

**Use r's
Manua l**



AIR IMPACT WRENCH

- Clé à chocs
- Llave de Impacto Neumática



Warning



Ear Protection



Safety Goggles



Gloves





Operation Instruction for Air Impact Wrench

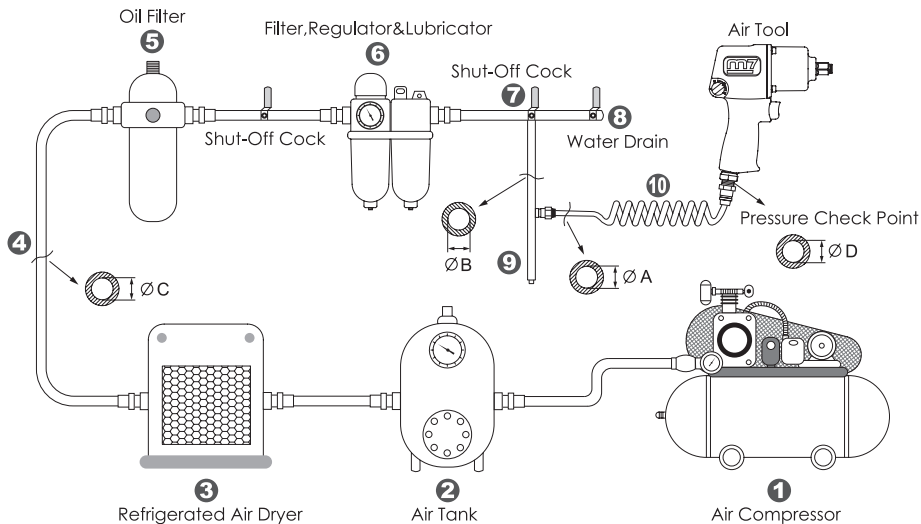
Working environment:

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 8) 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).



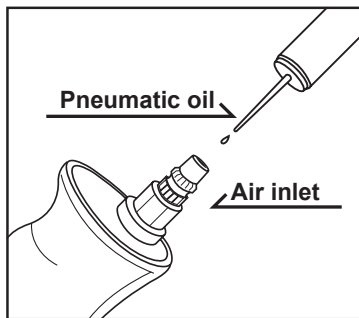
Warning:

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 tightening or loosening bolts or nuts. Any application or use of this tool other than what it is designed for is strictly prohibited.
3. Use only pneumatic impact sockets and accessories on this tool. Never use hand sockets or accessories.
4. High sound levels may cause hearing damage. Always wear hearing protection when operating this tool.
5. Wearing eye/face protection can reduce the danger of high-speed socket being ejected from the tool, due to improper socket insertion during operation.
6. User must wear proper clothing. Loose clothing, long hair, stings, straps, belts and jewelry should not be worn when operating this tool.
7. Before using these tools, make sure that all couplings and plugs are securely mounted. Air hoses which are under pressure will cause a whipping action when disconnecting, this can lead to serious injury!
8. Make certain to stand on a solid or firm location and keep body in well-balanced position while operating this tool.
9. Test run the tool to confirm the rotation direction before practical use. This will reduce the potential hazard due to unexpected rotating direction.
10. In case of tool insert failure, always keep hands away from rotating socket to reduce the risk of being injured, especially when working in confined spaces.
11. Always turn off the air supply and disconnect the air hose before changing socket or making adjustments on the tool.
12. Release the throttle trigger to avoid danger if there is a failure of energy supply and when connecting or disconnecting the air hose.
13. Prolonged use will cause user fatigue. Periodic breaks are recommended for user safety.
14. It is recommended to stop operating the tool whenever the user experiences discomfort, tingling or pain during use.
15. Beware if the compressed air hose breaks unexpectedly, or is being connected or disconnected improperly. This whipping action may cause injury.
16. Always use caution when operating this tool to prevent injury.
17. Avoid storing this tool where it is subject to high humidity.



Maintenance:

1. Before connecting the air hose to this tool or after operating, apply 4 or 5 drops of pneumatic oil into the air inlet and run it for several seconds, referring this operation to the attached illustration No.1.
2. Maintain this tool regularly by performing the same oiling application every 3 to 4 hours of operation.
3. Do not lubricate tools with flammable or volatile liquids. Use only the lubricant recommended by Mighty-Seven or authorized dealers. Any other lubricant will lead to reduce performance of the tool and permanent damage. Whenever any unauthorized lubricant is used by accident, flush it immediately with recommended pneumatic oil.
4. The impact mechanism also needs to be greased once every 50 hours after practical operation.
5. Follow all the recycling laws of waste disposal once this tool is no longer usable.



Regular maintenance



Guide d'utilisation - Clé à chocs

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 maximale recommandée 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 sorti 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.



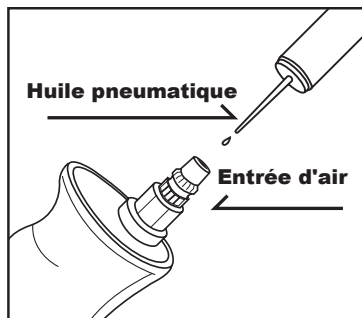
Attention:

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 serrage et le desserrage des boulons. Toute autre utilisation de cet outil est fortement déconseillée.
3. Toujours utiliser des douilles ou des accessoires de type Impact sur cet outil. Ne jamais utiliser de douilles ou des accessoires à mains.
4. Le niveau sonore élevé de l'outillage pneumatique peut causer des dommages auditifs permanents. Toujours porter une protection auditive lors de l'utilisation.
5. 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.
6. 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.
7. Avant d'utiliser ces outils, il faut s'assurer que tous les joints et raccords soient correctement enclenchés. Les tuyaux d'alimentation sous pression peuvent causer de sérieuses blessures s'ils se déconnectent!
8. Il est fortement conseillé d'utiliser ce genre d'outils avec une prise au sol ferme et solide.
9. Vérifiez le sens de rotation de l'outil par un test rapide avant chaque utilisation. Ceci pourrait éviter des blessures dues à un sens de rotation inattendu.
10. En cas d'un bris de la boulonnerie ou d'une douille, toujours tenir les mains éloignées de la partie rotative de l'outil afin d'éviter les risques de blessures, particulièrement dans les endroits confinés.
11. Toujours éteindre l'alimentation en air et débrancher les raccords lors d'un changement de douille ou d'accessoire.
12. Relâchez la gâchette lorsqu'il y a un problème d'alimentation ou lors du débranchement de l'outil.
13. Des périodes d'utilisation prolongée peuvent causer de la fatigue. Des pauses régulières sont conseillées pour augmenter la sécurité de l'utilisateur.
14. 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.
15. 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.
16. Toujours être prudent lors de l'utilisation de cet outil pour prévenir les blessures.
17. Évitez de ranger cet outil dans un endroit où l'air est humide.



Maintenance:

1. Avant l'utilisation ou avant de brancher le tuyau d'alimentation, déposer 4 ou 5 gouttes d'huile pneumatique par l'admission d'air et faire fonctionner l'outil pendant quelques secondes. Pour la manipulation, se référer à l'illustration No.1.
2. Procédez à une lubrification régulière de l'outil à toutes les 3 ou 4 heures d'utilisation.
3. Ne pas lubrifier l'outil avec des produits volatile ou inflammable. Seule l'utilisation de lubrifiants recommandés par M7 ou un revendeur autorisé est permise. Tout autre lubrifiant peut réduire la durée de vie de l'outil. Purger avec de l'huile pneumatique tout outil ayant reçu accidentellement tout autre type de lubrifiant.
4. Le mécanisme de la clé à choc doit également être graissé à toutes les 50 heures d'utilisation consécutive.
5. Si l'outil est trop endommagé pour être encore utilisé, déposez-le dans une déchetterie pour qu'il soit recyclé.



Entretien régulier



Instrucciones de uso para Llave de Impacto Neumática

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.



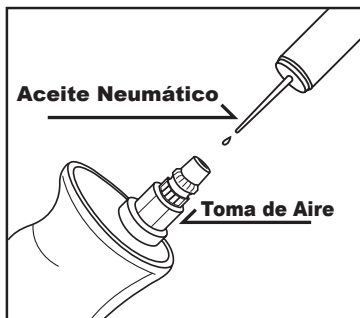
! Advertencia: !

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 está especialmente diseñada para ajustar o soltar tuercas o tornillos. Cualquier otro uso de esta herramienta ajeno al propósito para el que fue diseñada está estrictamente prohibido.
3. Utilice únicamente dados y accesorios neumáticos para esta herramienta. Nunca use dados o accesorios de tipo manual.
4. Sonidos de niveles altos podrían causar daños al oído. Use siempre protección de oídos al operar esta herramienta.
5. El uso de protección de ojos y cara puede reducir el peligro en caso de que el dado sea expulsado a alta velocidad desde la herramienta a causa de una mala inserción del dado durante el uso.
6. 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.
7. Antes de usar estas herramientas, asegúrese que todas las piezas de acople y enchufes estén conectados de forma segura.
8. Asegúrese de pararse sobre una base sólida o firme y mantenga el cuerpo en una posición con buen balance al operar esta herramienta.
9. Realice una prueba de encendido de la herramienta para confirmar la dirección de rotación antes de ponerla en uso. Esto reducirá daños potenciales causados por una dirección de rotación inesperada.
10. Siempre mantenga las manos apartadas del dado de rotación para reducir el riesgo de lesionarse en caso de una falla en la inserción de la herramienta, especialmente cuando se trabaja en espacios confinados.
11. Siempre apague el suministro de aire y desconecte la manguera de aire antes de cambiar el dado o de hacer ajustes a esta herramienta.
12. Suelte el gatillo de aceleración para evitar peligros si existe una falla en el suministro de energía eléctrica o cuando conecte o desconecte la manguera de aire.
13. Largos periodos de uso prolongado causan fatiga del usuario. Descansos periódicos son recomendados para seguridad del usuario.
14. Se recomienda interrumpir el uso de la herramienta en caso de experimentar incomodidad, cosquilleo o dolor durante su uso.
15. 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.
16. Siempre opere esta herramienta con cuidado para prevenir lesiones.
17. Evite almacenar esta herramienta en lugares muy húmedos.



Mantenimiento:

1. Antes de conectar la manguera de aire o luego de usarla, aplique 4 ó 5 gotas de aceite neumático en la entrada de aire y déjela encendida por varios segundos. Ver la ilustración No. 1.
2. Realice un mantenimiento regular de esta herramienta repitiendo la misma operación lubricación cada 3 ó 4 horas de uso.
3. No utilice líquidos inflamables o volátiles para lubricar esta herramienta. Utilice únicamente el lubricante recomendado por Mighty-Seven o agentes autorizados. Cualquier otro lubricante producirá una disminución en el desempeño de la herramienta y daño permanente. Si se utiliza accidentalmente un lubricante no autorizado, quítelo inmediatamente vertiendo encima aceite neumático recomendado.
4. Engrasar también el mecanismo de impacto luego de cada 50 horas de uso.
5. Respete todas las leyes de reciclaje y desechos una vez que esta herramienta sea descartada.



Mantenimiento regular

Item No.	Square Drive inch	Bolt Capacity inch	Torque Range FTLB	Max Torque FTLB	Free Speed R.P.M	Avg. Air Consumption CFM	Air Pressure PSI	Overall Length inch	Net Weight LBS	Air Hose inch	Sound Pressure [1000ft] 1-44 dBA	Vibration level m/s²
Illustrator												
NC-3111	3/8"	1/2"	70-130	175	9000	4.0	90	6-7/16"	3.5	3/8"	93.3	4.1
NC-3210	3/8"	1/2"	100-300	430	10000	4.0	90	5-5/8"	3.3	3/8"	92.1	3.6
NC-3610Q	3/8"	1/2"	100-300	350	8000	4.4	90	4-9/16"	3.3	3/8"	85.0	2.8
NC-3611Q	3/8"	5/8"	100-300	350	10000	4.0	90	4-3/8"	3.3	3/8"	85.0	2.8
NC-4212	1/2"	5/8"	150-300	650	7000	4.0	90	7-13/64"	6.2	3/8"	86.1	3.7
NC-4222	1/2"	5/8"	150-300	650	7000	4.0	90	9-13/64"	6.6	3/8"	86.1	3.7
NC-4216	1/2"	5/8"	180-400	700	9000	4.2	90	7-3/4"	4.4	3/8"	93.9	4.5
NC-4226	1/2"	5/8"	180-400	700	9000	4.2	90	8-7/8"	4.8	3/8"	93.9	4.5
NC-4217	1/2"	5/8"	150-320	600	7000	4.2	90	7-1/4"	5.6	3/8"	92.1	3.7
NC-4230Q	1/2"	3/4"	180-500	700	6500	4.5	90	6-15/32"	5.5	3/8"	85.0	4.5
NC-4236Q	1/2"	1"	200-700	1000	7500	5.5	90	6-45/64"	5.7	3/8"	83.0	4.5
NC-4258	1/2"	5/8"	150-300	580	7000	4.2	90	7-1/4"	5.6	3/8"	93.2	4.4
NC-4610Q	1/2"	5/8"	200-350	500	9000	4.4	90	4-9/16"	3.52	3/8"	85.0	2.8
NC-4620Q	1/2"	5/8"	200-350	500	9000	4.4	90	6-9/16"	3.74	3/8"	85.0	2.8
NC-4611Q	1/2"	5/8"	200-350	450	10000	4.0	90	4-3/8"	3.3	3/8"	85.0	2.8
NC-6210Q	3/4"	3/4"	180-600	1200	6500	4.5	90	6-45/64"	5.61	3/8"	85.0	4.5
NC-6220	3/4"	3/4"	180-600	1200	6500	4.5	90	12-23/32"	5.61	3/8"	85.0	4.5
NC-6216	3/4"	1-1/16"	200-1000	1200	6000	6.0	90	9-1/4"	9.0	1/2"	91.2	5.0
NC-6236Q	3/4"	1"	200-700	1200	7500	6.0	90	6-45/64"	5.7	3/8"	83.0	4.5
NC-8216	1"	1-3/8"	200-1600	1800	6000	9.0	90	19-3/16"	18.48	1/2"	102.0	9.3
NC-8219	1"	1-7/16"	200-1600	1800	4000	11.0	90	12-13/32"	21.69	1/2"	103.4	16.7
NC-8351	1"	1-3/8"	200-1600	2000	4000	11.5	90	20"	27.6	1/2"	101.0	7.3

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

Référence	Carre cond 	Cap. Boulon 	Couple recommandé 	Couple maxi 	Vitesse à vide 	Cons. D'air moyenne 	Pression 	Longueur 	Poids 	Tuyau d'air 	Niveau sonore 250A EN ISO 15744 	Niveau de vibration 
NC-3111	3/8"	13	95-176	237	9000	113	6.3	163	1.6	10	93.3	4.1
NC-3210	3/8"	13	136-407	583	10000	113	6.3	142	1.5	10	92.1	3.6
NC-3610Q	3/8"	13	136-407	474	8000	124	6.3	115.5	1.5	10	85.0	2.8
NC-3611Q	3/8"	13	136-407	474	10000	124	6.3	111	1.5	10	85.0	2.8
NC-4212	1/2"	16	203-407	881	7000	113	6.3	182	2.8	10	86.1	3.7
NC-4222	1/2"	16	203-407	881	7000	113	6.3	233	3.0	10	86.1	3.7
NC-4216	1/2"	16	244-542	949	9000	119	6.3	195	2.0	10	93.9	4.5
NC-4226	1/2"	16	244-542	949	9000	119	6.3	225	2.2	10	93.9	4.5
NC-4217	1/2"	16	203-434	814	7000	119	6.3	184	2.5	10	92.1	3.7
NC-4230Q	1/2"	19	244-678	949	6500	127	6.3	164	2.5	10	85.0	4.5
NC-4236Q	1/2"	25	271-949	1356	7500	155	6.3	171	2.6	10	83.0	4.5
NC-4258	1/2"	16	203-407	786	7000	119	6.3	185	2.5	10	93.2	4.4
NC-4610Q	1/2"	16	271-475	678	9000	124	6.3	115.5	1.6	10	85.0	2.8
NC-4620Q	1/2"	16	271-475	678	9000	124	6.3	166	1.7	10	85.0	2.8
NC-6210Q	3/4"	19	244-810	1627	6500	127	6.3	170	2.55	10	85.0	4.5
NC-6236Q	3/4"	25	271-949	1627	7500	155	6.3	171	2.6	10	83.0	4.5
NC-6220	3/4"	19	244-810	1627	7500	127	6.3	323	3.08	10	87.0	4.5
NC-6216	3/4"	27	271-1356	1627	6000	170	6.3	235	4.1	13	91.2	5.0
NC-8216	1"	33	271-2170	1800	6000	254	6.3	487	8.4	13	102.0	9.3
NC-8219	1"	36	271-2170	2441	4000	311	6.3	315	9.84	13	103.4	16.7
NC-8351	1"	33	200-1600	2712	4000	325	6.3	510	12.5	13	101.0	7.3

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

Modelo	Matriz Cuadrada	Capacidad de Perno	Rango de Torque	Torque Máximo	Velocidad libre	Consumo de Aire Promedio	Presión de Aire	Longitud Total	Peso Neto	Manguera de Aire	Presión Sonora EN ISO 15744	Nivel de vibración
												
	inch	mm	Nm	Nm	R.P.M	L/min	bar	mm	kg	mm	dBA	m/s ²
NC-3111	3/8"	13	95-176	237	9000	113	6.3	163	1.6	10	93.3	4.1
NC-3210	3/8"	13	136-407	583	10000	113	6.3	142	1.5	10	92.1	3.6
NC-3610Q	3/8"	13	136-407	474	8000	124	6.3	115.5	1.5	10	85.0	2.8
NC-3611Q	3/8"	13	136-407	474	10000	113	6.3	111	1.5	10	85.0	2.8
NC-4212	1/2"	16	203-407	881	7000	113	6.3	182	2.8	10	86.1	3.7
NC-4222	1/2"	16	203-407	881	7000	113	6.3	233	3.0	10	86.1	3.7
NC-4216	1/2"	16	244-542	949	9000	119	6.3	195	2.0	10	93.9	4.5
NC-4226	1/2"	16	244-542	949	9000	119	6.3	225	2.2	10	93.9	4.5
NC-4217	1/2"	16	203-434	814	7000	119	6.3	184	2.5	10	92.1	3.7
NC-4230Q	1/2"	19	244-678	949	6500	127	6.3	164	2.5	10	85.0	4.5
NC-4236Q	1/2"	25	271-949	1356	7500	155	6.3	171	2.6	10	83.0	4.5
NC-4258	1/2"	16	203-407	786	7000	119	6.3	185	2.5	10	93.2	4.4
NC-4610Q	1/2"	16	271-475	678	9000	124	6.3	115.5	1.6	10	85.0	2.8
NC-4620Q	1/2"	16	271-475	678	9000	124	6.3	166	1.7	10	85.0	2.8
NC-6210Q	3/4"	19	244-810	1627	6500	127	6.3	170	2.55	10	85.0	4.5
NC-6236Q	3/4"	25	271-949	1627	7500	155	6.3	171	2.6	10	83.0	4.5
NC-6220	3/4"	19	244-810	1627	7500	127	6.3	323	3.08	10	87.0	4.5
NC-6216	3/4"	27	271-1356	1627	6000	170	6.3	235	4.1	13	91.2	5.0
NC-8216	1"	33	271-2170	1800	6000	254	6.3	487	8.4	13	102.0	9.3
NC-8219	1"	36	271-2170	2441	4000	311	6.3	315	9.84	13	103.4	16.7
NC-8351	1"	33	200-1600	2712	4000	325	6.3	510	12.5	13	101.0	7.3

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



EC DECLARATION OF CONFORMITY

Original Language

Serial Number: Please refer to the tool

Air Impact Wrench

Item No.: NC-3111 NC-3210 NC-3610Q NC-4212 NC-4222 NC-4216 NC-4226 NC-4217
NC4230Q NC-4236Q NC-4258 NC-4610Q NC-6210Q NC-6220 NC-6236Q NC-6216 NC-8216
NC-8219 NC-8351

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

EN ISO 11148-6 / EN ISO 15744 / EN ISO 28927-2

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 Quang Rd., Wujih Dist.,

Taichung City, 41466 Taiwan

<http://www.mighty-seven.com>

Authorized contact, to compile the technical files :

King Tony France

3 Rue des imprimeurs ZI République Nord 1.

86000 POITIERS FRANCE

TEL : (+33) 5-49-30-30-90

E-MAIL : christian.aubineau@kingtony.eu



EC-DECLARATION DE CONFORMITE

traduit de la langue originale

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

Clé à chocs

Référence: NC-3111 NC-3210 NC-3610Q NC-4212 NC-4222 NC-4216 NC-4226 NC-4217 NC-4230Q
NC-4236Q NC-4258 NC-4610Q NC-6210Q NC-6220 NC-6236Q NC-6216 NC-8216 NC-8219 NC-8351

Nous déclarons sous notre propre responsabilité que les outils sus mentionnés sont
conforme 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 11148-6 / EN ISO 15744 / EN ISO 28927-2

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 Quang Rd., Wujih Dist.,

Taichung City, 41466 Taiwan

<http://www.mighty-seven.com>

Personne autorisée pour établir les fiches techniques:

King Tony France

3 Rue des imprimeurs ZI République Nord 1. 86000 POITIERS

FRANCE

TEL : (+33) 5-49-30-30-90

E-MAIL : christian.aubineau@kingtony.eu



DECLARACIÓN DE CONFORMIDAD DE EC

Traducción del lenguaje original

Número de serie: por favor ver la herramienta

Llave de Impacto Neumática

Modelo : NC-3111 NC-3210 NC-3610Q NC-4212 NC-4222 NC-4216 NC-4226 NC-4217 NC4230Q
NC-4236Q NC-4258 NC-4610Q NC-6210Q NC-6220 NC-6236Q NC-6216 NC-8216 NC-8219 NC-8351

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 11148-6 / EN ISO 15744 / EN ISO 28927-2

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 Quang Rd., Wujih Dist.,

Taichung City, 41466 Taiwan

<http://www.mighty-seven.com>

Contacto Autorizado, para recopilar los archivos técnicos :

King Tony France

3 Rue des imprimeurs ZI République Nord 1. 86000 POITIERS

FRANCE

TEL : (+33) 5-49-30-30-90

E-MAIL : christian.aubineau@kingtony.eu

Warranty Policy

Mighty-Seven International Co., LTD, (M7), part of the global King Tony Tool Group, offers a 12 months limited warranty on all products sold in the US and Canada through King Tony America. The limited warranty applies to defects in material or workmanship within the first 12 months of ownership; it does not apply to products that have been abused, misused, modified, disassembled or repaired by someone other than an M7 authorized repair center.

King Tony America reserves the right to conduct an inspection of any tool returned for warranty consideration and will offer the owner of the tool a written evaluation if warranty is denied for any reason. Specific exclusions to this warranty include certain consumable (wear) items in every tool. All consumable items are clearly noted in the parts list for each tool contained in this catalog. Other specific exclusions include failure to properly oil the tool prior to use and using excessive air pressure to operate the tool. All implied warranties, including but not limited to the implied warranties of merchantability or fitness for a particular purpose are also specifically excluded.

In no event shall King Tony America be liable for consequential, incidental, or specific damages resulting from or in any manner related to the product, its design, use or any inability use the same. The sole and exclusive remedy with respect to a defective product shall be the repair, or replacement of the tool.

For assistance with a warranty claim or for the name of the M7 authorized warranty repair center nearest you please email: sales@kingtonyamerica.com; or call King Tony America at +1 561.699.3190 between the hours of 8AM and 5PM, Pacific Time.

Garantie

Mighty-Seven International Co., LTD, (M7), membre du groupe King Tony Tools Group, offre une garantie de 12 mois sur tous les produits vendus aux Etats Unis et au Canada via King Tony America. Cette garantie s'applique sur les défauts de fonctionnement et de fabrication pendant les 12 mois suivant l'achat. Cette garantie ne s'applique pas pour les mauvaises utilisations du produit, ainsi que pour les produits modifiés, démontés ou réparés par un intervenant autre qu'un centre de réparation agréé par M7.

King Tony America se réserve le droit de procéder à une inspection de chaque produit qui nous sera retourné afin de déterminer si la garantie est applicable, et enverra une évaluation écrite au propriétaire dans le cas où la garantie est refusée. Les exceptions spécifiques à cette garantie comprennent l'usure des parties consommables dans chaque outil. Toutes les parties consommables sont clairement indiquées dans la liste des pièces composant chaque outil, contenue dans ce catalogue. Les autres exceptions spécifiques comprennent les dysfonctionnements liés à l'omission d'huiler correctement l'outil avant utilisation, ainsi que les dysfonctionnements liés à une pression d'air excessive durant l'utilisation. Un produit défectueux suite à une utilisation contraire à sa fonction ne pourra être pris en garantie.

King Tony America ne peut en aucun cas se tenir responsable des conséquences liées à la mauvaise utilisation de ses produits. L'unique et exclusive solution en ce qui concerne un produit défectueux sera la réparation, ou le remplacement de l'outil.

Pour une assistance concernant une demande de garantie dans un centre de réparation M7 autorisé, veuillez contacter par mail : sales@kingtonyamerica.com ou appeler King Tony America au +1 561.699.3190 (horaires : 8h-17h, heure Pacifique).

Póliza de Garantía

Mighty-Seven International Co., LTD, (M7) parte del Grupo Global de Herramientas de King Tony ofrece una garantía limitada de 12 meses en todos los productos vendidos en los Estados Unidos y Canadá a través de King Tony America.

La garantía limitada se aplica a defectos de materiales o a la mano de obra en la manufacturación dentro de los primeros 12 meses de compra, no se aplica a productos que han sido maltratados, mal usado, modificados, desarmado o reparado por alguien que no sea un centro de reparación autorizado M7.

King Tony America se reserva el derecho a realizar una inspección de cualquier herramienta devuelta a la consideración de garantía y se ofrecera una evaluación por escrita al propietario de la herramienta si la garantía es negada por cualquier motivo.

Las exclusiones específicas de esta garantía incluyen ciertos respuestos consumibles (desgaste) en cada herramienta.

Todos los respuestos consumibles se señalan claramente en la lista de piezas para cada herramienta contenida en este catálogo.

Otras exclusiones específicas incluyen falta de aceite correctamente antes de uso y utilizando la presión de aire excesivo para operar la herramienta.

Específicamente se excluyen todas las garantías implícitas, incluyendo pero no limitandose a las garantías implícitas de comerciabilidad o idóneas para un proposito particular estan especificamente excluidas.

En ningún caso King Tony America será responsable de consecuencias incidentales o daños especificos resultantes o de cualquier manera relacionada con el producto, su diseño, uso o cualquier incapacidad de utilizar el mismo.

El unico y exclusivo recurso con respecto al producto defectuoso sera la reparación o sustitución de la herramienta.

Para obtener asistencia con un reclamación de garantía o para buscar el centro de servicio autorizado M7 de reparación de garantía más cercano.

envíe un correo electrónico: sales@kingtonyamerica.com,

o llame a King Tony América por teléfono 561.699.3190, 561.699.3190

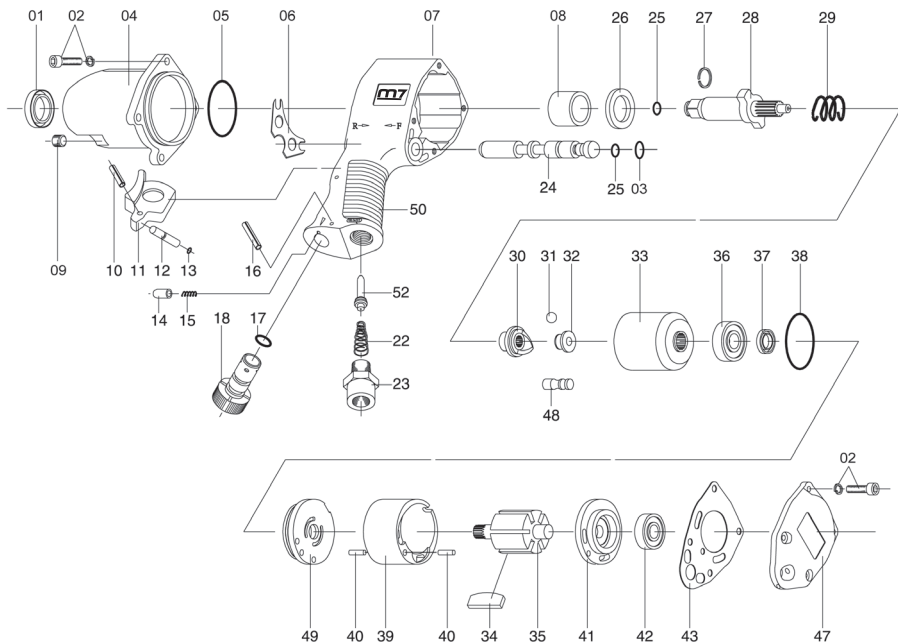
entre las 8 AM y 17:00 horas, tiempo del Pacífico.



3/8" Air Impact Wrench

Item No : NC-3111

● The consumable parts ▲ The replacement parts ★ The non-replacement parts



Part List

Pin Clutch Type

NC-3111



	No	Part No	Description	Q'ty
★	1	---	Oil Seal	1
★	2	NC-3111T02	Cap Bolt (8pcs)	1set
▲	3	NC-3111P03	O-Ring	1
★	4	---	Clutch Housing	1
●	5	NC-3111P05	O-Ring	1
★	6	NC-3111P06	Exhaust Deflector	1
★	7	NC-3111P07	Motor Housing	1
★	8	---	Anvil Bushing	1
★	9	NC-3111P09	Set Screw	1
★	10	NC-3111P10	Spring Pin	1
★	11	NC-3111P11	Trigger	1
★	12	NC-3111P12	Push Pin	1
▲	13	NC-3111P13	O-Ring	1
★	14	NC-3111P14	Pin	1
★	15	NC-3111P15	Spring	1
★	16	NC-3111P16	Spring Pin	1
▲	17	NC-3111P17	O-Ring	1
★	18	NC-3111P18	Speed Regulator	1
★	22	NC-3111P22	Conical Spring	1
★	23	NC-3111P23	Air Inlet Bushing	1
★	24	NC-3111P24	Reverse Valve	1
●	25	---	O-Ring	1
★	26	NC-3111P26	Spacer	1
●	27	---	Retaining Ring	1

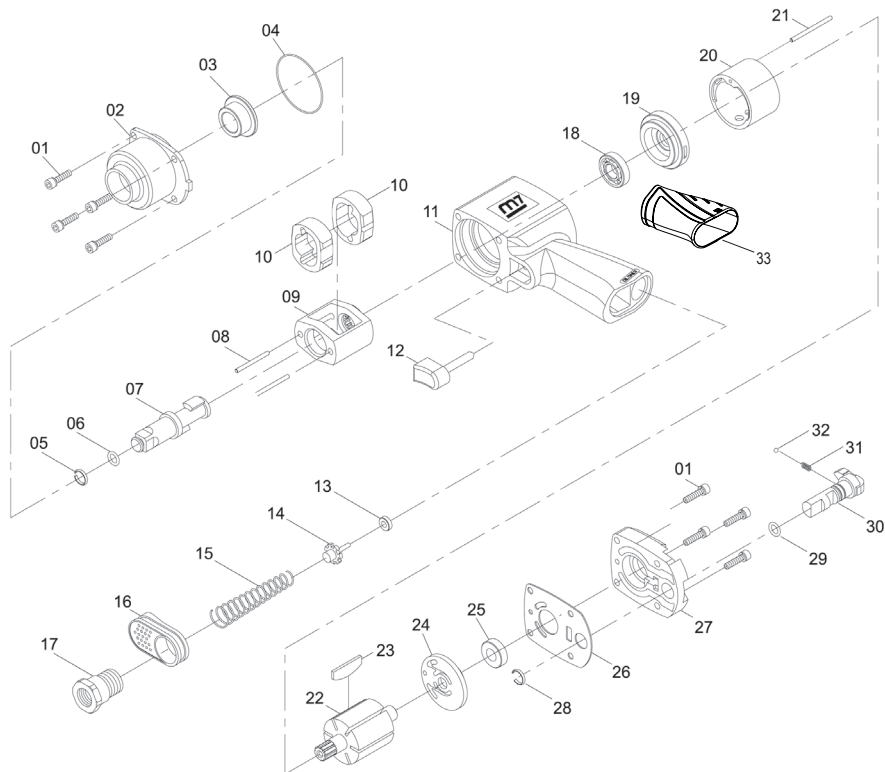
	No	Part No	Description	Q'ty
●	28	---	Anvil	1
▲	29	NC-3111P29	Spring	1
▲	30	NC-3111P30	Hammer Cam	1
▲	31	NC-3111P31	Steel Ball	1
▲	32	NC-3111P32	Cam Bolt Pilot	1
★	33	NC-3111P33	Hammer Cage	1
●	34	NC-3111T34	Rotor Blade (6pcs)	1set
★	35	NC-3111P35	Rotor	1
▲	36	NC-3111P36	Ball Bearing	1
★	37	NC-3111P37	Oil Seal	1
▲	38	NC-3111P38	O-Ring	1
★	39	NC-3111P39	Cylinder	1
★	40	NC-3111T40	Spring Pin (2pcs)	1set
▲	41	NC-3111P41	Rear End Plate	1
▲	42	NC-3111P42	Ball Bearing	1
●	43	NC-3111P43	Rear Gasket	1
★	47	NC-3111P47	Rear Cover	1
●	48	NC-3111T48	Hammer Pin (2pcs)	1set
▲	49	NC-3111P49	Front End Plate	1
★	50	NC-3111P50	Rubber Grip	1
★	52	NC-3111P52	Valve Stem	1
●		NC-3111T01	Anvil Ass'y (25.27.28)	1set
★		NC-3111T03	Clutch Housing Ass'y (01.04.08)	1set



3/8" Air Impact Wrench

Item No : NC-3210

● The consumable parts ▲ The replacement parts ★ The non-replacement parts



Part List

Twin Hammer Type

NC-3210



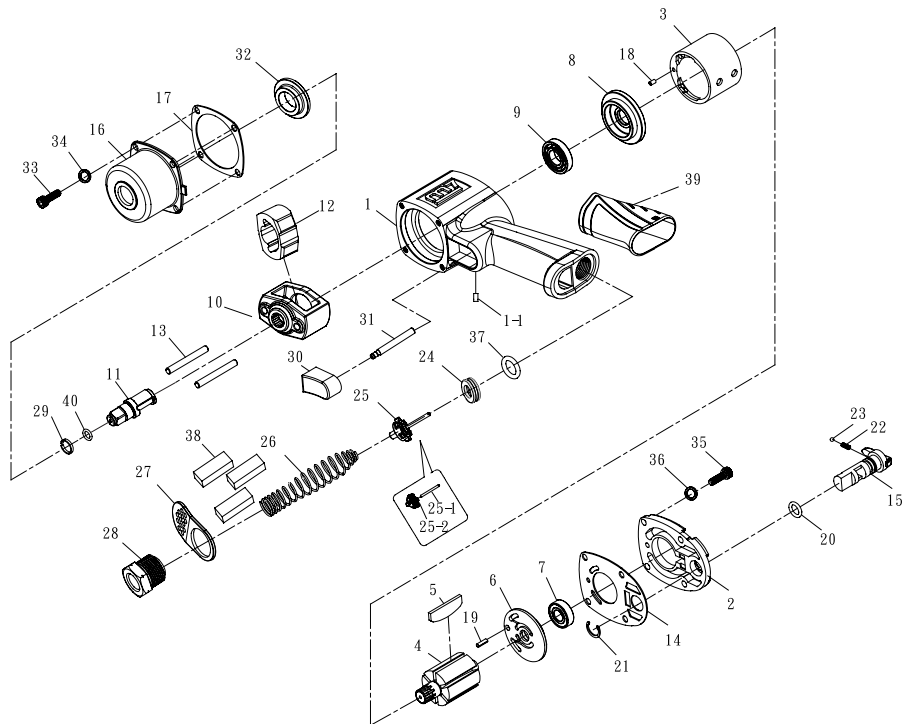
	No	Part No	Description	Q'ty
★	1	NC-3210T01	Cap Bolt (8pcs)	1set
★	2	---	Clutch Housing	1
★	3	---	Anvil Bushing	1
●	4	NC-3210P04	O-Ring	1
●	5	---	Retainer Ring	1
●	6	---	Retainer O-Ring	1
●	7	---	Anvil	1
▲	8	NC-3210T08	Hammer Pin (2pcs)	1set
▲	9	NC-3210P09	Hammer Cage	1
●	10	NC-3210T10	Hammer (2pcs)	1set
★	11	NC-3210P11	Motor Housing	1
★	12	NC-3210P12	Trigger	1
★	13	NC-3210P13	Throttle Bushing	1
★	14	NC-3210P14	Valve Stem	1
★	15	NC-3210P15	Conical Spring	1
★	16	NC-3210P16	Exhaust Deflector	1
★	17	NC-3210P17	Spring	1
▲	18	NC-3210P18	Ball Bearing	1
▲	19	NC-3210P19	Front End Plate	1
★	20	NC-3210P20	Cylinder	1
★	21	NC-3210P21	Cylinder Dowel	1
★	22	NC-3210P22	Rotor	1
●	23	NC-3210T23	Rotor Blade (6pcs)	1set
▲	24	NC-3210P24	Rear End Plate	1
▲	25	NC-3210P25	Ball Bearing	1
●	26	NC-3210P26	Rear Gasket	1
★	27	NC-3210P27	Rear Cover	1
★	28	NC-3210P28	Retainer	1
●	29	NC-3210P29	O-Ring	1
★	30	NC-3210P30	Reverse Valve	1
★	31	NC-3210P31	Spring	1
★	32	NC-3210P32	Detent Pin	1
★		NC-3210T02	Clutch Housing Ass'y (02.03)	1set
●		NC-3210T07	Anvil Ass'y (05.06.07)	1set
●	33	NC-3210T33	Rubber Grip	1



3/8" Air Impact Wrench

Item No : NC-3610Q

● The consumable parts ▲ The replacement parts ★ The non-replacement parts



Part List

Jumbo Hammer Type

NC-3610Q



	NO.	PART NO.	DESCRIPTION	Q'TY
★	1	NC-3610T01	Housing Ass'y (1, 1-1)	1 set
★	1-1	---	Screw	1
★	2	NC-3610P02	Backhead	1
★	3	NC-3610P03	Cylinder	1
★	4	NC-3610P04	Rotor	1
●	5	NC-3610T05	Rotor Blade (6pcs)	1 set
▲	6	NC-3610P06	Rear End Plate	1
▲	7	NC-3610P07	Ball Bearing	1
▲	8	NC-3610P08	Front End Plate	1
▲	9	NC-3610P09	Ball Bearing	1
▲	10	NC-3610P10	Hammer Frame	1
●	11	---	Standard Anvil	1
●	12	NC-3610P12	Hammer	1
▲	13	NC-3610T13	Hammer Pin (2 pcs)	1 set
●	14	NC-3610P14	Gasket	1
★	15	NC-3610P15	Reverse Valve	1
★	16	NC-3610P16	Hammer Case	1
●	17	NC-3610P17	Gasket	1
★	18	NC-3610P18	Spring Pin	1
★	19	NC-3610P19	Spring Pin	1
●	20	NC-3610P20	O-Ring	1
★	21	NC-3610P21	Retainer	1

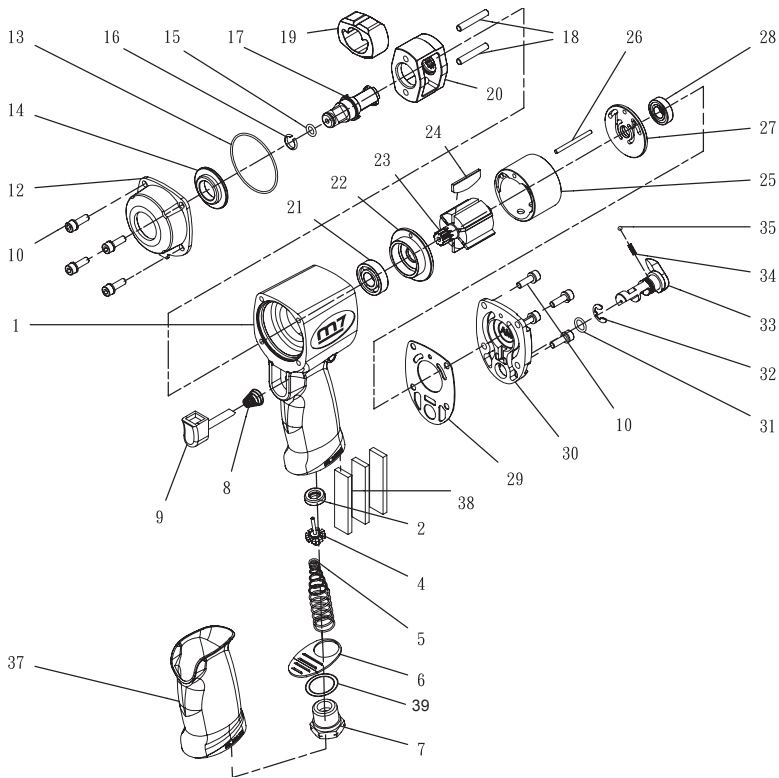
	NO.	PART NO.	DESCRIPTION	Q'TY
★	22	NC-3610P22	Spring	1
★	23	NC-3610P23	Steel Ball	1
★	24	NC-3610P24	Throttle Valve Seat	1
★	25	NC-3610T25	Throttle Valve Assembly (25-1, 25-2)	1 set
★	25-1	---	Throttle Valve Pin	1
★	25-2	---	Throttle Valve	1
★	26	NC-3610P26	Spring	1
★	27	NC-3610P27	Exhaust Deflector	1
★	28	NC-3610P28	Air Inlet	1
●	29	---	Socket Retainer	1
★	30	NC-3610P30	Trigger	1
★	31	NC-3610P31	Trigger Pin	1
★	32	NC-3610P32	Bushing	1
★	33	NC-3610T33	Screw (4pcs)	1 set
★	34	NC-3610T34	Washer (4pcs)	1 set
★	35	NC-3610T35	Screw (4pcs)	1 set
★	36	NC-3610T36	Washer (4pcs)	1 set
▲	37	NC-3610P37	O-Ring	1
●	38	NC-3610T38	Muffler Element (3pcs)	1 set
●	39	NC-3610P39	Rubber Grip	1
●	40	---	O-Ring	1
●		NC-3610T11	Standard Anvil Ass'y (11, 29, 40)	1 set



- The consumable parts

▲ The replacement parts

★ The non-replacement parts



Part List **Jumbo Hammer Type** **CE**

NC-3611Q

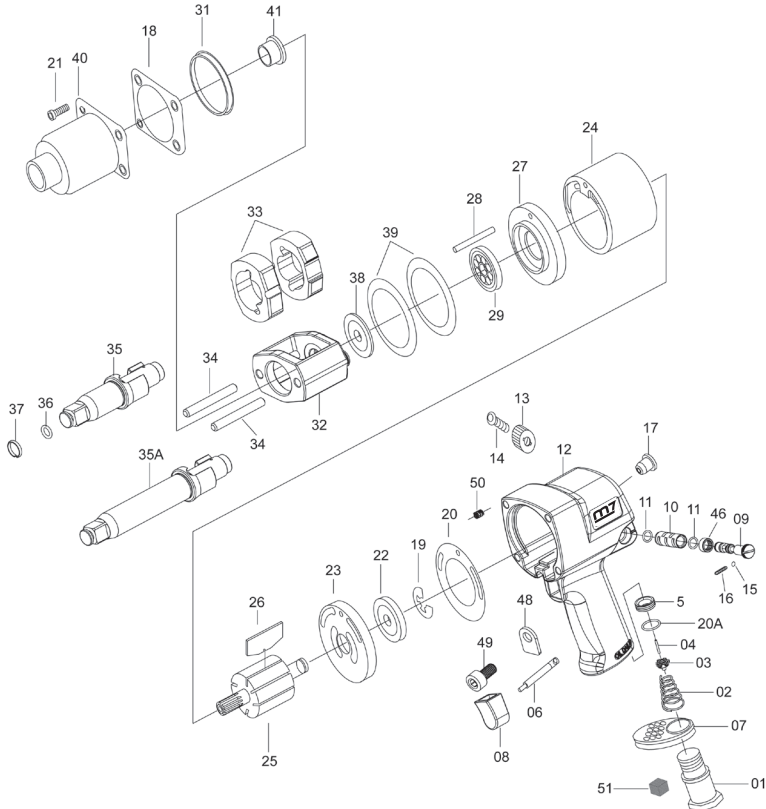
	NO.	INDEX NO.	DESCRIPTION	Q'TY
★	1	NC-3611P01	Motor Housing	1
★	2	NC-3611P02	Throttle Valve Seal	1
★	4	NC-3611P04	Throttle Valve Stem	1
★	5	NC-3611P05	Spring	1
★	6	NC-3611P06	Exhaust Deflector	1
★	7	NC-3611P07	Air Inlet Bushing	1
★	8	NC-3611P08	Spring	1
★	9	NC-3611P09	Trigger	1
★	10	NC-3611T10	Screw (8pcs)	1 set
★	12	NC-3611T12	Hammer Case Assembly (12.14)	1 set
●	13	NC-3611P13	O-Ring	1
★	14	-	Bushing	1
●	15	NC-3611P15	O-Ring	1
●	16	NC-3611P16	Retaining Ring	1
●	17	NC-3611T17	Anvil Assembly (15.16.17)	1 set
▲	18	NC-3611T18	Hammer Pin (2pcs)	1 set
▲	19	NC-3611P19	Hammer	1
▲	20	NC-3611P20	Hammer Cage	1
▲	21	NC-3611P21	Ball Bearing	1
★	22	NC-3611P22	Front Plate	1
★	23	NC-3611P23	Rotor	1
●	24	NC-3611T24	Rotor Blade (6pcs)	1 set
★	25	NC-3611P25	Cylinder	1
★	26	NC-3611P26	Cylinder Pin	1
★	27	NC-3611P27	Rear Plate	1
▲	28	NC-3611P28	Ball Bearing	1
●	29	NC-3611P29	Gasket	1
★	30	NC-3611P30	Rear Cover	1
●	31	NC-3611P31	O-Ring	1
★	32	NC-3611P32	E-Retaining Ring	1
★	33	NC-3611P33	Reverse Valve	1
★	34	NC-3611P34	Spring	1
★	35	NC-3611P35	Steel Ball	1
●	37	NC-3611P37	Rubber Grip	1
●	38	NC-3611T38	Muffler (3pcs)	1 set
★	39	NC-3611P39	Washer	1



1/2" Air Impact Wrench

Item No : NC-4212 NC-4222

● The consumable parts ▲ The replacement parts ★ The non-replacement parts



Part List

Twin Hammer Type



NC-4212 NC-4222

	No	Part No	Description	Q'ty
★	1	NC-4212P01	Air Inlet Bushing	1
★	2	NC-4212P02	Conical Spring	1
★	3	---	Throttle Valve	1
★	4	---	Throttle Valve Stem	1
★	5	NC-4212P05	Throttle Bushing	1
★	6	---	Trigger Stem	1
★	7	NC-4212P07	Exhaust Deflector	1
★	8	---	Trigger	1
★	9	NC-4212P09	Reverse valve Knob	1
★	10	---	Reverse Valve Bushing	1
▲	11	NC-4212T11	O-Ring (2pcs)	1set
★	12	---	Motor Housing	1
★	13	NC-4212P13	Speed Regulator	1
★	14	NC-4212P14	Screw	1
★	15	NC-4212P15	Steel Ball	1
★	16	NC-4212P16	Spring	1
★	17	---	Grease Inlet	1
●	18	NC-4212P18	Front Gasket	1
▲	19	NC-4212P19	Retainer	1
●	20	NC-4212P20	Rear Gasket	1
▲	20A	NC-4212P20A	O-Ring	1
★	21	NC-4212T21	Cap Bolt (4pcs)	1set
★	22	NC-4212P22	Ball Bearing	1
★	23	NC-4212P23	Rear End Plate	1
★	24	NC-4212P24	Cylinder	1
★	25	NC-4212P25	Rotor	1

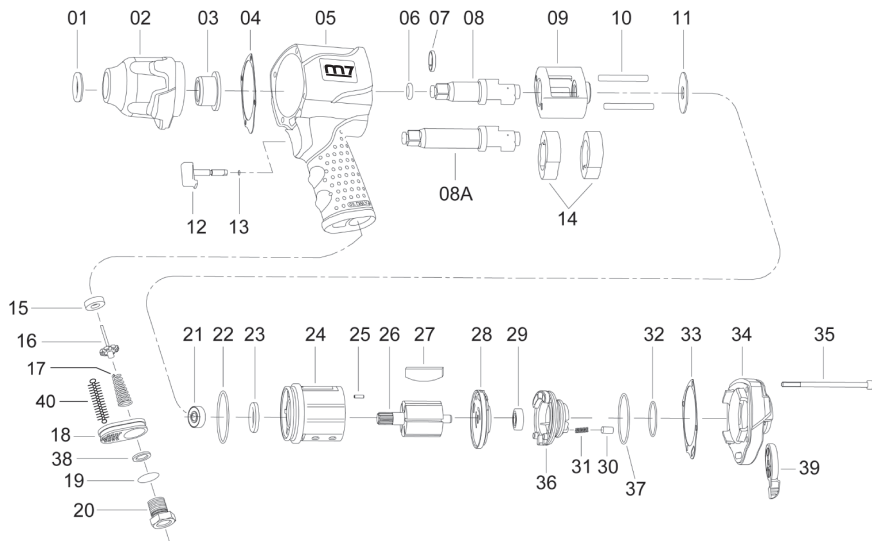
	No	Part No	Description	Q'ty
●	26	NC-4212T26	Rotor Blade (6pcs)	1set
▲	27	NC-4212P27	Front End Plate	1
★	28	NC-4212P28	Cylinder Dowel	1
▲	29	NC-4212P29	Ball Bearing	1
★	31	NC-4212P31	Separator	1
▲	32	NC-4212P32	Hammer Cage	1
●	33	NC-4212T33	Hammer (2pcs)	1set
▲	34	NC-4212T34	Hammer Pin (2pcs)	1set
●	35	---	Anvil	1
●	35A	---	2" Anvil	1
●	36	---	O-Ring	1
●	37	---	Retaining Ring	1
★	38	NC-4212P38	Washer	1
★	39	NC-4212T39	Motor Clamp Washer (2pcs)	1set
★	40	NC-4212P40	Clutch Housing	1
★	41	NC-4212P41	Anvil Bushing	1
★	46	---	Speed Indicator Ring	1
★	48	NC-4212P48	Trigger Retainer	1
★	49	NC-4212P49	Screw	1
★	50	---	Heli-Coil (4pcs)	1set
●	51	NC-4212P51	Muffler Element	1
★		NC-4212T01	Throttle Valve Ass'y (03.04)	1set
★		NC-4212T02	Trigger Ass'y (06.08)	1set
★		NC-4212T03	Motor Housing Ass'y (10.12.17.46.50)	1set
●		NC-4212T04	Anvil Ass'y (35.36.37)	1set
●		NC-4212T04A	2" Anvil Ass'y (35A.36.37) (NC-4222)	1set



1/2" Air Impact Wrench

Item No : NC-4216 NC-4226

● The consumable parts ▲ The replacement parts ★ The non-replacement parts



Part List

Twin Hammer Type

NC-4216 NC-4226



	No.	Part No.	Description	Q'ty
★	01	---	Oil Seal	1
★	02	---	Clutch Housing	1
★	03	---	Anvil Bushing	1
●	04	NC-4216P04	Front Gasket	1
★	05	NC-4216P05	Motor Housing	1
●	06	---	O-Ring	1
●	07	---	Retaining Ring	1
●	08	---	Anvil	1
●	08A	---	2" Anvil (NC-4226)	1
▲	09	NC-4216P09	Hammer Cage	1
▲	10	NC-4216T10	Hammer Pin (2pcs)	1set
★	11	NC-4216P11	Washer	1
★	12	NC-4216P12	Trigger	1
▲	13	NC-4216P13	O-Ring	1
●	14	NC-4216T14	Hammers (2pcs)	1set
★	15	NC-4216P15	Washer	1
★	16	NC-4216P16	Valve Stem	1
★	17	NC-4216P17	Conical Spring	1
★	18	NC-4216P18	Exhaust Deflector	1
▲	19	NC-4216P19	O-Ring	1
★	20	NC-4216P20	Air Inlet Bushing	1
▲	21	NC-4216P21	Ball Bearing	1

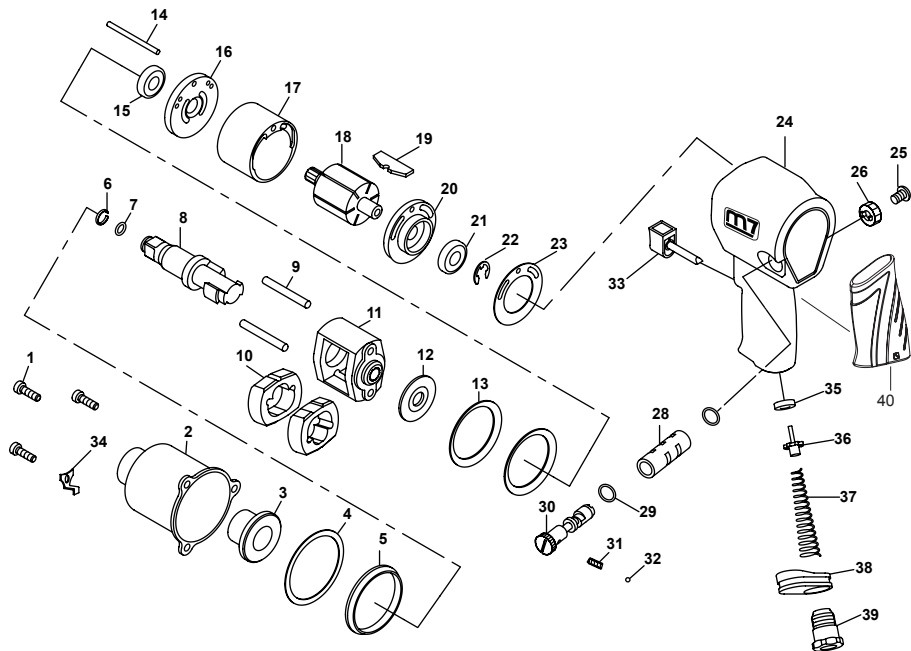
	No.	Part No.	Description	Q'ty
▲	22	NC-4216P22	O-Ring	1
▲	23	NC-4216P23	Oil Seal	1
★	24	NC-4216P24	Cylinder	1
★	25	NC-4216P25	Spring Pin	1
★	26	NC-4216P26	Rotor	1
●	27	NC-4216T27	Rotor Blade (6pcs)	1set
▲	28	NC-4216P28	Rear End Plate	1
▲	29	NC-4216P29	Ball Bearing	1
★	30	NC-4216T30	Pin (2pcs)	1set
★	31	NC-4216T31	Spring (2pcs)	1set
▲	32	NC-4216P32	O-Ring	1
●	33	NC-4216P33	Rear Gasket	1
★	34	NC-4216P34	Rear Cover	1
★	35	NC-4216T35	Cap Bolt (4pcs)	1set
★	36	NC-4216P36	Reverse Valve	1
▲	37	NC-4216P37	O-Ring	1
★	38	NC-4216P38	Washer	1
★	39	NC-4216P39	Reverse Lever	1
●	40	NC-4216P40	Muffler Element	1
★		NC-4216T01	Clutch Housing Ass'y (01.02.03)	1set
●		NC-4216T02	Anvil Ass'y (06.07.08)	1set
●		NC-4216T02A	2" Anvil Ass'y (06.07.08A) (NC-4226)	1set



1/2" Air Impact Wrench

Item No : NC-4217

● The consumable parts ▲ The replacement parts ★ The non-replacement parts



Part List

Twin Hammer Type



NC-4217

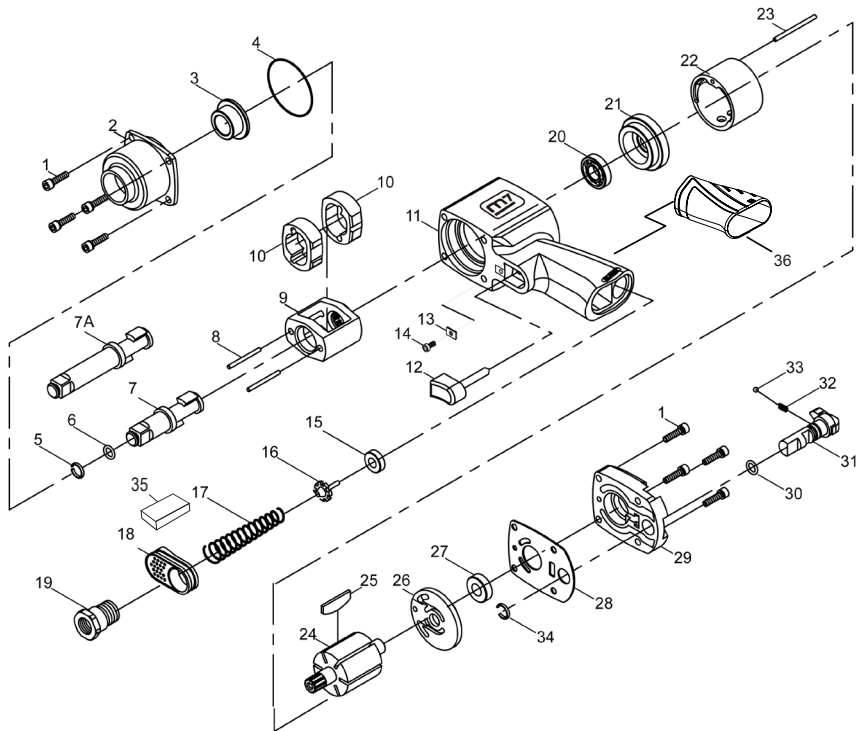
	NO.	INDEX NO.	DESCRIPTION	Q'ty
★	1	NC-4217S01	Screw (3pcs)	1set
★	2	NC-4217R02	Clutch Housing	1
★	3	NC-4217R03	Bushing	1
●	4	NC-4217R04	Front Gasket	1
★	5	NC-4217R05	Separator	1
●	6	---	Retaining Ring	1
●	7	---	O-Ring	1
●	8	---	Anvil for NC-4217	1
▲	9	NC-4217S09	Hammer Pin(2pcs)	1set
▲	10	NC-4217S10	Hammer(2pcs)	1set
▲	11	NC-4217R11	Hammer Cage	1
★	12	NC-4217R12	Washer	1
●	13	NC-4217S13	Motor Clamp Washer(2pcs)	1set
●	14	NC-4217R14	Cylinder Dowel	1
▲	15	NC-4217R15	Ball Bearing	1
▲	16	NC-4217R16	Front End Plate	1
★	17	NC-4217R17	Cylinder	1
★	18	NC-4217R18	Rotor	1
●	19	NC-4217S19	Rotor Balde(6pcs)	1set
★	20	NC-4217R20	Rear End Plate	1
★	21	NC-4217R21	Ball Bearing	1
▲	22	NC-4217R22	Retainer	1
●	23	NC-4217R23	Rear Gasket	1
★	24	NC-4217R24	Motor Housing	1
★	25	NC-4217R25	Screw	1
★	26	NC-4217R26	Speed Regulator	1
★	28	NC-4217R28	Reverse Valve Bushing	1
▲	29	NC-4217S29	O-Ring(2pcs)	1set
★	30	NC-4217R30	Reverse Valve Knob	1
★	31	NC-4217R31	Spring	1
★	32	NC-4217R32	Steel Ball	1
★	33	NC-4217R33	Trigger	1
★	34	NC-4217R34	Trigger Retainer	1
★	35	NC-4217R35	Throttle Valve Seat	1
★	36	NC-4217R36	Valve Stem	1
★	37	NC-4217R37	Conical Spring	1
★	38	NC-4217R38	Exhaust Deflector	1
★	39	NC-4217R39	Air Inlet Bushing	1
●		NC-4217S08	Anvil Ass'y (06,07,08)	1set
●	40	NC-4217R40	Rubber Grip	1



1/2" Air Impact Wrench

Item No : NC-4230Q NC-4240Q

● The consumable parts ▲ The replacement parts ★ The non-replacement parts



Part List

Twin Hammer Type



NC-4230Q NC-4240Q

No	Part No	Description	Q'ty
★ 1	NC-4230T01	Cap Bolt (8pcs)	1 Set
★ 2	---	Clutch Housing	1
★ 3	---	Anvil Bushing	1
● 4	NC-4230P04	O-Ring	1
● 5	---	Retainer Ring	1
● 6	---	Retainer O-Ring	1
● 7	---	Anvil	1
▲ 8	NC-4230T08	Hammer Pin (2pcs)	1 Set
▲ 9	NC-4230P09	Hammer Cage	1
▲ 10	NC-4230T10	Hammer Dog (2pcs)	1 Set
★ 11	NC-4230P11	Motor Housing	1
★ 12	NC-4230P12	Trigger	1
★ 13	NC-4230P13	Trigger Retainer	1
★ 14	NC-4230P14	Screw	1
★ 15	NC-4230P15	Throttle Bushing	1
★ 16	NC-4230P16	Valve Stem	1
★ 17	NC-4230P17	Spring	1
★ 18	NC-4230P18	Exhaust Deflector	1
★ 19	NC-4230P19	Air Inlet Bushing	1
▲ 20	NC-4230P20	Ball Bearing	1

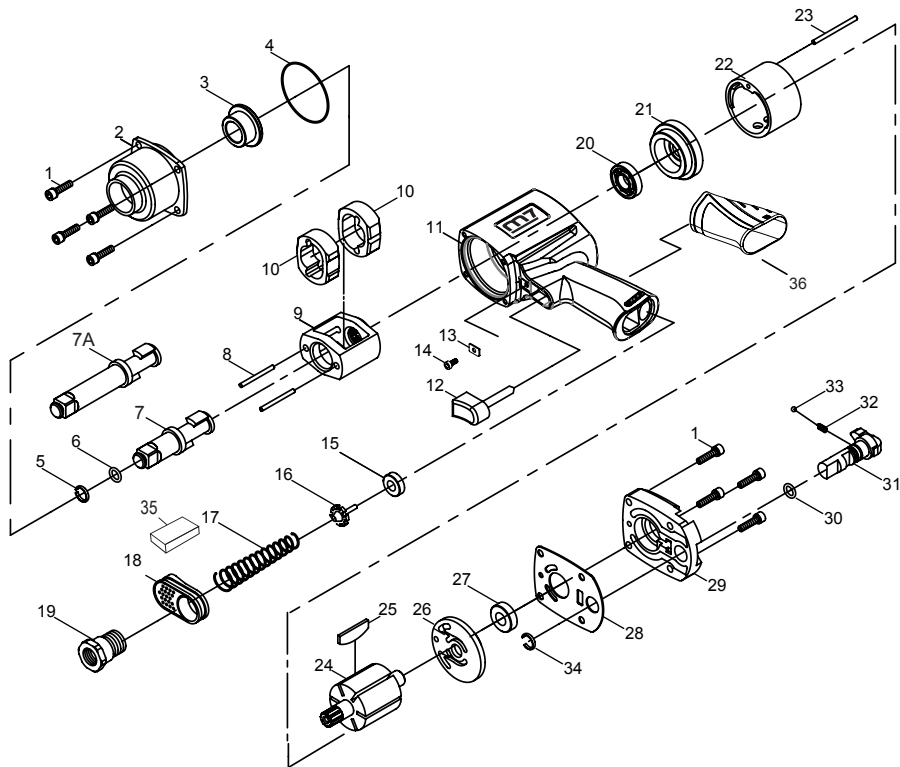
No	Part No	Description	Q'ty
▲ 21	NC-4230P21	Front End Plate	1
★ 22	NC-4230P22	Cylinder	1
★ 23	NC-4230P23	Cylinder Pin	1
▲ 24	NC-4230P24	Rotor	1
● 25	NC-4230T25	Rotor Blade (6pcs)	1 Set
▲ 26	NC-4230P26	Rear Plate	1
▲ 27	NC-4230P27	Ball Bearing	1
● 28	NC-4230P28	Gasket	1
★ 29	NC-4230P29	Rear Cover	1
● 30	NC-4230P30	O-Ring	1
★ 31	NC-4230P31	Reverse Valve	1
★ 32	NC-4230P32	Spring	1
★ 33	NC-4230P33	Steel Ball	1
★ 34	NC-4230P34	Retainer	1
● 35	NC-4230P35	Muffler Element (for 4230Q)	1 pc
● 36	NC-4230P36	Grip	1
★	NC-4230T02	Clutch Housing Ass'y (02.03)	1 Set
●	NC-4230T07	Anvil Ass'y (05.06.07)	1 Set
●	NC-4230T07A	2" Anvil Ass'y (05.06.07A) (NC-4240)	1 Set



1/2" Air Impact Wrench

Item No : NC-4236Q NC-4246Q

● The consumable parts ▲ The replacement parts ★ The non-replacement parts



Part List

Twin Hammer Type

NC-4236Q NC-4246Q



	NO.	INDEX NO.	DESCRIPTION	Q'TY
★	01	NC-4236T01	Cap Bolt (8pcs)	1set
★	02	-	Clutch Housing	1
★	03	-	Anvil Bushing	1
●	04	NC-4236P04	O-Ring	1
●	05	-	Retainer Ring	1
●	06	-	Retainer O-Ring	1
●	07	-	Anvil	1
▲	08	NC-4236T08	Hammer Pin (2pcs)	1set
▲	09	NC-4236P09	Hammer Cage	1
▲	10	NC-4236T10	Hammer Dog (2pcs)	1set
★	11	NC-4236P11	Motor Housing	1
★	12	NC-4236P12	Trigger	1
★	13	NC-4236P13	Trigger Retainer	1
★	14	NC-4236P14	Screw	1
▲	15	NC-4236P15	Throttle Bushing	1
▲	16	NC-4236P16	Valve Stem	1
★	17	NC-4236P17	Spring	1
★	18	NC-4236P18	Exhaust Deflector	1
★	19	NC-4236P19	Air Inlet Bushing	1
▲	20	NC-4236P20	Ball Bearing	1
★	21	NC-4236P21	Front End Plate	1
★	22	NC-4236P22	Cylinder	1
★	23	NC-4236P23	Cylinder Pin	1
▲	24	NC-4236P24	Rotor	1
●	25	NC-4236T25	Rotor Blade (6pcs)	1set
★	26	NC-4236P26	Rear Plate	1
▲	27	NC-4236P27	Ball Bearing	1
●	28	NC-4236P28	Gasket	1

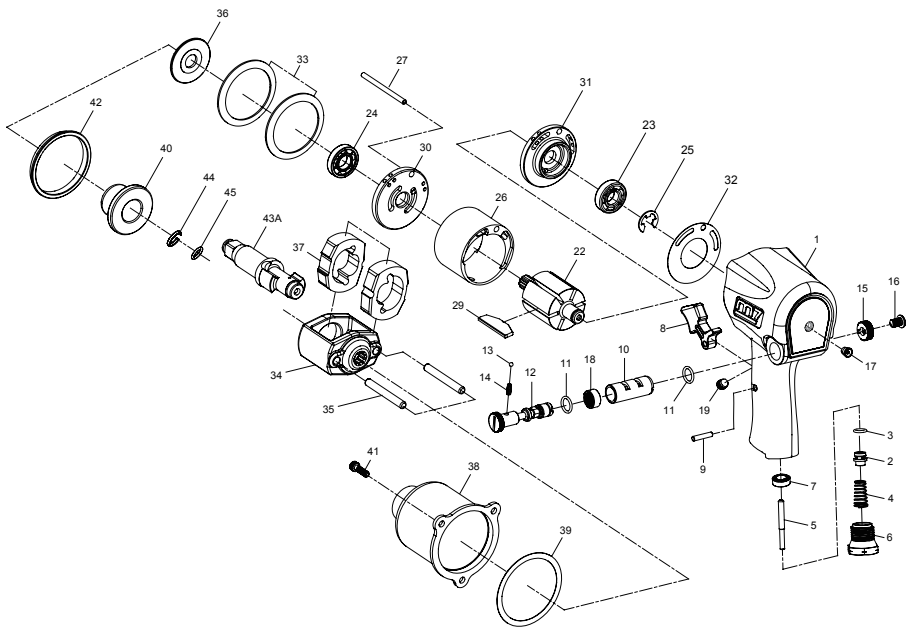
	NO.	INDEX NO.	DESCRIPTION	Q'TY
★	29	NC-4236P29	Rear Cover	1
●	30	NC-4236P30	O-Ring	1
★	31	NC-4236P31	Reverse Valve	1
★	32	NC-4236P32	Spring	1
★	33	NC-4236P33	Steel Ball	1
★	34	NC-4236P34	Retainer	1
●	35	NC-4236P35	Muffler Element (4236Q)	1pc
●	36	NC-4236P36	Grip	1
★		NC-4236T02	Clutch Housing Assembly (02.03)	1set
●		NC-4236T07	Anvil Assembly (05.06.07)	1set
●		NC-4236T07A	2"Anvil Assembly (05.06.07A)(NC-4246)	1set



1/2" Air Impact Wrench

Item No : NC-4258

● The consumable parts ▲ The replacement parts ★ The non-replacement parts



Part List

Twin Hammer Type



NC-4258

	NO.	PART NO.	DESCRIPTION	Q'ty
★	1	---	Housing	1
★	2	NC-4258P02	Throttle Valve	1
▲	3	NC-4258P03	O-Ring	1
★	4	NC-4258P04	Spring	1
★	5	NC-4258P05	Throttle Valve Plunger	1
★	6	NC-4258P06	Air Inlet	1
★	7	---	Throttle Valve Seat	1
★	8	NC-4258P08	Trigger	1
★	9	NC-4258P09	Trigger Pin	1
★	10	---	Reverse Valve Bushing	1
▲	11	NC-4258T11	O-Ring (2PCS)	1 set
★	12	NC-4258P12	Reverse Valve	1
★	13	NC-4258P13	Steel Ball	1
★	14	NC-4258P14	Spring	1
★	15	NC-4258P15	Reverse Valve Knob	1
★	16	NC-4258P16	Screw	1
★	17	---	Grease Fitting	1
★	18	---	Reverse Valve Bushing Gear	1
★	19	---	Set Screw	1
★	22	NC-4258P22	Rotor	1
▲	23	NC-4258P23	Ball Bearing	1
▲	24	NC-4258P24	Ball Bearing	1

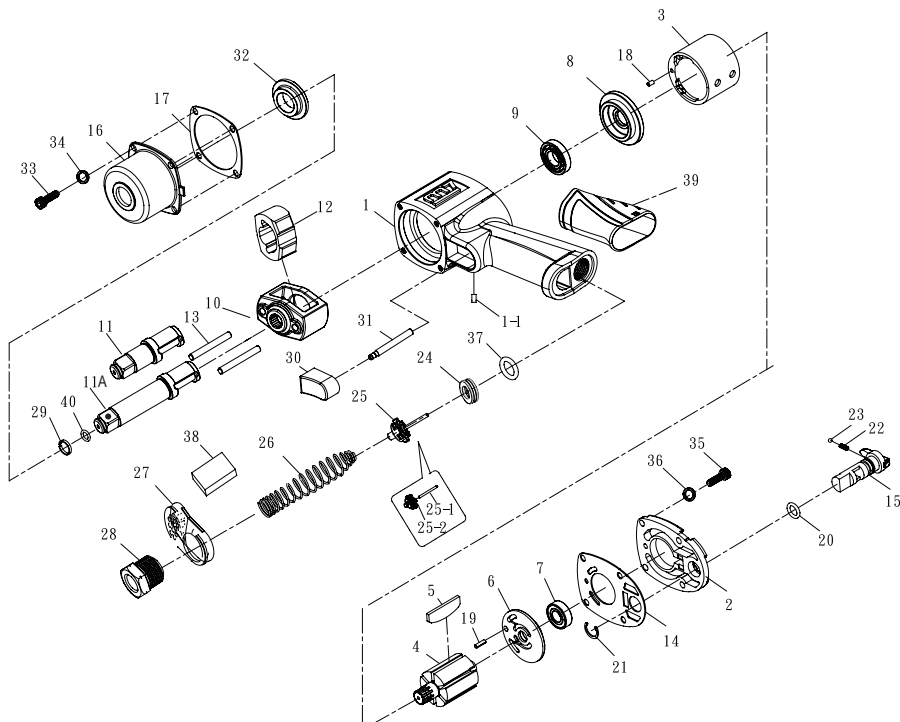
	NO.	PART NO.	DESCRIPTION	Q'ty
▲	25	NC-4258P25	Retainer	1
★	26	NC-4258P26	Cylinder	1
★	27	NC-4258P27	Cylinder Dowel	1
●	29	NC-4258T29	Rotor Blade (6PCS)	1 set
▲	30	NC-4258P30	Front End Plate	1
▲	31	NC-4258P31	Rear End Plate	1
●	32	NC-4258P32	Gasket	1
★	33	NC-4258T33	Motor Clamp Washer (2PCS)	1 set
▲	34	NC-4258P34	Hammer Frame	1
▲	35	NC-4258T35	Hammer Pin (2PCS)	1 set
★	36	NC-4258P36	Washer	1
▲	37	NC-4258T37	Hammer (2PCS)	1 set
★	38	NC-4258P38	Hammer Case	1
●	39	NC-4258P39	Gasket	1
★	40	NC-4258P40	Bushing	1
★	41	NC-4258T41	Screw (3PCS)	1 set
★	42	NC-4258P42	Separator	1
●	43A	---	Standard Anvil (for NC-4258)	1
●	44	---	Socket Retainer	1
●	45	---	O-Ring	1
★		NC-4258T01	Housing Assembly (1,7,10,17,18,19)	1 set
●		NC-4258T43A	Standard Anvil Ass'y (43A, 44, 45)	1 set



1/2" Air Impact Wrench

Item No : NC-4610Q \ NC-4620Q

● The consumable parts ▲ The replacement parts ★ The non-replacement parts



Part List

Jumbo Hammer Type

NC-4610Q\ NC-4620Q



	NO.	PART NO.	DESCRIPTION	Q'ty
★	1	NC-4610T01	Housing Ass'y (1, 1-1)	1set
★	1-1	---	Screw	1
★	2	NC-4610P02	Backhead	1
★	3	NC-4610P03	Cylinder	1
★	4	NC-4610P04	Rotor	1
●	5	NC-4610T05	Rotor Blade (6pcs)	1set
▲	6	NC-4610P06	Rear End Plate	1
▲	7	NC-4610P07	Ball Bearing	1
▲	8	NC-4610P08	Front End Plate	1
▲	9	NC-4610P09	Ball Bearing	1
▲	10	NC-4610P10	Hammer Frame	1
●	11	NC-4610T11	Standard Anvil Ass'y (11, 29, 40)	1set
●	11A	NC-4620HT11A	2" Ext. Anvil Ass'y (11A, 29, 40)	1 set
●	12	NC-4610P12	Hammer	1
▲	13	NC-4610T13	Hammer Pin (2 pcs)	1set
●	14	NC-4610P14	Gasket	1
★	15	NC-4610P15	Reverse Valve	1
★	16	NC-4610P16	Hammer Case	1
●	17	NC-4610P17	Gasket	1
★	18	NC-4610P18	Spring Pin	1
★	19	NC-4610P19	Spring Pin	1
★	20	NC-4610P20	O-Ring	1
★	21	NC-4610P21	Retainer	1

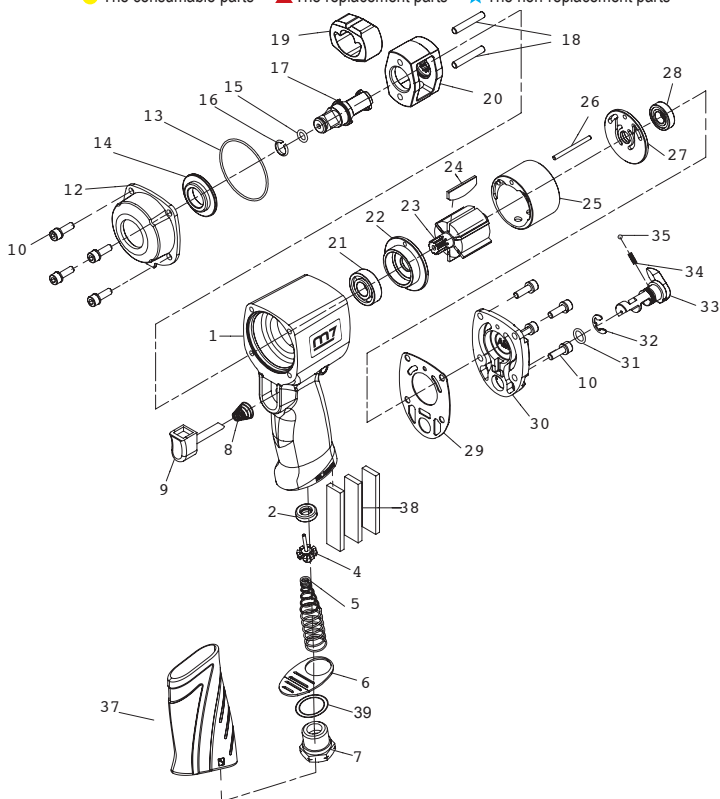
	NO.	PART NO.	DESCRIPTION	Q'ty
★	22	NC-4610P22	Spring	1
★	23	NC-4610P23	Steel Ball	1
★	24	NC-4610P24	Throttle Valve Seat	1
★	25	NC-4610T25	Throttle Valve Assembly (25-1, 25-2)	1set
★	25-1	---	Throttle Valve Pin	1
★	25-2	---	Throttle Valve	1
★	26	NC-4610P26	Spring	1
★	27	NC-4610P27	Exhaust Deflector	1
★	28	NC-4610P28	Air Inlet	1
●	29	---	Socket Retainer	1
★	30	NC-4610P30	Trigger	1
★	31	NC-4610P31	Trigger Pin	1
★	32	NC-4610P32	Bushing	1
★	33	NC-4610T33	Screw (4pcs)	1set
★	34	NC-4610T34	Washer (4pcs)	1set
★	35	NC-4610T35	Screw (4pcs)	1set
★	36	NC-4610T36	Washer (4pcs)	1set
▲	37	NC-4610P37	O-Ring	1
●	38	NC-4610T38	Muffler Element (3 pcs)	1set
●	39	NC-4610P39	Rubber Grip	1
●	40	---	O-Ring	1



1/2" Air Impact Wrench

Item No : NC-4611Q

● The consumable parts ▲ The replacement parts ★ The non-replacement parts



Part List

Jumbo Hammer Type

NC-4611Q



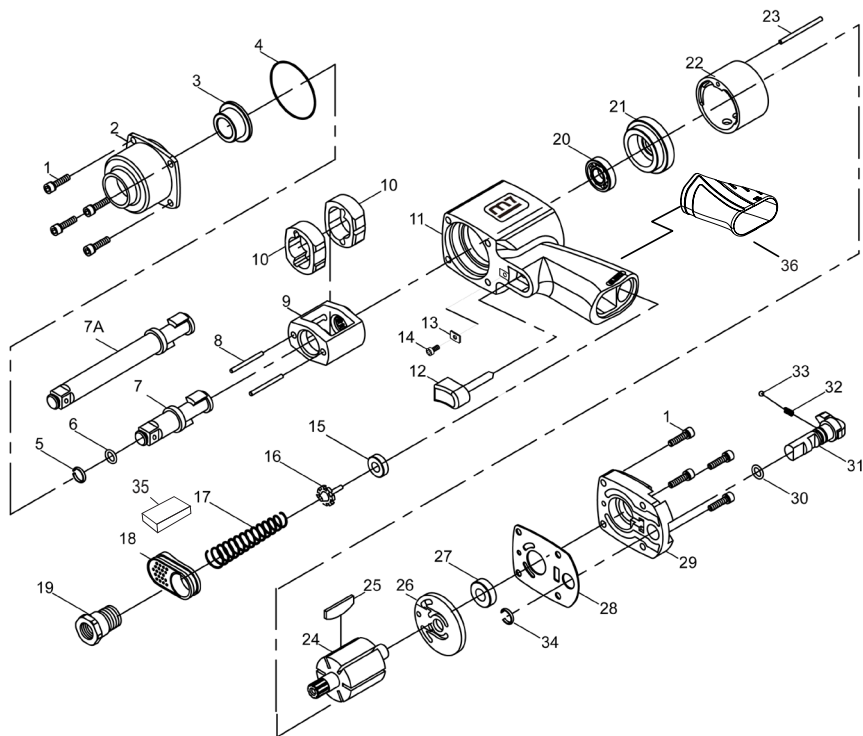
	NO.	INDEX NO.	DESCRIPTION	Q'TY
★	1	NC-4611P01	Motor Housing	1
★	2	NC-4611P02	Throttle Valve Seal	1
★	4	NC-4611P04	Throttle Valve Stem	1
★	5	NC-4611P05	Spring	1
★	6	NC-4611P06	Exhaust Deflector	1
★	7	NC-4611P07	Air Inlet Bushing	1
★	8	NC-4611P08	Spring	1
★	9	NC-4611P09	Trigger	1
★	10	NC-4611T10	Screw (8pcs)	1 set
★	12	NC-4611T12	Hammer Case Assembly (12.14)	1 set
●	13	NC-4611P13	O-Ring	1
★	14	-	Bushing	1
●	15	NC-4611P15	O-Ring	1
●	16	NC-4611P16	Retaining Ring	1
●	17	NC-4611T17	Anvil Assembly (15.16.17)	1 set
▲	18	NC-4611T18	Hammer Pin (2pcs)	1 set
▲	19	NC-4611P19	Hammer	1
▲	20	NC-4611P20	Hammer Cage	1
▲	21	NC-4611P21	Ball Bearing	1
★	22	NC-4611P22	Front Plate	1
★	23	NC-4611P23	Rotor	1
●	24	NC-4611T24	Rotor Blade (6pcs)	1 set
★	25	NC-4611P25	Cylinder	1
★	26	NC-4611P26	Cylinder Pin	1
★	27	NC-4611P27	Rear Plate	1
▲	28	NC-4611P28	Ball Bearing	1
●	29	NC-4611P29	Gasket	1
★	30	NC-4611P30	Rear Cover	1
●	31	NC-4611P31	O-Ring	1
★	32	NC-4611P32	E-Retaining Ring	1
★	33	NC-4611P33	Reverse Valve	1
★	34	NC-4611P34	Spring	1
★	35	NC-4611P35	Steel Ball	1
●	37	NC-4611P37	Rubber Grip	1
●	38	NC-4611T38	Muffler (3pcs)	1 set
★	39	NC-4611P39	Washer	1



3/4" Air Impact Wrench

Item No : NC-6210Q NC-6220Q

● The consumable parts ▲ The replacement parts ★ The non-replacement parts



Part List

Twin Hammer Type



NC-6210Q NC-6220Q

	No	Part No	Description	Q'ty
★	1	NC-6210T01	Cap Bolt (8pcs)	1set
★	2	---	Clutch Housing	1
★	3	---	Anvil Bushing	1
●	4	NC-6210P04	O-Ring	1
●	5	---	Retainer Ring	1
●	6	---	Retainer O-Ring	1
●	7	---	Anvil	1
▲	8	NC-6210T08	Hammer Pin (2pcs)	1set
▲	9	NC-6210P09	Hammer Cage	1
▲	10	NC-6210T10	Hammer Dog (2pcs)	1set
▲	11	NC-6210P11	Motor Housing	1
★	12	NC-6210P12	Trigger	1
★	13	NC-6210P13	Trigger Retainer	1
★	14	NC-6210P14	Screw	1
★	15	NC-6210P15	Throttle Bushing	1
★	16	NC-6210P16	Valve Stem	1
★	17	NC-6210P17	Spring	1
★	18	NC-6210P18	Exhaust Deflector	1
★	19	NC-6210P19	Air Inlet Bushing	1
★	20	NC-6210P20	Ball Bearing	1
▲	21	NC-6210P21	Front End Plate	1
▲	22	NC-6210P22	Cylinder	1

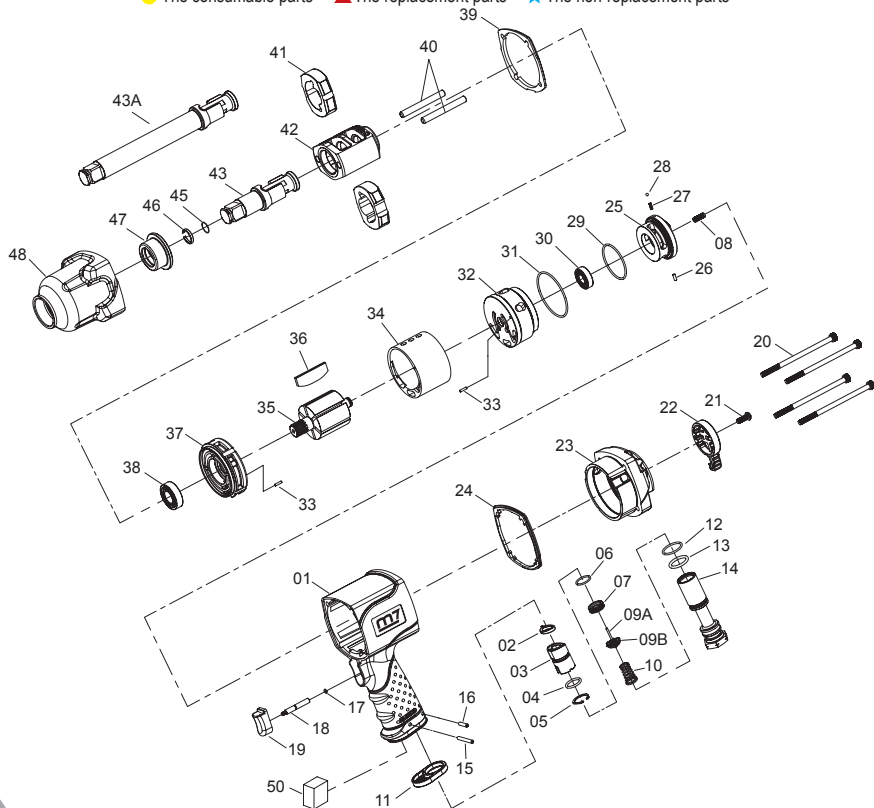
	No	Part No	Description	Q'ty
★	23	NC-6210P23	Cylinder Pin	1
★	24	NC-6210P24	Rotor	1
▲	25	NC-6210T25	Rotor Blade (6pcs)	1set
●	26	NC-6210P26	Rear Plate	1
▲	27	NC-6210P27	Ball Bearing	1
▲	28	NC-6210P28	Gasket	1
●	29	NC-6210P29	Rear Cover	1
★	30	NC-6210P30	O-Ring	1
●	31	NC-6210P31	Reverse Valve	1
★	32	NC-6210P32	Spring	1
★	33	NC-6210P33	Steel Ball	1
★	34	NC-6210P34	Retainer	1
★	35	NC-6210P35	Muffler Element (NC-6210Q)	1pc
●	36	NC-6210P36	Grip	1
★		NC-6210T02	Clutch Housing Ass'y (02.03)	1set
●		NC-6210T07	Anvil Ass'y (05.06.07)	1set
●		NC-6210T07A	6" Anvil Ass'y (05.06.07A) (NC-6220)	1set



3/4" Air Impact Wrench

Item No : NC-6216 NC-6226

● The consumable parts ▲ The replacement parts ★ The non-replacement parts



Part List

New Twin Hammer Type

NC-6216 NC-6226



	No	Part No	Description	Q'ty
★	01	---	Motor Housing	1
★	02	---	O-Ring	1
★	03	---	Guide Tube	1
★	04	NC-6216P04	O-Ring	1
★	05	NC-6216P05	Retainer	1
★	06	NC-6216P06	O-Ring	1
★	07	NC-6216P07	Throttle Valve Seal	1
★	08	---	Heli Coil	1
★	09A	---	Throttle Valve Pin	1
★	09B	---	Throttle Valve	1
★	10	NC-6216P10	Spring	1
★	11	NC-6216P11	Exhaust Deflector	1
★	12	NC-6216P12	O-Ring	1
★	13	NC-6216P13	O-Ring	1
★	14	NC-6216P14	Air Inlet	1
★	15	NC-6216P15	Spring Pin	1
★	16	NC-6216P16	Spring Pin	1
★	17	NC-6216P17	O-Ring	1
★	18	---	Trigger Pin	1
★	19	---	Trigger	1
★	20	NC-6216T20	Screw (4pcs)	1set
★	21	NC-6216P21	Screw	1
★	22	NC-6216P22	Reverse Valve Knob	1
★	23	---	Rear Cover	1
●	24	NC-6216P24	Rear Gasket	1
★	25	---	Reverse Valve	1
★	26	---	Spring Pin	1
★	27	---	Spring	1
★	28	---	Steel Ball	1

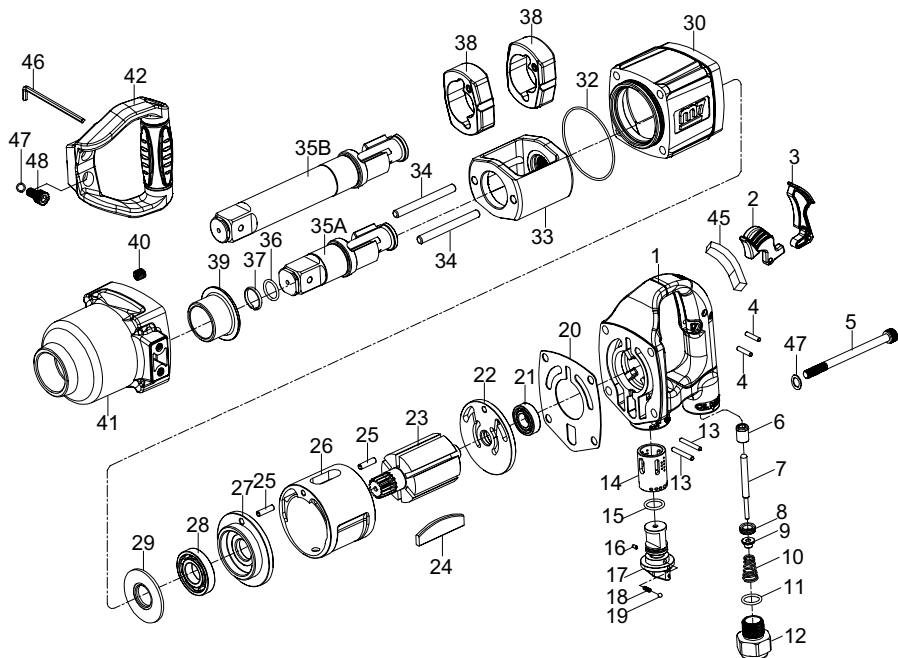
	No	Part No	Description	Q'ty
★	29	---	O-Ring	1
★	30	---	Ball Bearing	1
★	31	---	O-Ring	1
★	32	---	Rear End Plate	1
★	33	NC-6216T33	Spring Pin (2pcs)	1set
★	34	NC-6216P34	Cylinder	1
★	35	NC-6216P35	Rotor	1
●	36	NC-6216T36	Rotor Blade (6pcs)	1set
★	37	NC-6216P37	Front End Plate	1
★	38	NC-6216P38	Ball Bearing	1
●	39	NC-6216P39	Front Gasket	1
▲	40	NC-6216T40	Hammer Pin (2pcs)	1set
▲	41	NC-6216T41	Hammer (2pcs)	1set
▲	42	NC-6216P42	Hammer Cage	1
●	43	---	Anvil	1
●	43A	---	6" Extend Anvil	1
●	45	---	O-Ring	1
●	46	---	Socket Retainer	1
★	47	---	Bushing	1
★	48	---	Hammer Case	1
●	50	NC-6216P50	Muffler Element	1
★		NC-6216T01	Motor Housing Ass'y (01.02.03)	1set
★		NC-6216T02	Throttle Valve Ass'y (09A.09B)	1set
★		NC-6216T03	Trigger Ass'y (18.19)	1set
★		NC-6216T04	Rear End Plate Ass'y (08.23.25~32)	1set
★		NC-6216T05	Hammer Case Ass'y (47.48)	1set
●		NC-6216T43	Anvil Ass'y (43.45.46)	1set
●		NC-6216T43A	6" Extend Anvil Ass'y (43A.45.46) (NC-6226)	1set



3/4" Air Impact Wrench

Item No : NC-6218 NC-6228

● The consumable parts ▲ The replacement parts ★ The non-replacement parts



Part List

Twin Hammer Type

NC-6218 NC-6228



	NO.	PART NO.	DESCRIPTION	Q'TY
★	1	NC-6218T01	Backhead Assembly (01.06.14)	1 Set
★	2	NC-6218P02	Inside Trigger	1
★	3	NC-6218P03	Outside Trigger	1
★	4	NC-6218T04	Pin (2 PCS)	1 Set
★	5	NC-6218T05	Screw (4 PCS)	1 Set
★	6	---	Bushing	1
★	7	NC-6218P07	Throttle Valve Plunger	1
★	8	NC-6218P08	Throttle Valve Seat	1
★	9	NC-6218P09	Throttle Valve	1
★	10	NC-6218P10	Spring	1
●	11	NC-6218P11	O-Ring	1
★	12	NC-6218P12	Air Inlet	1
★	13	NC-6218T13	Spring Pin (2 PCS)	1 Set
★	14	---	Reverse Valve Bushing	1
●	15	NC-6218P15	O-Ring	1
★	16	NC-6218T16	Spring Pin (2 PCS)	1 Set
★	17	NC-6218P17	Reverse Valve	1
★	18	NC-6218P18	Spring	1
★	19	NC-6218P19	Steel Ball	1
●	20	NC-6218P20	Gasket	1
▲	21	NC-6218P21	Ball Bearing	1
▲	22	NC-6218P22	Rear End Plate	1
▲	23	NC-6218P23	Rotor	1

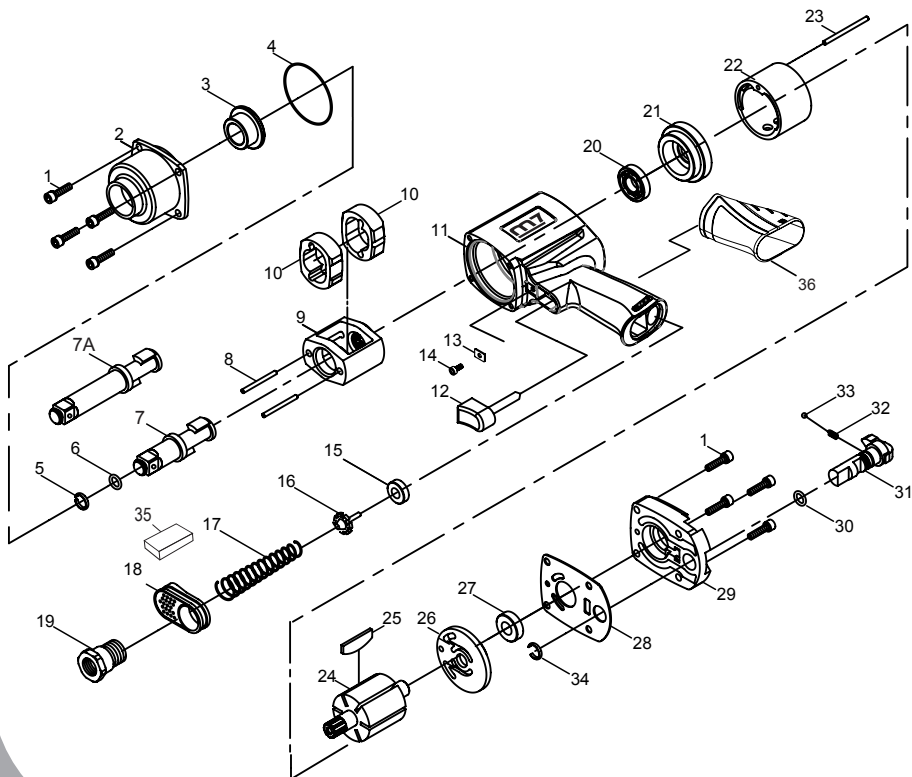
	NO.	PART NO.	DESCRIPTION	Q'TY
●	24	NC-6218T24	Rotor Blade (6 PCS)	1 Set
★	25	NC-6218T25	Spring Pin (2 PCS)	1 Set
★	26	NC-6218P26	Cylinder	1
▲	27	NC-6218P27	Front End Plate	1
▲	28	NC-6218P28	Ball Bearing	1
★	29	NC-6218P29	Washer	1
★	30	NC-6218P30	Housing	1
●	32	NC-6218P32	O-Ring	1
▲	33	NC-6218P33	Hammer Frame	1
▲	34	NC-6218T34	Hammer Pin (2 PCS)	1 Set
●	35A	NC-6218T35A	Standard Anvil (35A.36.37)	1 Set
●	35B	NC-6218T35B	6" Extend Anvil (35B.36.37)	1 Set
●	36	---	O-Ring	1
●	37	---	Socket Retainer	1
▲	38	NC-6218T38	Hammer (2 PCS)	1 Set
★	39	NC-6218P39	Bushing	1
★	40	---	Heli-Coil (4 PCS)	1 Set
★	41	NC-6218T41	Hammer Case Ass'y (40.41)	1 Set
★	42	NC-6218P42	Side Spade Handle	1
●	45	NC-6218P45	Rubber Cap (for inside Trigger)	1
★	46	NC-6218P46	Hex Key Wrench	1
★	47	NC-6218T47	Washer (6 PCS)	1 Set
★	48	NC-6218T48	Screw (2 PCS)	1 Set



3/4" Air Impact Wrench

Item No : NC-6236Q NC-6246Q

● The consumable parts ▲ The replacement parts ★ The non-replacement parts



Part List

Twin Hammer Type

NC-6236Q NC-6246Q



	NO.	INDEX NO.	DESCRIPTION	Q'TY
★	01	NC-6236T01	Cap Bolt (8pcs)	1set
★	02	-	Clutch Housing	1
★	03	-	Anvil Bushing	1
★	04	NC-6236P04	O-Ring	1
●	05	-	Retainer Ring	1
●	06	-	Retainer O-Ring	1
●	07	-	Anvil	1
▲	08	NC-6236T08	Hammer Pin (2pcs)	1set
▲	09	NC-6236P09	Hammer Cage	1
▲	10	NC-6236T10	Hammer Dog (2pcs)	1set
★	11	NC-6236P11	Motor Housing	1
★	12	NC-6236P12	Trigger	1
★	13	NC-6236P13	Trigger Retainer	1
★	14	NC-6236P14	Screw	1
★	15	NC-6236P15	Throttle Bushing	1
★	16	NC-6236P16	Valve Stem	1
★	17	NC-6236P17	Spring	1
★	18	NC-6236P18	Exhaust Deflector	1
★	19	NC-6236P19	Air Inlet Bushing	1
▲	20	NC-6236P20	Ball Bearing	1
▲	21	NC-6236P21	Front End Plate	1
★	22	NC-6236P22	Cylinder	1
★	23	NC-6236P23	Cylinder Pin	1
▲	24	NC-6236P24	Rotor	1
●	25	NC-6236T25	Rotor Blade (6pcs)	1set
▲	26	NC-6236P26	Rear Plate	1

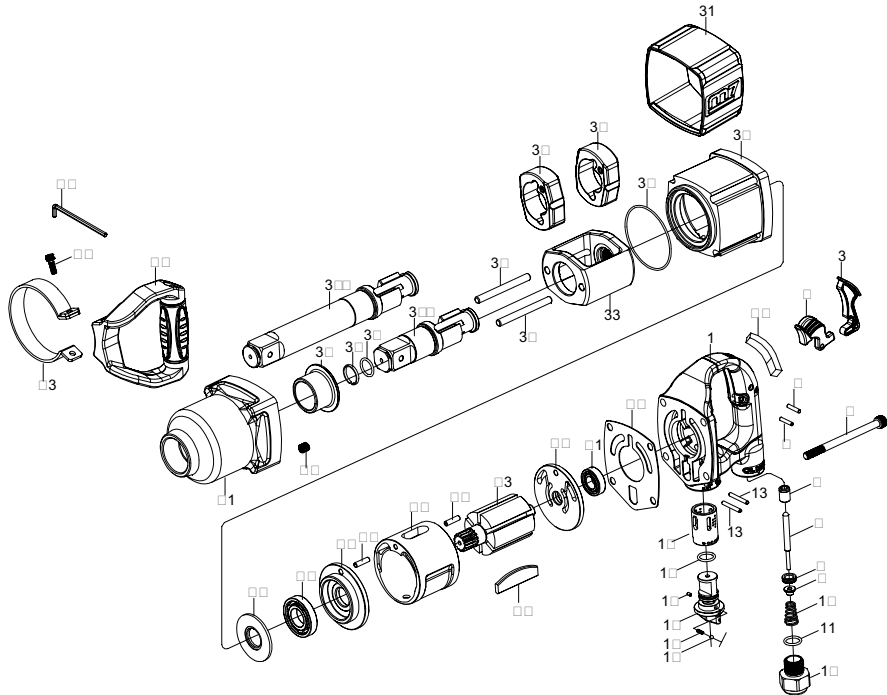
	NO.	INDEX NO.	DESCRIPTION	Q'TY
▲	27	NC-6236P27	Ball Bearing	1
●	28	NC-6236P28	Gasket	1
★	29	NC-6236P29	Rear Cover	1
●	30	NC-6236P30	O-Ring	1
★	31	NC-6236P31	Reverse Valve	1
★	32	NC-6236P32	Spring	1
★	33	NC-6236P33	Steel Ball	1
★	34	NC-6236P34	Retainer	1
●	35	NC-6236P35	Muffler Element (6236Q)	1pc
●	36	NC-6236P36	Grip	1
★		NC-6236T02	Clutch Housing Assembly (02.03)	1set
●		NC-6236T07	Anvil Assembly (05.06.07)	1set
●		NC-6236T07A	6"Anvil Assembly (05.06.07A)(NC-6246)	1set



1" Air Impact Wrench

Item No : NC-8216 NC-8226

● The consumable parts ▲ The replacement parts ★ The non-replacement parts



Part List

Twin Hammer Type

NC-8216 NC-8226



	NO.	INDEX NO.	DESCRIPTION	Q'TY
★	1	NC-8216T01	Backhead Ass'y (1,6,14)	1set
★	2	NC-8216P02	Inside Trigger	1
★	3	NC-8216P03	Outside Trigger	1
★	4	NC-8216T04	Pin (2 PCS)	1set
★	5	NC-8216T05	Screw (4 PCS)	1set
★	6	—	Bushing	1
★	7	NC-8216P07	Throttle Valve Plunger	1
▲	8	NC-8216P08	Throttle Valve Seat	1
▲	9	NC-8216P09	Throttle Valve	1
▲	10	NC-8216P10	Spring	1
●	11	NC-8216P11	O-Ring	1
★	12	NC-8216P12	Air Inlet	1
★	13	NC-8216T13	Spring Pin (2 PCS)	1set
★	14	—	Reverse Valve Bushing	1
●	15	NC-8216P15	O-Ring	1
★	16	NC-8216T16	Spring Pin (2 PCS)	1set
★	17	NC-8216P17	Reverse Valve	1
★	18	NC-8216P18	Steel Ball	1
★	19	NC-8216P19	Spring	1
●	20	NC-8216P20	Gasket	1
▲	21	NC-8216P21	Ball Bearing	1
▲	22	NC-8216P22	Rear End Plate	1
▲	23	NC-8216P23	Rotor	1
●	24	NC-8216T24	Rotor Blade (6 PCS)	1set

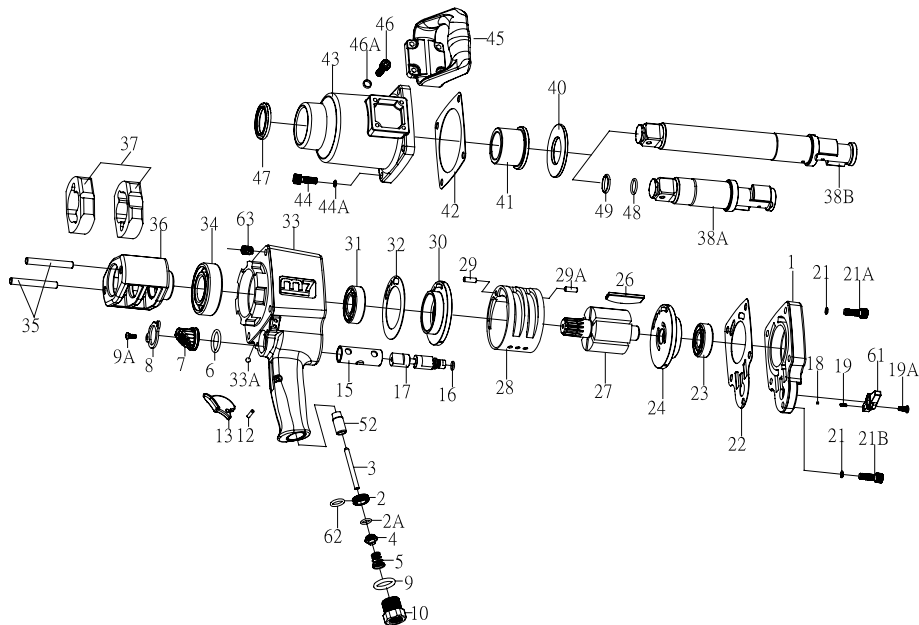
	NO.	INDEX NO.	DESCRIPTION	Q'TY
★	25	NC-8216T25	Spring Pin (2 PCS)	1set
★	26	NC-8216P26	Cylinder	1
▲	27	NC-8216P27	Front End Plate	1
▲	28	NC-8216P28	Ball Bearing	1
★	29	NC-8216P29	Washer	1
★	30	NC-8216P30	Housing	1
●	31	NC-8216P31	Rubber Grip	1
●	32	NC-8216P32	O-Ring	1
▲	33	NC-8216P33	Hammer Frame	1
▲	34	NC-8216T34	Hammer Pin (2 PCS)	1set
●	35A	—	Standard Anvil Ass'y	1
●	35B	—	6" Extended Anvil for NC-8226	1
●	36	—	O-Ring	1
●	37	—	Socket Retainer	1
▲	38	NC-8216T38	Hammer (2 PCS)	1set
★	39	—	Bushing	1
★	40	—	Heli-Coil (4 PCS)	1set
★	41	NC-8216T41	Hammer Case Ass'y (39,40,41)	1set
★	42	NC-8216T42	Side Spade Handle Ass'y (42,43)	1set
★	43	—	Strap	1
★	44	NC-8216T44	Screw (2 PCS)	1set
●	45	NC-8216P45	Rubber Cap (for Inside Trigger)	1
★	46	NC-8216P46	setHex Key Wrench	1
●		NC-8216T02	Standard Anvil Ass'y(35A,36,37)	1set
●		NC-8216T03	6"Extended Anvil Ass'y (35B,36,37) for NC-8226	1set



1" Air Impact Wrench

Item No : NC-8219

● The consumable parts ▲ The replacement parts ★ The non-replacement parts



Part List

New Twin Hammer Type

NC-8219



	NO.	INDEX NO.	DESCRIPTION	Q'ty
★	1	NC-8219P01	Backhead	1
★	2	NC-8219P02	Throttle Valve Seat	1
▲	2A	NC-8219P02A	O-Ring	1
★	3	NC-8219P03	Throttle Valve Plunger	1
★	4	NC-8219P04	Throttle Valve	1
★	5	NC-8219P05	Spring	1
★	6	NC-8219P06	O-Ring	1
★	7	NC-8219P07	Exhaust Deflector	1
★	8	NC-8219P08	Retainer	1
★	9	NC-8219P09	O-Ring	1
★	9A	NC-8219T09A	Screw (2 pcs)	1set
★	10	NC-8219P10	Air Inlet	1
★	12	NC-8219P12	Trigger Pin	1
★	13	NC-8219P13	Trigger	1
★	15	---	Reverse Valve Bushing	1
★	16	NC-8219P16	O-Ring	1
★	17	NC-8219P17	Reverse Valve	1
★	18	NC-8219P18	Steel Ball	1
★	19	NC-8219P19	Spring	1
★	19A	NC-8219P19A	Screw	1
★	21	---	Spring Washer (4 pcs)	1set
★	21A	NC-8219T21A	Screw Assembly (4pcs)(21A,21)	1set
★	21B	NC-8219T21B	Screw Assembly (21B,21)	1set
●	22	NC-8219P22	Gasket	1
▲	23	---	Ball Bearing	1
▲	24	NC-8219T24	Rear End Plate Assembly (23,24)	1set
●	26	NC-8219T26	Rotor Blade (6pcs)	1set
★	27	NC-8219P27	Rotor	1
★	28	NC-8219P28	Cylinder	1
★	29	NC-8219P29	Spring Pin	1

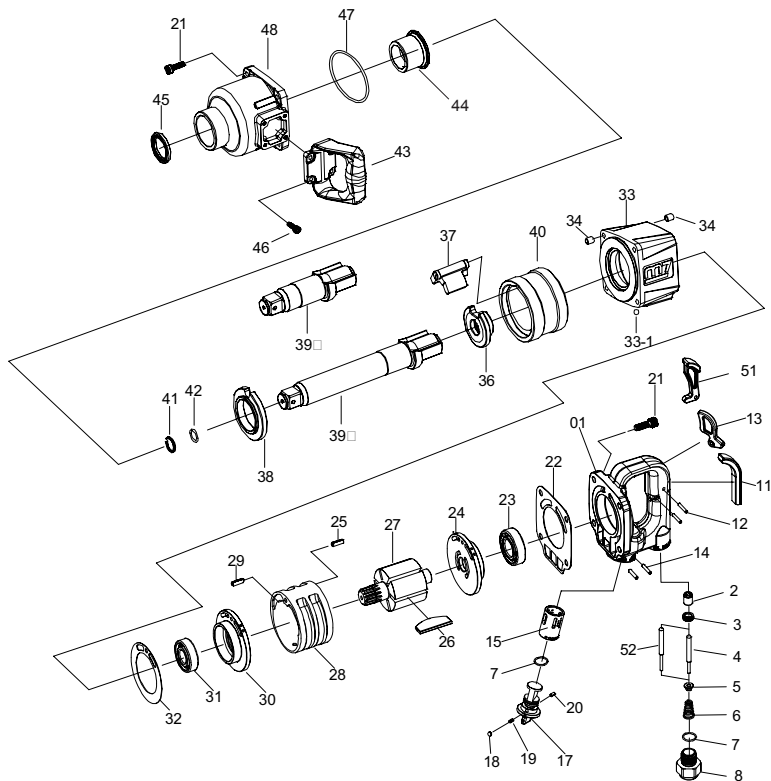
	NO.	INDEX NO.	DESCRIPTION	Q'ty
★	29A	NC-8219P29A	Spring Pin	1
▲	30	NC-8219T30	Front End Plate Assembly (30,31)	1set
▲	31	---	Ball Bearing	1
●	32	NC-8219P32	Gasket	1
★	33	NC-8219T33	Housing Assembly (15,33,33A,52,63)	1set
★	33A	---	Steel Ball (4pcs)	1set
▲	34	NC-8219P34	Ball Bearing	1
▲	35	NC-8219T35	Hammer Pin (2pcs)	1set
▲	36	NC-8219P36	Hammer Frame	1
●	37	NC-8219T37	Hammer (2pcs)	1set
●	38A	---	standard Anvil	1
●	38B	---	6" Anvil	1
★	40	NC-8219P40	Washer	1
★	41	NC-8219P41	Bushing	1
●	42	NC-8219P42	Gasket	1
★	43	NC-8219P43	Hammer Case	1
★	44	NC-8219T44	Screw Assembly (4pcs) (44,44A)	1set
★	44A	-	Spring Washer (4pcs)	1set
★	45	NC-8219P45	Side Spade Handle	1
★	46	NC-8219T46	Screw (4pcs) (46,46A)	1set
★	46A	---	Spring Washer (4pcs)	1set
★	47	NC-8219P47	Oil Seal	1
●	48	---	O-Ring	1
●	49	---	Socket Retainer	1
★	52	---	Bushing	1
★	61	NC-8219P61	Reverse Valve Knob	1
▲	62	NC-8219P62	O-Ring	1
★	63	---	Heli-Coil (9pcs)	1set
●		NC-8219T38A	Standard Anvil 38A,48,49	1set
●		NC-8219T38B	6"Anvil 38B,48,49	1set



1" Air Impact Wrench

Item No : NC-8311 NC-8351

● The consumable parts ▲ The replacement parts ★ The non-replacement parts



Part List

Pin Less Type

NC-8311 NC-8351



	NO.	PART NO.	DESCRIPTION	Q'ty
★	1	---	Backhead	1
★	2	---	Bushing	1
★	3	NC-8311P03	Throttle Valve Seat	1
★	4	NC-8311P04	Throttle Valve Plunger (For Inside Trigger)	1
★	5	NC-8311P05	Throttle Valve	1
★	6	NC-8311P06	Spring	1
▲	7	NC-8311T07	O-Ring (2 PCS)	1set
★	8	NC-8311P08	Straight Air Inlet	1
▲	11	NC-8311P11	Rubber Cap (For Inside Trigger)	1
★	12	NC-8311T12	Pin (2 PCS)	1set
★	13	NC-8311P13	Inside Trigger	1
★	14	NC-8311T14	Spring Pin (2 PCS)	1set
★	15	---	Reverse Valve Bushing	1
★	17	---	Reverse Valve	1
★	18	NC-8311P18	Steel Ball	1
★	19	NC-8311P19	Spring	1
★	20	---	Spring Pin	1
★	21	NC-8311T21	Screw (8 PCS)	1set
●	22	NC-8311P22	Gasket	1
▲	23	---	Ball Bearing	1
▲	24	---	Rear End Plate	1
★	25	NC-8311P25	Spring Pin	1
●	26	NC-8311T26	Rotor Blade (6 PCS)	1set
★	27	NC-8311P27	Rotor	1
★	28	NC-8311P28	Cylinder	1
★	29	NC-8311P29	Spring Pin	1
▲	30	---	Front End Plate	1
▲	31	---	Ball Bearing	1

	NO.	PART NO.	DESCRIPTION	Q'ty
●	32	NC-8311P32	Gasket	1
★	33	---	Housing	1
★	33-1	---	Steel Ball (4 PCS)	1set
★	34	---	Heli-Coil (8 PCS)	1set
●	36	NC-8311P36	Cam	1
●	37	NC-8311P37	Hammer	1
▲	38	NC-8311P38	Axle Bushing	1
●	39A	---	8" Extend Anvil for NC-8351	1
●	39B	---	Standard Anvil for NC-8311	1
▲	40	NC-8311P40	Hammer Frame	1
●	41	---	Socket Retainer	1
●	42	---	O-Ring	1
★	43	NC-8311P43	Side Spade Handle	1
★	44	NC-8311P44	Bushing	1
★	45	NC-8311P45	Oil Seal	1
★	46	NC-8311T46	Screw (4 PCS)	1set
▲	47	NC-8311P47	O-Ring	1
★	48	NC-8311P48	Hammer Case	1
★	51	NC-8311P51	Outside Trigger	1
★	52	NC-8311P52	Throttle Valve Plunger	1
★		NC-8311T01	Backhead Ass'y (1, 2, 15)	1set
★		NC-8311T02	Reverse Valve Ass'y (17, 20)	1set
▲		NC-8311T03	Rear End Plate Ass'y (23, 24)	1set
▲		NC-8311T04	Front End Plate Ass'y (30, 31)	1set
★		NC-8311T05	Housing Ass'y {33, 33-1(4), 34(8)}	1set
●		NC-8311T06A	8" Extend Anvil Ass'y (39A, 41, 42) (NC-8351)	1set
●		NC-8311T06B	Standard Anvil Ass'y (39B, 41, 42)	1set

Warranty Card

Mighty-Seven International Co., LTD., (M7), part of the global King Tony Tool Group, offers a 12 months limited warranty on all products sold in the US and Canada through King Tony America. The limited warranty applies to defects in material or workmanship within the first 12 months of ownership; it does not apply to products that have been abused, misused, modified, disassembled or repaired by someone other than an M7 authorized repair center.

King Tony America reserves the right to conduct an inspection of any tool returned for warranty consideration and will offer the owner of the tool a written evaluation if warranty is denied for any reason. Specific exclusions to this warranty include certain consumable (wear) items in every tool. All consumable items are clearly noted in the parts list for each tool contained in this catalog. Other specific exclusions include failure to properly oil the tool prior to use and using excessive air pressure to operate the tool. All implied warranties, including but not limited to the implied warranties of merchantability or fitness for a particular purpose are also specifically excluded.

In no event shall King Tony America be liable for consequential, incidental, or specific damages resulting from or in any manner related to the product, its design, use or any inability use the same. The sole and exclusive remedy with respect to a defective product shall be the repair, or replacement of the tool.

For assistance with a warranty claim or for the name of the M7 authorized warranty repair center nearest you please email: sales@kingtonyamerica.com; or call King Tony America at +1 561.699.3190 between the hours of 8AM and 5PM, Pacific Time.

Date of Purchase	Model No
Warranty Expiration Date	Serial No
Distributor Stamp 	



For Distributor

Warranty Card

Date of Purchase :	Model No. :										
Warranty Expiration Date :	Serial No. :										
Name :											
Company Name :											
Address :											
Tel. :	Fax. :										
E-mail :											
Type of Business : <table border="0"><tr><td>☐ Agriculture</td><td>☐ Paint & Body Repair</td></tr><tr><td>☐ General Auto Repair</td><td>☐ Public Work/Gov. Utilities</td></tr><tr><td>☐ Tire</td><td>☐ Factory</td></tr><tr><td>☐ Truck Maintenance/Repair</td><td>☐ Home Use</td></tr><tr><td>☐ Car Maker</td><td>☐ Other _____</td></tr></table>		☐ Agriculture	☐ Paint & Body Repair	☐ General Auto Repair	☐ Public Work/Gov. Utilities	☐ Tire	☐ Factory	☐ Truck Maintenance/Repair	☐ Home Use	☐ Car Maker	☐ Other _____
☐ Agriculture	☐ Paint & Body Repair										
☐ General Auto Repair	☐ Public Work/Gov. Utilities										
☐ Tire	☐ Factory										
☐ Truck Maintenance/Repair	☐ Home Use										
☐ Car Maker	☐ Other _____										
Specification of compressor used : <table border="0"><tr><td>Horsepower : ☐ 5 ☐ 7.5 ☐ 10 ☐ 15+ ☐ other _____</td><td>Tank Size (liter/gal) : ☐ 75.7(20) ☐ 227.1 (60) ☐ 302.8(80) ☐ 454.2(120) ☐ other _____</td></tr></table>		Horsepower : ☐ 5 ☐ 7.5 ☐ 10 ☐ 15+ ☐ other _____	Tank Size (liter/gal) : ☐ 75.7(20) ☐ 227.1 (60) ☐ 302.8(80) ☐ 454.2(120) ☐ other _____								
Horsepower : ☐ 5 ☐ 7.5 ☐ 10 ☐ 15+ ☐ other _____	Tank Size (liter/gal) : ☐ 75.7(20) ☐ 227.1 (60) ☐ 302.8(80) ☐ 454.2(120) ☐ other _____										

Garantie

Mighty-Seven International Co., LTD, (M7), membre du groupe King Tony Tools Group, offre une garantie de 12 mois sur tous les produits vendus aux Etats Unis et au Canada via King Tony America. Cette garantie s'applique sur les défauts de fonctionnement et de fabrication pendant les 12 mois suivant l'achat. Cette garantie ne s'applique pas pour les mauvaises utilisations du produit, ainsi que pour les produits modifiés, démontés ou réparés par un intervenant autre qu'un centre de réparation agréé par M7.

King Tony America se réserve le droit de procéder à une inspection de chaque produit qui nous sera retourné afin de déterminer si la garantie est applicable, et enverra une évaluation écrite au propriétaire dans le cas où la garantie est refusée. Les exceptions spécifiques à cette garantie comprennent l'usure des parties consommables dans chaque outil. Toutes les parties consommables sont clairement indiquées dans la liste des pièces composant chaque outil, contenue dans ce catalogue. Les autres exceptions spécifiques comprennent les dysfonctionnements liés à l'omission d'huiler correctement l'outil avant utilisation, ainsi que les dysfonctionnements liés à une pression d'air excessive durant l'utilisation. Un produit défectueux suite à une utilisation contraire à sa fonction ne pourra être pris en garantie.

King Tony America ne peut en aucun cas se tenir responsable des conséquences liées à la mauvaise utilisation de ses produits. L'unique et exclusive solution en ce qui concerne un produit défectueux sera la réparation, ou le remplacement de l'outil.

Pour une assistance concernant une demande de garantie dans un centre de réparation M7 autorisé, veuillez contacter par mail : sales@kingtonyamerica.com ou appeler King Tony America au +1 561.699.3190 (horaires : 8h-17h, heure Pacifique).

Date d'achat du produit:	Modèle N°:
Date d'expiration de la garantie:	N° de série:
Tampon du distributeur 	



Pour le distributeur

Formulaire de garantie

Date d'achat du produit:	Modèle N°:										
Date d'expiration de la garantie:	N° de série:										
Nom:											
Nom de la société:											
Adresse:											
Tel. :	Fax.:										
E-mail:											
Type d'activité: <table border="0"><tr><td>☐ Agricole</td><td>☐ Carrosserie</td></tr><tr><td>☐ Réparations automobile</td><td>☐ Travaux publics</td></tr><tr><td>☐ Pneumatiques</td><td>☐ Industrie</td></tr><tr><td>☐ Maintenance et réparations poids lourd</td><td>☐ Particulier</td></tr><tr><td>☐ Fabricant automobile</td><td>☐ Autre _____</td></tr></table>		☐ Agricole	☐ Carrosserie	☐ Réparations automobile	☐ Travaux publics	☐ Pneumatiques	☐ Industrie	☐ Maintenance et réparations poids lourd	☐ Particulier	☐ Fabricant automobile	☐ Autre _____
☐ Agricole	☐ Carrosserie										
☐ Réparations automobile	☐ Travaux publics										
☐ Pneumatiques	☐ Industrie										
☐ Maintenance et réparations poids lourd	☐ Particulier										
☐ Fabricant automobile	☐ Autre _____										
Compresseur utilisé: Puissance CV: <table border="0"><tr><td>☐ 5</td><td>☐ 7,5</td><td>☐ 10</td><td>☐ 15+</td></tr><tr><td colspan="4">☐ Autre _____</td></tr></table>		☐ 5	☐ 7,5	☐ 10	☐ 15+	☐ Autre _____					
☐ 5	☐ 7,5	☐ 10	☐ 15+								
☐ Autre _____											
Taille de la cuve (Litre): <table border="0"><tr><td>☐ 75,7</td><td>☐ 227,1</td><td>☐ 302,8</td><td>☐ 454,2</td></tr><tr><td colspan="4">☐ Autre _____</td></tr></table>		☐ 75,7	☐ 227,1	☐ 302,8	☐ 454,2	☐ Autre _____					
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☐ Autre _____											

Póliza de Garantía

Mighty-Seven International Co., LTD, (M7) parte del Grupo Global de Herramientas de King Tony ofrece una garantía limitada de 12 meses en todos los productos vendidos en los Estados Unidos y Canadá a través de King Tony America.

La garantía limitada se aplica a defectos de materiales o a la mano de obra en la manufacturación dentro de los primeros 12 meses de compra, no se aplica a productos que han sido maltratados, mal usado, modificados, desarmado o reparado por alguien que no sea un centro de reparación autorizado M7.

King Tony America se reserva el derecho a realizar una inspección de cualquier herramienta devuelta a la consideración de garantía y se ofrecerá una evaluación por escrita al propietario de la herramienta si la garantía es negada por cualquier motivo.

Las exclusiones específicas de esta garantía incluyen ciertos respuestos consumibles (desgaste) en cada herramienta.

Todos los respuestos consumibles se señalan claramente en la lista de piezas para cada herramienta contenida en este catálogo.

Otras exclusiones específicas incluyen falta de aceite correctamente antes de uso y utilizando la presión de aire excesivo para operar la herramienta.

Específicamente se excluyen todas las garantías implícitas, incluyendo pero no limitándose a las garantías implícitas de comerciabilidad o idóneas para un propósito particular están específicamente excluidas.

En ningún caso King Tony America será responsable de consecuencias incidentales o daños específicos resultantes o de cualquier manera relacionada con el producto, su diseño, uso o cualquier incapacidad de utilizar el mismo.

El único y exclusivo recurso con respecto al producto defectuoso será la reparación o sustitución de la herramienta.

Para obtener asistencia con un reclamación de garantía o para buscar el centro de servicio autorizado M7 de reparación de garantía más cercano.

envíe un correo electrónico: sales@kingtonyamerica.com,

o llame a King Tony América por teléfono 561.699.3190, 561.699.3190

entre las 8 AM y 17:00 horas, tiempo del Pacífico.

Fecha de Compra :	Modelo No. :
Fecha de fin de Garantía :	No. de Serie :
Sello del Distribuidor 	



Para Distribuidor

Tarjeta de Garantía

Fecha de Compra :	Modelo No. :										
Fecha de fin de Garantía :	No. de Serie :										
Nombre :											
Nombre de la Empresa :											
Dirección :											
Tel.:	Fax.:										
Email:											
Tipo de Negocio : <table border="0"><tr><td>☐ Agricultura</td><td>☐ Pintura y reparación carrocería</td></tr><tr><td>☐ Reparación Gral. Autos</td><td>☐ Trabajo público / Gobierno</td></tr><tr><td>☐ Llantas</td><td>☐ Fábrica</td></tr><tr><td>☐ Reparación/mant.camiones</td><td>☐ Uso Casero</td></tr><tr><td>☐ Fabricante de Autos</td><td>☐ Otros _____</td></tr></table>		☐ Agricultura	☐ Pintura y reparación carrocería	☐ Reparación Gral. Autos	☐ Trabajo público / Gobierno	☐ Llantas	☐ Fábrica	☐ Reparación/mant.camiones	☐ Uso Casero	☐ Fabricante de Autos	☐ Otros _____
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Especificaciones de la compresora usada: <table border="0"><tr><td>Potencia (HP) : ☐ 5 ☐ 7,5 ☐ 10 ☐ 15+ ☐ Otros _____</td><td>Tamaño de tanque (litro) : ☐ 75,7 ☐ 227,1 ☐ 302,8 ☐ 454,2 ☐ Otros _____</td></tr></table>		Potencia (HP) : ☐ 5 ☐ 7,5 ☐ 10 ☐ 15+ ☐ Otros _____	Tamaño de tanque (litro) : ☐ 75,7 ☐ 227,1 ☐ 302,8 ☐ 454,2 ☐ Otros _____								
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