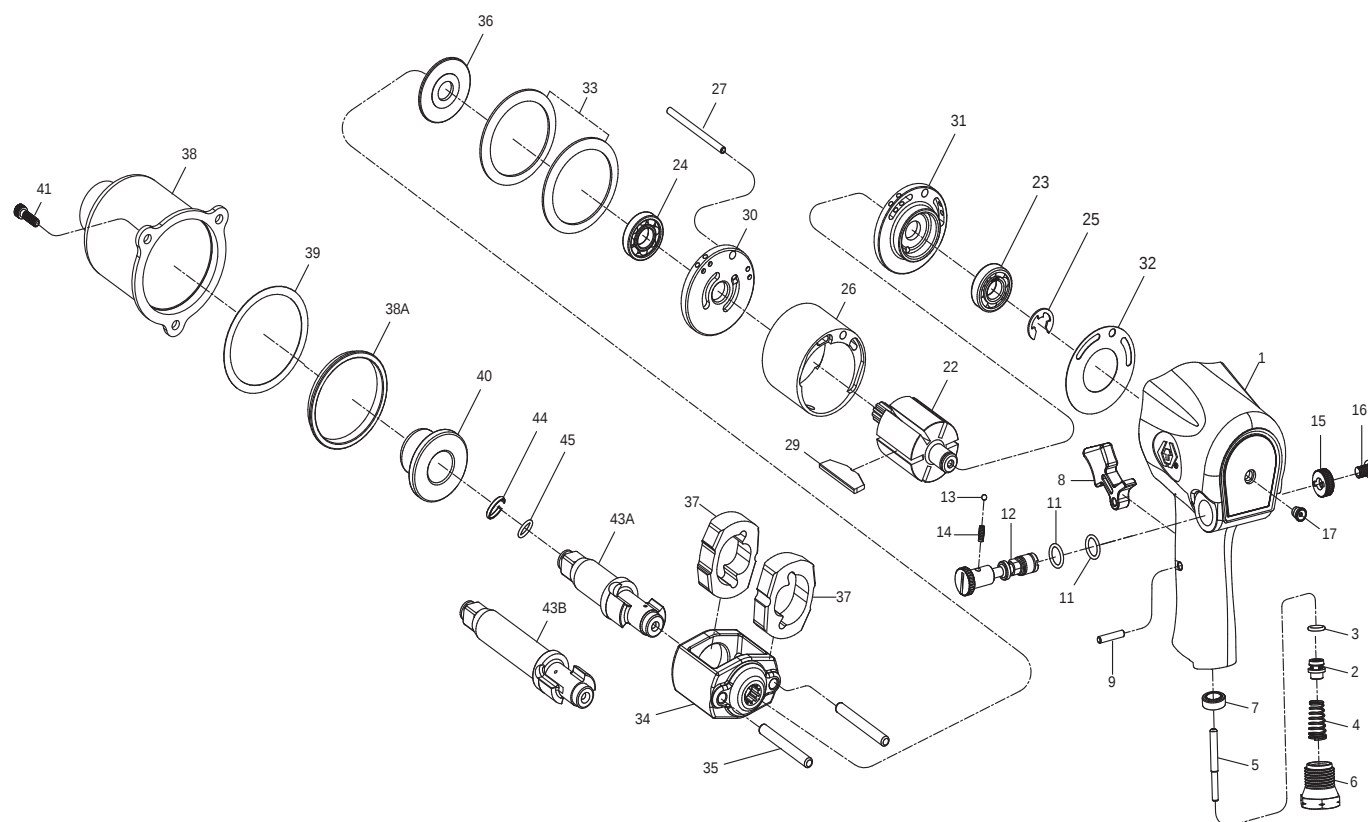


# 1/2" DR. AIR IMPACT WRENCH



NO.33421-040  
33421-041



| INDEX No. | KT No.     | DESCRIPTION                          | REQ'D No. | INDEX No. | KT No.     | DESCRIPTION                                                  | REQ'D No. |
|-----------|------------|--------------------------------------|-----------|-----------|------------|--------------------------------------------------------------|-----------|
| ★ 1       | 33421-A01  | Motor housing assembly ( inc. 7.17 ) | 1         | 29        | 33411-A29  | Rotor blade                                                  | 6         |
| 2         | 33421-A02  | Throttle valve                       | 1         | 30        | 33411-A30  | Front end plate                                              | 1         |
| 3         | 33421-A03  | O-ring                               | 1         | 31        | 33411-A31  | Rear end plate                                               | 1         |
| 4         | 33421-A04  | Spring                               | 1         | 32        | 33411-A32  | Gasket                                                       | 1         |
| 5         | 33421-A05  | Throttle valve stem                  | 1         | 33        | 33411-A33  | Motor clamp washer                                           | 2         |
| 6         | 33421-A06  | Air inlet ( 19 BSPT )                | 1         | 34        | 33421-A34  | Hammer frame                                                 | 1         |
| 6A        | 33421-A06A | Air inlet ( 18 NPT )                 | 1         | 35        | 33421-A35  | Hammer pin                                                   | 2         |
| • 7       | 33421-A07  | Throttle valve seat                  | 1         | 36        | 33411-A36  | Washer                                                       | 1         |
| 8         | 33421-A08  | Trigger                              | 1         | 37        | 33411-A37  | Hammer                                                       | 2         |
| 9         | 33421-A09  | Trigger pin                          | 1         | 38        | 33421-A38  | Hammer case                                                  | 1         |
| 11        | 33411-A11  | O-ring                               | 2         | 38A       | 33411-A38A | Hammer case pilot                                            | 1         |
| 12        | 33411-A12  | Reverse valve                        | 1         | 39        | 33421-A39  | Gasket                                                       | 1         |
| 13        | 33411-A13  | Steel ball                           | 1         | 40        | 33411-A40  | Hammer case bushing                                          | 1         |
| 14        | 33411-A14  | Spring                               | 1         | 41        | 33421-A41  | Screw                                                        | 3         |
| 15        | 33421-A15  | Reverse valve knob                   | 1         | • 43A     | 33421-A43A | Standard anvil                                               | 1         |
| 16        | 33411-A16  | Screw                                | 1         | • 43B     | 33421-A43B | 2" Extended anvil                                            | 1         |
| • 17      | 33411-A07  | Grease fitting                       | 1         | 44        | 33411-A44  | Socket retainer                                              | 1         |
| 22        | 33421-A22  | Rotor                                | 1         | 45        | 33411-A45  | O-ring                                                       | 1         |
| 23        | 33421-A23  | Bearing                              | 1         | TK-03     | 33421-ATK3 | Standard anvil assembly ( incl. 43A.44.45 )                  |           |
| 24        | 33421-A24  | Bearing                              | 1         | TK-04     | 33421-ATK4 | 2" Extended anvil assembly ( incl. 43B.44.45 )               |           |
| 25        | 33411-A25  | Retainer                             | 1         | TK-05     | 33421-ATK5 | Hammer case assembly ( incl. 38.40 )                         |           |
| 26        | 33421-A26  | Cylinder                             | 1         | TK        | 33421-ATK  | Tune-up kit ( incl. 3.4.11 ( 2 ) .25.29 ( 6 ) .32.39.44.45 ) |           |
| 27        | 33411-A27  | Cylinder dowel                       | 1         |           |            |                                                              |           |

★ Must be purchased in assembly set

20231130R8

• Recommended not to be purchased alone due to assembly difficulty

Air pressure : 6.2 Bar (90 p.s.i.)

| Inspec.<br>Item No. | Square drive | Std. bolt size |     | Free speed | Max. torque |     | Overall length |     | Air inlet | Air hose | Avg. air consumption |       | Net weight |      | Sound pressure level a-weighted | Sound power level a-weighted | Sound pressure level c-weighted | Vib. M/S2 |
|---------------------|--------------|----------------|-----|------------|-------------|-----|----------------|-----|-----------|----------|----------------------|-------|------------|------|---------------------------------|------------------------------|---------------------------------|-----------|
|                     | inch         | inch           | mm  | R.P.M      | ft-lbs      | N.m | inch           | mm  | BSPT/NPT  | ID       | cfm                  | L/min | lbs        | kgs  | dB(A)                           | dB(A)                        | dB(C)                           |           |
| 33421-040           | 1/2"         | 5/8"           | M16 | 8000       | 500         | 678 | 6-3/4"         | 171 | 1/4" BSPT | 3/8"     | 4.0                  | 113   | 5.64       | 2.56 | 101.02                          | 112.01                       | 102.00                          | 8.70      |
| 33421-041           | 1/2"         | 5/8"           | M16 | 8000       | 500         | 678 | 6-3/4"         | 171 | 1/4" NPT  | 3/8"     | 4.0                  | 113   | 5.64       | 2.56 | 101.02                          | 112.01                       | 102.00                          | 8.70      |



## KING TONY TOOLS CO., LTD.

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EC DECLARATION OF CONFORMITY  
FOR NON-ANNEX IV MACHINERY  
IN ACCORDANCE WITH  
MACHINERY SAFETY DIRECTIVES  
2006 / 42/ EC

## AIR IMPACT WRENCH OPERATOR'S INSTRUCTION

This air impact wrench has the CE approval

WE, KING TONY TOOLS CO., LTD. HEREBY CERTIFY THAT THE MACHINERY DESCRIBED BELOW  
CONFORMS WITH THE ESSENTIAL HEALTH AND SAFETY REQUIREMENTS OF MACHINERY SAFETY  
DIRECTIVES 2006/42/EC ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES  
RELATING TO THE SAFETY OF MACHINERY,

## AIR IMPACT WRENCH

33421-040

33421-041

AND COMPLY WITH THE PROVISIONS SET OUT IN THE FOLLOWING EUROPEAN STANDARD:

ISO 12100:2010 (RISK ASSESSMENT & RISK REDUCTION)

ISO 11148-6:2012 (SAFETY REQUIREMENTS)

ISO 15744:2002 (NOISE LEVEL)

ISO 28927-2:2009 (VIBRATION LEVEL)



DATE OF ISSUE: 7<sup>th</sup> January 2014

NAME: Lin Hsien-Wen

POSITION/TITLE: General manager

SIGNATURE: Lin Hsien-Wen