	1
1B	PA-211P01B	Nose Piece 6.0m/m	1
1C	PA-211P01C	Nose Piece 4.8m/m(3/6")	1
1D	PA-211P01D	Nose Piece 4.0m/m(5/32")	1
1E	PA-211P01E	Nose Piece 3.2m/m(1/8")	1
1F	PA-211P01F	Nose Piece 2.4m/m(3/32")	1
2	PA-211P02	Nose Housing 93L	1
3	PA-211P03	Jaw Case (3/16"~1/4")	1
3A	PA-211P03A	Jaw Case (3/32"~5/32")	1
4	PA-211T04	Jaws (6x12)(3/16"~1/4") (2 pcs)	1SET
4A	PA-211T04A	Jaws (5x10)(3/32"~5/32") (2 pcs)	1SET
5	PA-211P05	Jaw Pusher (3/16"~1/4")	1
5A	PA-211P05A	Jaw Pusher (3/32"~5/32")	1
6	PA-211P06	Jaw Case spring	1
7	PA-211P07	Jaw Case Back Part	1
8	PA-211P08	Jaw Case Lock Nut	1
9	PA-211P09	Valve Pusher	1
10	PA-211T10	Lock Ring (2 pcs)	1SET
11	PA-211P11	Back Up Ring	1
12	PA-211T12	O-Ring (2 pcs)	1SET
13	PA-211P13	Air Blow Plug	1
14	PA-211P14	Packing	1
15	PA-211P15	Frame	1
16	PA-211P16	Collar for Valve Tube	1
17	PA-211P17	Oil Piston	1
18	PA-211P18	O-Ring	1
19	PA-211P19	Back Up Ring	1
20	PA-211P20	Return Spring (Inner)	1
21	PA-211P21	Frame Cap	1
22	PA-211P22	Safety Cap	1
23	PA-211P23	Hanger Clip	1
24	PA-211P24	Air Valve Seal	1
25	PA-211P25	O-Ring	1
26	PA-211P26	Valve Seat	1
27	PA-211P27	O-Ring	1

NO.	INDEX NO.	DESCRIPTION	Q'TY
28	PA-211T28	Ring Seal Washer (2 pcs)	1SET
29	PA-211P29	Air Piston Rod	1
30	PA-211P30	O-Ring	1
31	PA-211P31	Air Piston	1
32	PA-211T32	O-Ring (2 pcs)	1SET
33	PA-211P33	Lock Nut	1
34	PA-211P34	O-Ring	1
35	PA-211P35	Cylinder Cap	1
36	PA-211P36	Trigger Rod	1
37	PA-211P37	Trigger Lever	1
38	PA-211P38	Valve Tube	1
39	PA-211P39	Air Cylinder	1
40	PA-211P40	Frame Lock Nut	1
41	PA-211P41	Nipple Screw	1
42	PA-211P42	End Plug	1
43	PA-211P43	Rubber Cushion	1
44	PA-211P44	Jaw Case O Ring	1
45	PA-211P45	Washer Ring	1
46	PA-211P46	Return Spring (Outer)	1
47	PA-211P47	Frame Cap O Ring	1
48	PA-211P48	Cap Nut	1
49	PA-211P49	Bolt Plug 3/8"-24UNF	1
50	PA-211T50	Pin (2 pcs)	1SET
52	PA-211P51	Lock Screw	1
53	PA-211P53	Trigger (Long)	1
54	PA-211P54	Spanner 17 And 19	1
55	PA-211P55	Spanner	1
56	PA-211P56	Back Up Ring	1
57	PA-211P57	Hex Wrench M5 And M8	1
58	PA-211T58	Trigger Pin (2 pcs)	1SET
59	PA-211P59	O-Ring	1
60	PA-211P60	Seal	1
61	PA-211P61	Pusher Spring	1
62	PA-211P62	Lock Ring	1



Air Hydraulic Riveter

Item No : PA-211TS



Part List

Item No : PA-211TS

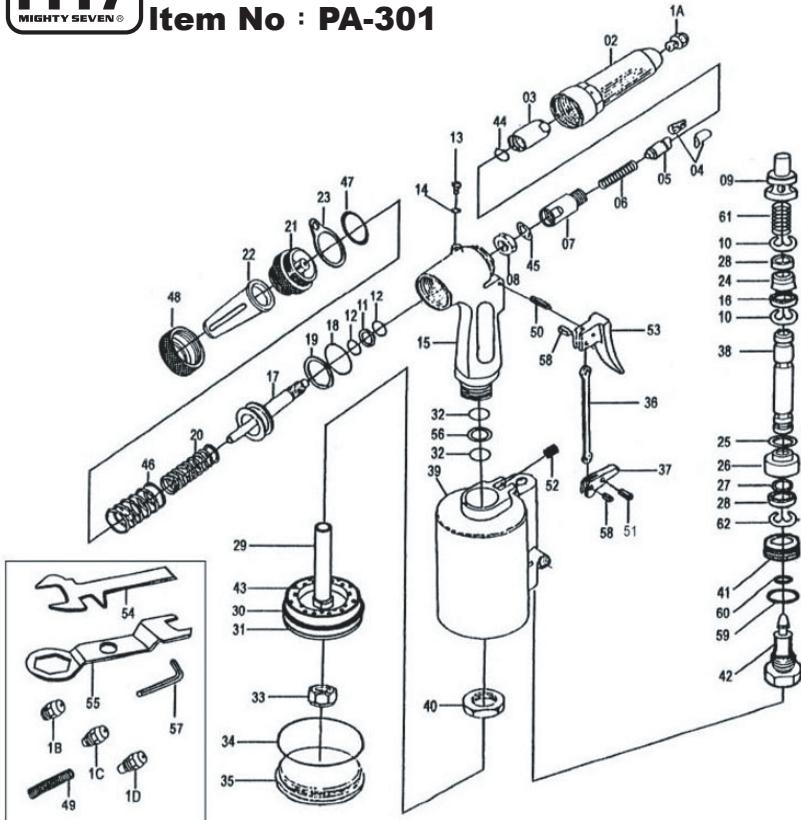


NO.	INDEX NO.	DESCRIPTION	Q'TY	NO.	INDEX NO.	DESCRIPTION	Q'TY
1	PA-211TSTS01	Nose Piece Head	1	28	PA-211TST28	Ring Seal Washer (2 pcs)	1SET
1A	PA-211TSTS1A	Nose Piece 8x15L(105)	1	29	PA-211TSP29	Air Piston Rod	1
2	PA-211TSP02	Nose Housing 93L	1	30	PA-211TSP30	O-Ring	1
3	PA-211TSP03	Jaw Case (3/16"~1/4")	1	31	PA-211TSP31	Air Piston	1
4	PA-211TST04	Jaws (6x12)(3/16"~1/4") (2 pcs)	1SET	32	PA-211TST32	O-Ring (2 pcs)	1SET
5	PA-211TSP05	Jaw Pusher (3/16"~1/4")	1	33	PA-211TSP33	Lock Nut	1
6	PA-211TSP06	Jaw Case spring	1	34	PA-211TSP34	O-Ring	1
7	PA-211TSP07	Jaw Case Back Part	1	35	PA-211TSP35	Cylinder Cap	1
8	PA-211TSP08	Jaw Case Lock Nut	1	36	PA-211TSP36	Trigger Rod	1
9	PA-211TSP09	Valve Pusher	1	37	PA-211TSP37	Trigger Lever	1
10	PA-211TST10	Lock Ring (2 pcs)	1SET	38	PA-211TSP38	Valve Tube	1
11	PA-211TSP11	Back Up Ring	1	39	PA-211TSP39	Air Cylinder	1
12	PA-211TST12	O-Ring (2 pcs)	1SET	40	PA-211TSP40	Frame Lock Nut	1
13	PA-211TSP13	Air Blow Plug	1	41	PA-211TSP41	Nipple Screw	1
14	PA-211TSP14	Packing	1	42	PA-211TSP42	End Plug	1
15	PA-211TSP15	Frame	1	43	PA-211TSP43	Rubber Cushion	1
16	PA-211TSP16	Collar for Valve Tube	1	44	PA-211TSP44	Jaw Case O Ring	1
17	PA-211TSP17	Oil Piston	1	45	PA-211TSP45	Washer Ring	1
18	PA-211TSP18	O-Ring	1	46	PA-211TSP46	Return Spring (Outer)	1
19	PA-211TSP19	Back Up Ring	1	47	PA-211TSP47	Frame Cap O Ring	1
20	PA-211TSP20	Return Spring (Inner)	1	48	PA-211TSP48	Cap Nut	1
21	PA-211TSP21	Frame Cap	1	49	PA-211TSP49	Bolt Plug 3/8"-24UNF	1
22	PA-211TSP22	Safety Cap	1	50	PA-211TST50	Pin (2 pcs)	1SET
23	PA-211TSP23	Hanger Clip	1	52	PA-211TSP51	Lock Screw	1
24	PA-211TSP24	Air Valve Seal	1	53	PA-211TSP53	Trigger (Long)	1
25	PA-211TSP25	O-Ring	1	54	PA-211TSP54	Spanner 17 And 19	1
26	PA-211TSP26	Valve Seat	1	55	PA-211TSP55	Spanner	1
27	PA-211TSP27	O-Ring	1	56	PA-211TSP56	Back Up Ring	1
				57	PA-211TSP57	Hex Wrench M5 And M8	1
				58	PA-211TST58	Trigger Pin (2 pcs)	1SET
				59	PA-211TSP59	O-Ring	1
				60	PA-211TSP60	Seal	1
				61	PA-211TSP61	Pusher Spring	1
				62	PA-211TSP62	Lock Ring	1



Air Hydraulic Riveter

Item No : PA-301



Part List

Item No : PA-301



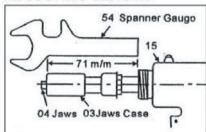
NO.	INDEX NO.	DESCRIPTION	Q'TY	NO.	INDEX NO.	DESCRIPTION	Q'TY
1A	PA-301P1A	Rivet Nose 4.8mm(3/16")	1	46	PA-301P46	Return Spring (Big)	
1B	PA-301P1B	Rivet Nose 4.0mm(5/32")	1	47	PA-301P47	Gland Ring	1
1C	PA-301P1C	Rivet Nose 3.2mm(1/8")	1	48	PA-301P48	Lock Nut	1
1D	PA-301P1D	Rivet Nose 2.4mm(3/32")	1	49	PA-301P49	Bolt Plug	1
02	PA-301P02	Front Housing	1	50	PA-301P50	Pin	1
03	PA-301P03	Jaw Housing	1	51	PA-301P51	Spring Pin	1
04	PA-301T04	Jaw (2 pcs)	1 set	52	PA-301P52	Lock Screw	1
05	PA-301P05	Jaw Pusher	1	53	PA-301P53	Trigger (Long)	1
06	PA-301P06	Spring	1	54	PA-301P54	Muti-Wrench (A)	1
07	PA-301P07	Jaw Housing Coupler	1	55	PA-301P55	Muti-Wrench (B)	1
08	PA-301P08	Lock Nut	1	56	PA-301P56	Back Up Ring	1
09	PA-301P09	Throttle	1	57	PA-301P57	Hex Wrench	1
10	PA-301T10	Lock Ring (2 pcs)	1 set	58	PA-301T58	Spring Pin (2 pcs)	1 set
11	PA-301P11	Back up Ring	1	59	PA-301P59	O-Ring	1
12	PA-301T12	O-Ring (2 pcs)	1 set	60	PA-301P60	Seal	1
13	PA-301P13	Hydraulic Oil Inlet Plug	1	61	PA-301P61	Spring	1
14	PA-301P14	Sealing Ring	1	62	PA-301P62	Lock Ring	1
15	PA-301P15	Plunger Housing	1				
16	PA-301P16	Collar	1				
17	PA-301P17	Hydraulic Plunger	1				
18	PA-301P18	O-Ring	1				
19	PA-301P19	Back-Up Ring	1				
20	PA-301P20	Return Spring (Small)	1				
21	PA-301P21	Rear Gland	1				
22	PA-301P22	Collecting Tube	1				
23	PA-301P23	Hanger Ring	1				
24	PA-301P24	Seal	1				
25	PA-301P25	O-Ring	1				
26	PA-301P26	Valve Seat	1				
27	PA-301P27	O-Ring	1				
28	PA-301T28	Collar Washer (2 pcs)	1 set				
29	PA-301P29	Piston Rod	1				
30	PA-301P30	O-Ring	1				
31	PA-301P31	Air Piston	1				
32	PA-301T32	O-Ring (2 pcs)	1 set				
33	PA-301P33	Lock Nut	1				
34	PA-301P34	O Ring	1				
35	PA-301P35	Cylinder Cap	1				
36	PA-301P36	Linkage	1				
37	PA-301P37	Rocker Lever	1				
38	PA-301P38	Valve Stem	1				
39	PA-301P39	Air Cylinder	1				
40	PA-301P40	Lock Nut	1				
41	PA-301P41	Nipple Screw	1				
42	PA-301P42	Valve Plug	1				
43	PA-301P43	Rubber Cushion	1				
44	PA-301P44	O-Ring	1				
45	PA-301P45	Washer	1				



Air Hydraulic Riveter

Item No : PA-301V

ADJUSTING LENGTH



SPECIFICATIONS:

Traction Power : 2303 lb.-f (1045 kg.-f)

Stroke Length : 16mm

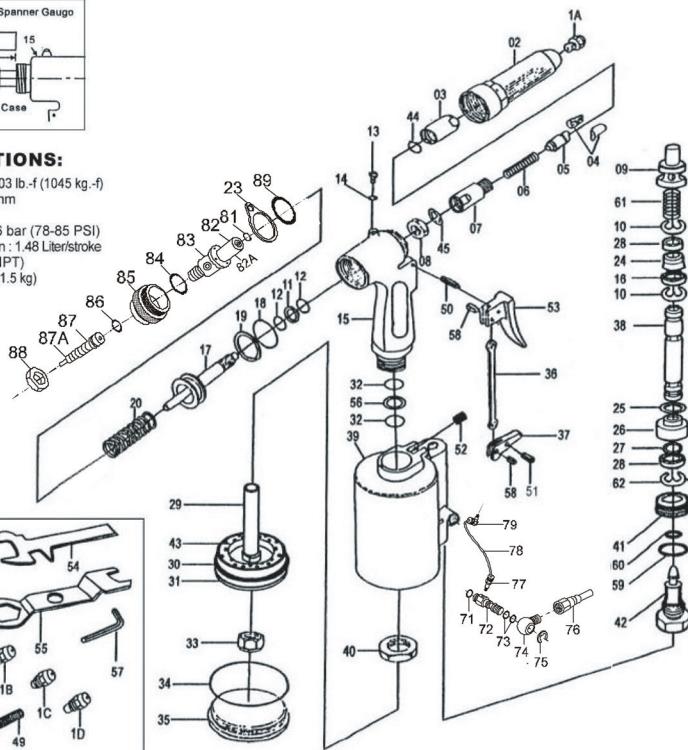
Capacity : 4.8 mm

Air Pressure : 5.5~6 bar (78-85 PSI)

Avg. Air Consumption : 1.48 Liter/stroke

Air Inlet : 1/4" PT (NPT)

Weight : 3.307 LBS (1.5 kg)



Part List

Item No : PA-301V



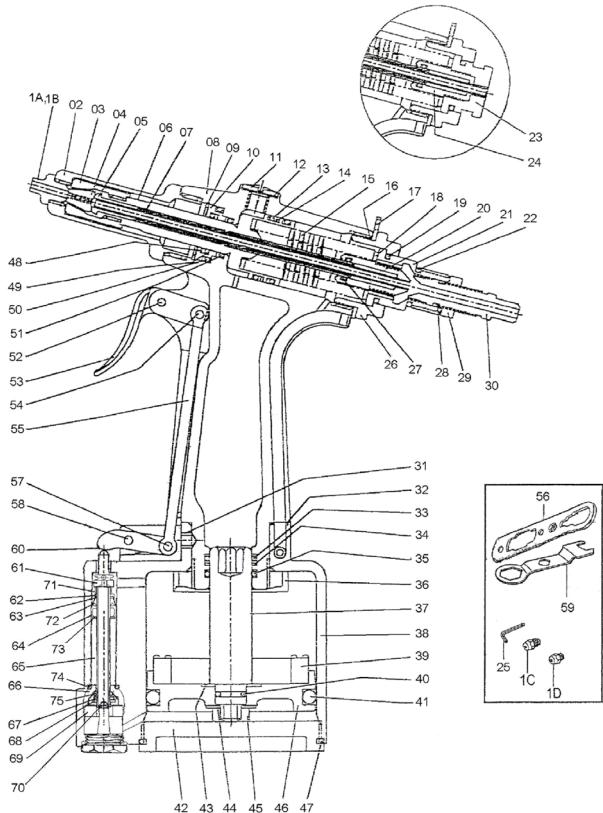
NO.	INDEX NO.	DESCRIPTION	Q'TY
1A	PA-301VP01A	Nose Piece 4.8m/m(3/16")	1
1B	PA-301VP01B	Nose Piece 4.0m/m(5/32")	1
1C	PA-301VP01C	Nose Piece 3.2m/m(1/8")	1
1D	PA-301VP01D	Nose Piece 2.4m/m(3/32")	1
02	PA-301VP02	Nose Housing 87L	1
03	PA-301VP03	Jaws Case	1
04	PA-301VT04	Jaws (5 x 10) (2 pcs)	1SET
05C	PA-301VP05C	Pusher Pipe (3/32"~3/16")	1
06	PA-301VP06	Jaw Case Spring	1
07	PA-301VP07	Jaw Case Back Part	1
08	PA-301VP08	Jaw Case Lock Nut	1
09	PA-301VP09	Valve Pusher	1
10	PA-301VT10	Lock Ring (2 pcs)	1SET
11	PA-301VP11	Back Up Ring	1
12	PA-301VT12	O-Ring (2 pcs)	1SET
13	PA-301VP13	Air Blow Plug	1
14	PA-301VP14	Packing Seal	1
15	PA-301VP15	Frame Cap	1
16	PA-301VP16	Collar for Valve Tube	1
17	PA-301VP17	Oil Piston	1
18	PA-301VP18	O-Ring	1
19	PA-301VP19	Back Up Ring	1
20	PA-301VP20	Return Spring (Inner)	1
23	PA-301VP23	Hanger Clip	1
24	PA-301VP24	Air Valve Seat	1
25	PA-301VP25	O-Ring	1
26	PA-301VP26	Valve Seat	1
27	PA-301VP27	O-Ring	1
28	PA-301VT28	Valve Collar Washer (2 pcs)	1SET
29	PA-301VP29	Air Piston Rod	1
30	PA-301VP30	O-Ring	1
31	PA-301VP31	Air Piston	1
32	PA-301VT32	O-Ring (2 pcs)	1 SET
33	PA-301VP33	Lock Nut	1
34	PA-301VP34	O-Ring	1
35	PA-301VP35	Cylinder Cap	1
36	PA-301VP36	Trigger Rod	1
37	PA-301VP37	Trigger Lever	1

NO.	INDEX NO.	DESCRIPTION	Q'TY
38	PA-301VP38	Valve Tube	1
39	PA-301VP39	Air Cylinder	1
40	PA-301VP40	Frame Lock Nut	1
41	PA-301VP41	Nipple Screw	1
42	PA-301VP42	End Plug	1
43	PA-301VP43	Bumper	1
44	PA-301VP44	Jaw Case O Ring	1
45	PA-301VP45	Lock Washer (Aw)	1
47	PA-301VP47	Frame Cap Ring	1
49	PA-301VP49	Bolt Plug	1
50	PA-301VP50	Spring Pin	1
52	PA-301VP52	Lock Screw	1
53	PA-301VP53	Trigger (Long)	1
54	PA-301VP54	Spanner Gauge 17 , 15 , 71	1
55	PA-301VP55	Spanner 24, 15, 10	1
56	PA-301VP56	Back Up Ring	1
57	PA-301VT57	Hex Wrench (2 pcs)	1SET
58	PA-301VP58	Trigger Pin	1
59	PA-301VP59	O-Ring	1
60	PA-301VP60	Seal	1
61	PA-301VP61	Pusher Spring	1
62	PA-301VP62	Lock Ring	1
71	PA-301VP71	O-Ring	1
72	PA-301VP72	Double Male Connector	1
73	PA-301VT73	O-Ring (2 pcs)	1SET
74	PA-301VP74	Hinged Rotary Joint	1
75	PA-301VP75	Lock Ring	1
76	PA-301VP76	Air Hose Joint 1/4	1
77	PA-301VP77	Pin Joint	1
78	PA-301VP78	PU Hose	1
79	PA-301VP79	90° Pin Joint	1
79A	PA-301VP79A	PE Washer	1
81	PA-301VP81	O-Ring	1
82	PA-301VP82	MCS Adaptor (3/32"~3/16")	1
83	PA-301VP83	MCS Body	1
84	PA-301VP84	O-Ring	1
85	PA-301VP85	MCS Cap	1
86	PA-301VP86	O-Ring	1
87	PA-301VP87	MCS Nozzle (3/32"~3/16")	1
88	PA-301VP88	Hexagonithin Nut	1
89	PA-301VP89	O-Ring 26.5 X 2.5(MCS)	1



Air Hydraulic Riveter

Item No : PA-301MV



Part List

Item No : PA-301MV



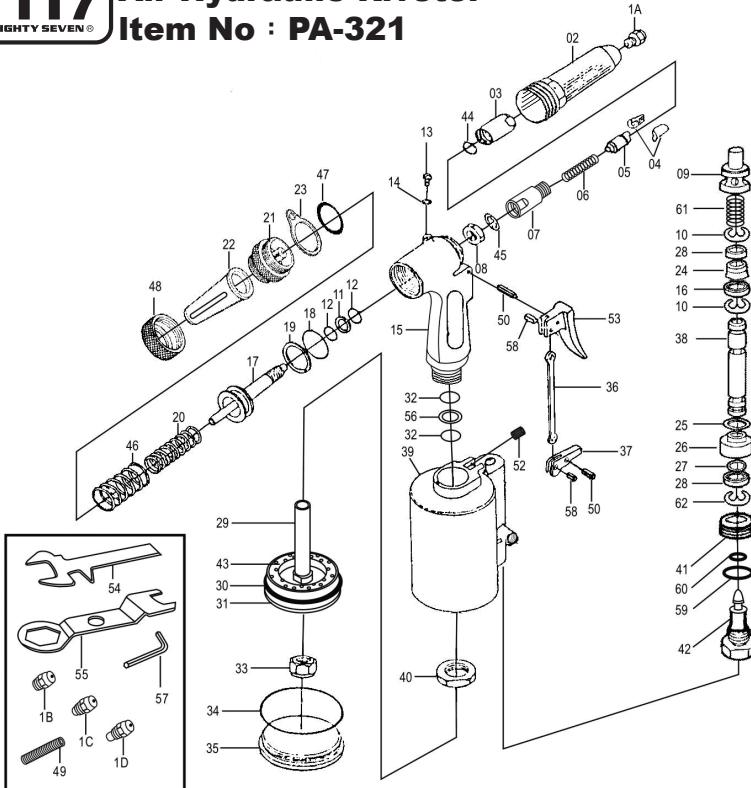
NO.	INDEX NO.	DESCRIPTION	Q'TY
1A	PA-301MVP01A	NOSE PIECE 4.8	1
1B	PA-301MVP01B	NOSE PIECE 4.0	1
1C	PA-301MVP01C	NOSE PIECE 3.2	1
1D	PA-301MVP01D	NOSE PIECE 2.4	1
02	PA-301MVP02	FRAME HEAD	1
03	PA-301MVP03	JAW CASE	1
04	PA-301MVT04	JAWS (2 pcs)	1set
05	PA-301MVP05	JAW PUSHER	1
		STEEL PIPE 3.4X4.0	
06	PA-301MVP06	OIL PISTON	1
07	PA-301MVP07	JAW PUSHER SPRING	1
08	PA-301MVP08	FRAME	1
09	PA-301MVP09	R-RING	1
10	PA-301MVP10	GRAND WASHER	1
11	PA-301MVP11	AIR BLOW PLUG	1
12	PA-301MVP12	PACKING SEAL	1
13	PA-301MVT13	O-RING(2 pcs)	1set
14	PA-301MVP14	B-RING	1
15	PA-301MVP15	RETURN SPRING	1
16	PA-301MVP16	O-RING	1
17	PA-301MVP17	HANGER CLIP	1
18	PA-301MVP18	LOCK RING	1
19	PA-301MVP19	O-RING	1
20	PA-301MVP20	MCS ADAPTOR	1
21	PA-301MVP21	MCS CAP	1
22	PA-301MVP22	O-RING	1
23	PA-301MVP23	ME CAP	1
24	PA-301MVP24	ME ADAPTOR	1
25	PA-301MVP25	HEX WRENCH	1
26	PA-301MVP26	FRAME CAP	1
27	PA-301MVP27	O-RING	1
28	PA-301MVP28	O-RING	1
29	PA-301MVP29	NUT M10X5t	1
30	PA-301MVP30	MCS ZOOM CONTROLLER	1
31	PA-301MVP31	FIXED NUT M6X5	1
32	PA-301MVP32	O-RING	1
33	PA-301MVP33	O-RING	1
34	PA-301MVP34	B-RING	1
35	PA-301MVP35	O-RING	1
36	PA-301MVP36	LOCK NUT	1

NO.	INDEX NO.	DESCRIPTION	Q'TY
37	PA-301MVP37	AIR PISTON ROD	1
38	PA-301MVP38	AIR CYLINDER	1
39	PA-301MVP39	RUBBER CUSHION	1
40	PA-301MVP40	O-RING	1
41	PA-301MVP41	O-RING	1
42	PA-301MVP42	AIR CYLINDER CAP	1
43	PA-301MVP43	WASHER 12X30X1.0t	1
44	PA-301MVP44	WASHER DB8	1
45	PA-301MVP45	LOCK NUT M8X5t	1
46	PA-301MVP46	AIR PISTON	1
47	PA-301MVP47	O-RING	1
48	PA-301MVP48	O-RING	1
49	PA-301MVP49	B-RING	1
50	PA-301MVP50	O-RING	1
51	PA-301MVP51	PENTAGON SEAL	1
52	PA-301MVP52	PIN 3X20	1
53	PA-301MVP53	TRIGGER	1
54	PA-301MVP54	PIN 3X8	1
55	PA-301MVP55	TRIGGER ROD	1
56	PA-301MVP56	SPANNER GAUGE	1
57	PA-301MVP57	PIN 3X8	1
58	PA-301MVP58	PIN 3X14	1
59	PA-301MVP59	SPANNER	1
60	PA-301MVP60	TRIGGER LEVER	1
61	PA-301MVP61	VALVE PUSHER	1
62	PA-301MVP62	LOCK RING	1
63	PA-301MVP63	VALVE COLLAR WASHER	1
64	PA-301MVP64	COLLAR FOR VALVE TUBE	1
65	PA-301MVP65	VALVE TUBE	1
66	PA-301MVP66	VALVE SEAT	1
67	PA-301MVP67	WASHER	1
68	PA-301MVP68	LOCK RING	1
69	PA-301MVP69	NIPPLE SCREW	1
70	PA-301MVP70	TUBE SEAL	1
71	PA-301MVP71	PUSHER SPRING	1
72	PA-301MVP72	AIR VALVE SEAL	1
73	PA-301MVP73	LOCK RING	1
74	PA-301MVP74	O-RING	1
75	PA-301MVP75	O-RING	1



Air Hydraulic Riveter

Item No : PA-321



Part List

Item No : PA-321



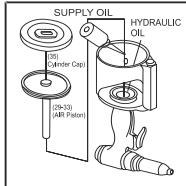
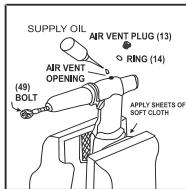
NO.	INDEX NO.	DESCRIPTION	Q'TY
1A	PA-321P01A	Nose Piece 4.8m/m(3/16")	1
1B	PA-321P01B	Nose Piece 4.0m/m(5/32")	1
1C	PA-321P01C	Nose Piece 3.2m/m(1/8")	1
1D	PA-321P01D	Nose Piece 2.4m/m(3/32")	1
02	PA-321P02	Nose Housing 88L	1
03	PA-321P03	Jaws Case	1
04	PA-321T04	Jaws (5 x 10 SS) (2 pcs)	1set
05	PA-321P05	Jaw Pusher	1
06	PA-321P06	Jaw Case Spring	1
07	PA-321P07	Jaw Case Back Part	1
08	PA-321P08	Jaw Case Lock Nut	1
09	PA-321P09	Valve Pusher	1
10	PA-321T10	Lock Ring (2 pcs)	1set
11	PA-321P11	Back Up Ring	1
12	PA-321T12	O-Ring (2 pcs)	1set
13	PA-321P13	Air Blow Plug	1
14	PA-321P14	Packing Seal	1
15	PA-321P15	Frame	1
16	PA-321P16	Collar for Valve Tube	1
17	PA-321P17	Oil Piston	1
18	PA-321P18	O-Ring	1
19	PA-321P19	Back Up Ring	1
20	PA-321P20	Return Spring (Inner)	1
21	PA-321P21	Frame Cap	1
22	PA-321P22	Safety Cap	1
23	PA-321P23	Hanger Clip	1
24	PA-321P24	Air Valve Seat	1
25	PA-321P25	O-Ring	1
26	PA-321P26	Valve Seat	1
27	PA-321P27	O-Ring	1
28	PA-321T28	Valve Collar Washer (2 pcs)	1set
29	PA-321P29	Air Piston Rod	1
30	PA-321P30	O-Ring	1
31	PA-321P31	Air Piston	1

NO.	INDEX NO.	DESCRIPTION	Q'TY
32	PA-321T32	O-Ring	1set
33	PA-321P33	Lock Nut	1
34	PA-321P34	O-Ring	1
35	PA-321P35	Cylinder Cap	1
36	PA-321P36	Trigger Rod	1
37	PA-321P37	Trigger Lever	1
38	PA-321P38	Valve Tube	1
39	PA-321P39	Air Cylinder	1
40	PA-321P40	Frame Lock Nut	1
41	PA-321P41	Nipple Screw	1
42	PA-321P42	End Plug	1
43	PA-321P43	Bumper	1
44	PA-321P44	Jaw Case O Ring	1
45	PA-321P45	Lock Washer (Aw)	1
46	PA-321P46	Return Spring (Outer)	1
47	PA-321P47	Frame Cap Ring	1
48	PA-321P48	Safety Cap Nut	1
49	PA-321P49	Bolt Plug	1
50	PA-321T50	Spring Pin (2 pcs)	1set
52	PA-321P52	Lock Screw	1
53	PA-321P53	Trigger	1
54	PA-321P54	Spanner Gauge 17 , 15 , 71	1
55	PA-321P55	Spanner 24, 15, 10	1
56	PA-321P56	Back Up Ring	1
57	PA-321P57	Hex Wrench M5	1
57A	PA-321P57A	Hex Wrench M4	1
58	PA-321T58	Trigger Pin (2 pcs)	1set
59	PA-321P59	O-Ring	1
60	PA-321P60	Seal	1
61	PA-321P61	Pusher Spring	1
62	PA-321P62	Lock Ring	1

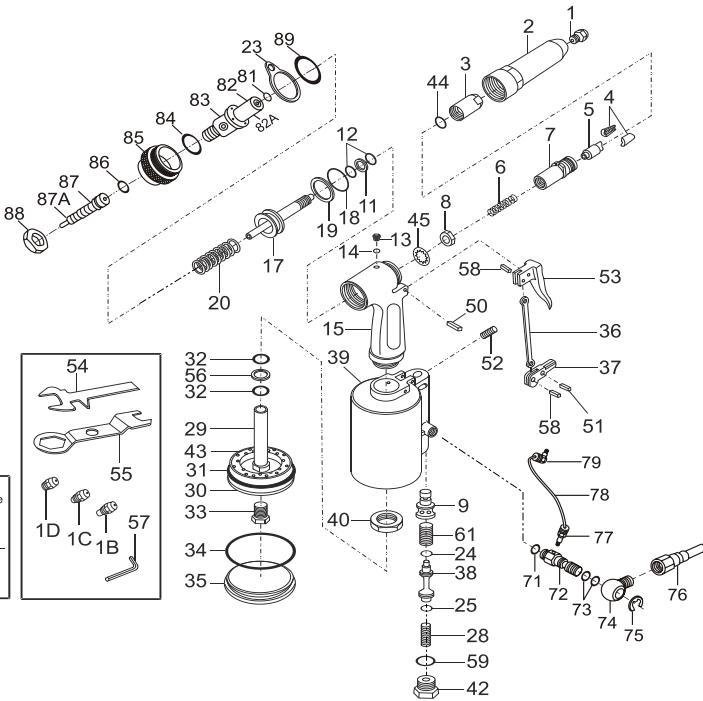
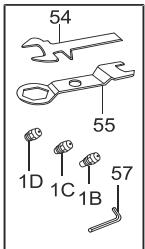
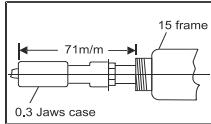


Air Hydraulic Riveter

Item No : PA-401V



ADJUSTING LENGTH



Part List

Item No : PA-401V



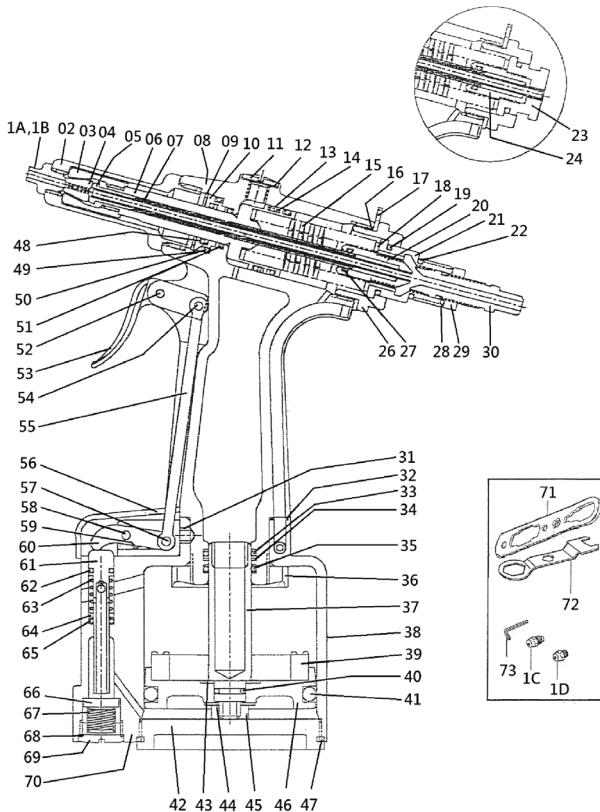
NO.	INDEX NO.	DESCRIPTION	Q'TY
1A	PA-401VP01A	Nose Piece 4.8m/m(3/16")	1
1B	PA-401VP01B	Nose Piece 4.0m/m(5/32")	1
1C	PA-401VP01C	Nose Piece 3.2m/m(1/8")	1
1D	PA-401VP01D	Nose Piece 2.4m/m(3/32")	1
2	PA-401VP02	Nose Housig	1
3	PA-401VP03	Jaws Case Ahead Part	1
4	PA-401VT04	Jaws (5 x 10) (2PCS)	1set
5C	PA-401VP05C	Pusher Pipe (3/32"~3/16")	1
6	PA-401VP06	Jaw Case Spring	1
7	PA-401VP07	Jaw Case Back Part	1
8	PA-401VP08	Jaw Case Lock Nut	1
9	PA-401VP09	Valve Pusher	1
11	PA-401VP11	Back Up Ring	1
12	PA-401VT12	O Ring (2PCS)	1set
13	PA-401VP13	Air Blow Plug	1
14	PA-401VP14	Packing	1
15	PA-401VP15	Frame	1
17	PA-401VP17	Oil Piston	1
18	PA-401VP18	O-Ring	1
19	PA-401VP19	Back Up Ring	1
20	PA-401VP20	Return Spring (Small)	1
23	PA-401VP23	Hanging Clip	1
24	PA-401VP24	O-Ring	1
25	PA-401VP25	O-Ring	1
28	PA-401VP28	Spring	1
29	PA-401VP29	Air Piston Rod	1
30	PA-401VP30	O-Ring	1
31	PA-401VP31	Air Piston	1
32	PA-401VT32	O-Ring (2PCS)	1set
33	PA-401VP33	Screw	1
34	PA-401VP34	O-Ring	1
35	PA-401VP35	Cylinder Cap	1
36	PA-401VP36	Trigger Rod	1
37	PA-401VP37	Trigger Liver	1
38	PA-401VP38	Valve Tube	1
39	PA-401VP39	Air Cylinder	1
40	PA-401VP40	Frame Lock Nut	1
42	PA-401VP42	Valve Cap Nut	1
43	PA-401VP43	Rubber Cushion	1
44	PA-401VP44	Jaw Case O Ring	1

NO.	INDEX NO.	DESCRIPTION	Q'TY
45	PA-401VP45	Washer Ring	1
49	PA-401VP49	M8 Bolt Piug	1
50	PA-401VP50	Pin	1
51	PA-401VP51	Lever Pin	1
52	PA-401VP52	Screw	1
53	PA-401VP53	Trigger	1
54	PA-401VP54	Spanner Gauge	1
55	PA-401VP55	Spanner	1
56	PA-401VP56	Back Up Ring	1
57	PA-401VP57	Hex Wrench	1
58	PA-401VT58	Trigger Pin (2PCS)	1set
59	PA-401VP59	O-Ring	1
61	PA-401VP61	Valve Spring	1
71	PA-401VP71	O-Ring	1
72	PA-401VP72	Double Male Connector	1
73	PA-401VT73	O-Ring (2PCS)	1set
74	PA-401VP74	Hinged Rotary Joint	1
75	PA-401VP75	Lock Ring	1
76	PA-401VP76	Air Hose Joint 1/4	1
77	PA-401VP77	Pin Joint	1
78	PA-401VP78	PU Hose	1
79	PA-401VP79	90° Pin Joint	1
79A	PA-401VP79A	PE Washer	1
81	PA-401VP81	O-Ring	1
82	PA-401VP82	MCS Adaptor (3/32"~3/16")	1
83	PA-401VP83	MCS Body	1
84	PA-401VP84	O-Ring	1
85	PA-401VP85	MCS Cap	1
86	PA-401VP86	O-Ring	1
87	PA-401VP87	MCS Nozzle (3/32"~3/16")	1
88	PA-401VP88	Hexagonthine Nut	1
89	PA-401VP89	O-Ring 26.5 X 2.5(MCS)	1



Air Hydraulic Riveter

Item No : PA-401MV



Part List

Item No : PA-401MV



NO.	INDEX NO.	DESCRIPTION	Q'TY
1B	PA-401MVP01B	NOSE PIECE 4.0	1
1C	PA-401MVP01C	NOSE PIECE 3.2	1
1D	PA-401MVP01D	NOSE PIECE 2.4	1
02	PA-401MVP02	FRAME HEAD	1
03	PA-401MVP03	JAW CACE	1
04	PA-401MVT04	JAWS (2 pcs)	1SET
05	PA-401MVP05	JAW PUSHER STEEL PIPE 2.6X3.0	1
06	PA-401MVP06	OIL PISTON	1
07	PA-401MVP07	JAW PUSHER SPRING	1
08	PA-401MVP08	FRAME	1
09	PA-401MVP09	R-RING	1
10	PA-401MVP10	GRAND WASHER	1
11	PA-401MVP11	AIR BLOW PLUG	1
12	PA-401MVP12	PACKING SEAL	1
13	PA-401MVT13	O-RING	2
14	PA-401MVP14	B-RING	1
15	PA-401MVP15	RETURN SPRING	1
16	PA-401MVP16	O-RING	1
17	PA-401MVP17	HANGER CLIP	1
18	PA-401MVP18	LOCK RING	1
19	PA-401MVP19	O-RING	1
20	PA-401MVP20	MCS ADAPTOR	1
21	PA-401MVP21	MCS CAP	1
22	PA-401MVP22	O-RING	1
23	PA-401MVP23	ME CAP	1
24	PA-401MVP24	ME ADAPTOR	1
26	PA-401MVP26	FRAME CAP	1
27	PA-401MVP27	O-RING	1
28	PA-401MVP28	O-RING	1
29	PA-401MVP29	NUT M10X5t	1
30	PA-401MVP30	MCS ZOOM CONTROLLER	1
31	PA-401MVP31	FIXED NUT M6X5	1
32	PA-401MVP32	O-RING	1
33	PA-401MVP33	PENTAGON SEAL	1
34	PA-401MVP34	B-RING	1
35	PA-401MVP35	O-RING	1
36	PA-401MVP36	LOCK NUT	1

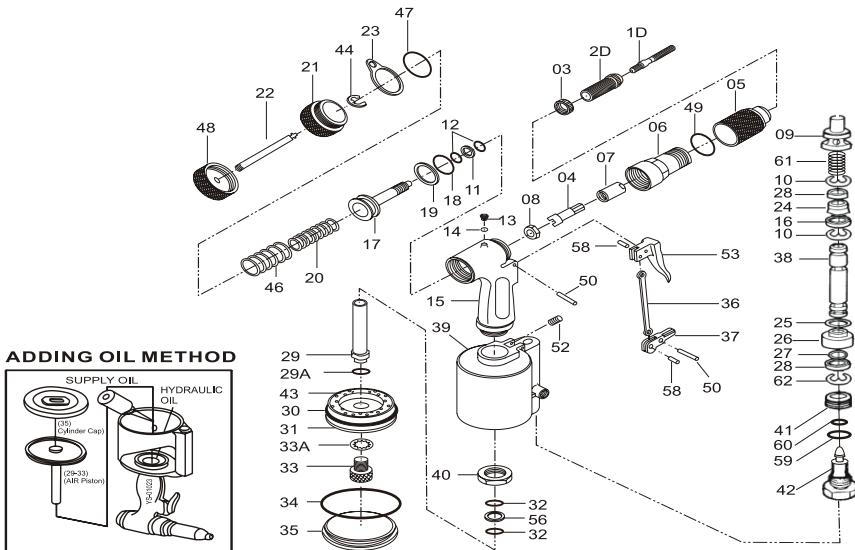
NO.	INDEX NO.	DESCRIPTION	Q'TY
37	PA-401MVP37	AIR PISTON ROD	1
38	PA-401MVP38	AIR CYLINDER	1
39	PA-401MVP39	RUBBER CUSHION	1
40	PA-401MVP40	O-RING	1
41	PA-401MVP41	O-RING	1
42	PA-401MVP42	AIR CYLINDER CAP	1
43	PA-401MVP43	WASHER 12X30X1.0t	1
44	PA-401MVP44	WASHER DB8	1
45	PA-401MVP45	LOCK NUT M8X5t	1
46	PA-401MVP46	AIR PISTON	1
47	PA-401MVP47	O-RING	1
48	PA-401MVP48	O-RING	1
49	PA-401MVP49	B-RING	1
50	PA-401MVP50	O-RING	1
51	PA-401MVP51	PENTAGON SEAL	1
52	PA-401MVP52	PIN 3X20	1
53	PA-401MVP53	TRIGGER	1
54	PA-401MVP54	PIN 3X8	1
55	PA-401MVP55	TRIGGER ROD	1
56	PA-401MVP56	TRIGGER LEVER CAP	■
57	PA-401MVP57	PIN 3X8	1
58	PA-401MVP58	PIN 3X14	1
59	PA-401MVP59	BOLT M4X5	■
60	PA-401MVP60	TRIGGER LEVER	1
61	PA-401MVP61	VALVE PUSHER	1
62	PA-401MVP62	O-RING	1
63	PA-401MVP63	VALVE SPRING (TOP)	1
64	PA-401MVP64	COPPER WASHER	1
65	PA-401MVP65	O-RING	1
66	PA-401MVP66	VALVE WASHER	1
67	PA-401MVP67	SPRING	1
68	PA-401MVP68	O-RING	1
69	PA-401MVP69	END PLUG	1
70	PA-401MVP70	AIR CYLINDER	1
71	PA-401MVP71	SPANNER	1
72	PA-401MVP72	CAP SPANNER	1
73	PA-401MVP73	HEX. WRENCH M5	1

■ Optional Accessories



Air Hydraulic Riveter

Item No : PB-2402



SPECIFICATIONS

Capacity: M4, M5, M6, M8, M10 Steel

Stroke: 2 ~ 10mm (0.078" ~ 0.393")

Air Consumption: 1.5 Liter/Stroke

Operating Pressure: 6.0 ~ 7.0 kg/cm (85~100psi)

Net Weight: 1.55 kgs (3.42 lbs)

Width x Height: 190mm x 270mm

Packing: 6 Sets / 14 kgs / 15 kgs / 2.3"

Part List

Item No : PB-2402



NO.	INDEX NO.	DESCRIPTION	Q'TY
1A	PB-2402P01A	Screw Mandrel M3	1
1B	PB-2402P01B	Screw Mandrel M4	1
1C	PB-2402P01C	Screw Mandrel M5	1
1D	PB-2402P01D	Screw Mandrel M6	1
1E	PB-2402P01E	Screw Mandrel M8	1
1F	PB-2402P01F	Screw Mandrel M10	1
2A	PB-2402P02A	Stroke Set Adaptor M3	1
2B	PB-2402P02B	Stroke Set Adaptor M4	1
2C	PB-2402P02C	Stroke Set Adaptor M5	1
2D	PB-2402P02D	Stroke Set Adaptor M6	1
2E	PB-2402P02E	Stroke Set Adaptor M8	1
2F	PB-2402P02F	Stroke Set Adaptor M10	1
3	PB-2402P03	Nose Nut	1
4	PB-2402P04	Spindle Guide	1
5	PB-2402P05	Stroke Adaptor Cover	1
6	PB-2402P06	Connector Housing	1
7	PB-2402P07	Spindle Case	1
8	PB-2402P08	Spindle Cade Nut	1
9	PB-2402P09	Valve Pusher	1
10	PB-2402T10	Lock Ring (2 pcs)	1SET
11	PB-2402P11	Back Up Ring	1
12	PB-2402T12	O-Ring (2 pcs)	1SET
13	PB-2402P13	Air Blow Plug	1
14	PB-2402P14	Packing Seal	1
15	PB-2402P15	Frame	1
16	PB-2402P16	Collar for Valve Tube	1
17	PB-2402P17	Oil Piston	1
18	PB-2402P18	O-Ring	1
19	PB-2402P19	Back Up Ring	1
20	PB-2402P20	Return Spring (Small)	1
21	PB-2402P21	Frame Cap	1
22	PB-2402P22	Return Tube	1
23	PB-2402P23	Hanger Clip	1
24	PB-2402P24	Air Valve Seal	1
25	PB-2402P25	O-Ring	1
26	PB-2402P26	Valve Seat	1
27	PB-2402P27	O-Ring	1

NO.	INDEX NO.	DESCRIPTION	Q'TY
28	PB-2402T28	Valve Collar Washer (2 pcs)	1SET
29	PB-2402P29	Air Piston Rod	1
29A	PB-2402P29A	O-Ring	1
30	PB-2402P30	O-Ring	1
31	PB-2402P31	Air Piston	1
32	PB-2402T32	O-Ring (2 pcs)	1SET
33	PB-2402P33	Lock Nut	1
33A	PB-2402P33A	Washer	1
34	PB-2402P34	O-Ring	1
35	PB-2402P35	Cylinder Cap	1
36	PB-2402P36	Trigger Rod	1
37	PB-2402P37	Trigger Lever	1
38	PB-2402P38	Valve Tube	1
39	PB-2402P39	Air Cylinder	1
40	PB-2402P40	Frame Lock Nut	1
41	PB-2402P41	Nipple Screw	1
42	PB-2402P42	End Plug	1
43	PB-2402P43	Rubber Cushion	1
44	PB-2402P44	Lock Ring	1
46	PB-2402P46	Return Spring (Big)	1
47	PB-2402P47	Frame Cap Ring	1
48	PB-2402P48	Safety Cap Nut	1
49	PB-2402P49	O-Ring	1
50	PB-2402T50	Pin (2 pcs)	1SET
52	PB-2402P52	Lock Screw	1
53	PB-2402P53	Trigger (Long)	1
54	PB-2402P54	Spanner 8,15,24 m/m	1
55	PB-2402P55	Spanner 9,14,15,19 m/m	1
56	PB-2402P56	Back Up Ring	1
57	PB-2402P57	Hex Wrench M5	1
58	PB-2402T58	Trigger Pin (2 pcs)	1SET
59	PB-2402P59	O-Ring	1
60	PB-2402P60	Seal	1
61	PB-2402P61	Pusher Spring	1
62	PB-2402P62	Lock Ring	1

Warranty Card

Manufacturer's limited warranty

Mighty Seven International CO., LTD. offers limited warranty to the products manufactured by **Mighty Seven** and sold by its worldwide authorized dealers. The limited warranty only applies to products that are defective in material and workmanship and does not apply to products which have been abused, misused, modified, or repaired by someone other than **Mighty Seven** or its authorized service representatives. If there is a defective product of **Mighty Seven**, please send it prepaid to the dealer where it was purchased from along with address and contact information. Repairs or replacements are warranted as described above; otherwise, the service of repairs or replacements will be charged.

Please Keep This card For Warranty

Date of Purchase :	Model No. :
Warranty Expiration Date :	Serial No. :

Distributor Stamp





Warranty Card

Date of Purchase :	Model No. :
Warranty Expiration Date :	Serial No. :
Name :	
Company Name :	
Address :	
Tel. :	Fax. :
E-mail :	
Type of Business :	
<input type="checkbox"/> Agriculture <input type="checkbox"/> General Auto Repair <input type="checkbox"/> Tire <input type="checkbox"/> Truck Maintenance/Repair <input type="checkbox"/> Car Maker	<input type="checkbox"/> Paint & Body Repair <input type="checkbox"/> Public Work/Gov. Utilities <input type="checkbox"/> Factory <input type="checkbox"/> Home Use <input type="checkbox"/> Other _____
Specification of compressor used :	
Horsepower : <input type="checkbox"/> 5 <input type="checkbox"/> 7,5 <input type="checkbox"/> 10 <input type="checkbox"/> 15+ <input type="checkbox"/> other _____	
Tank Size (liter/gal) : <input type="checkbox"/> 75,7(20) <input type="checkbox"/> 227,1(60) <input type="checkbox"/> 302,8(80) <input type="checkbox"/> 454,2(120) <input type="checkbox"/> other _____	

