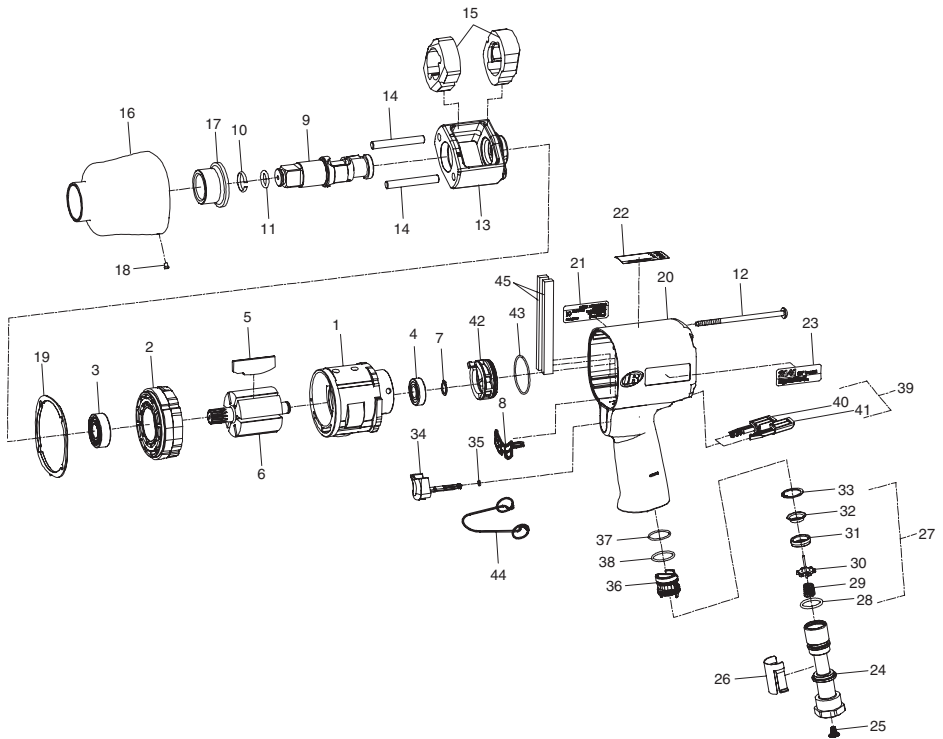


# 2141 Air Impact Wrench Exploded Diagram



(Dwg. TPA1796)

## 2141 and 2141S Air Impact Wrench Parts List

| Item | Part Description             | Part Number  | Item | Part Description  | Part Number |
|------|------------------------------|--------------|------|---|-------------|
| 1    | Cylinder                     | 2141-3       | 26   | Inlet Retainer Clip   | 2141-57     |
| 2    | Front End Plate              | 2141-11      | 27   | Inlet Parts Kit   | 2141-K303   |
| 3    | Front Rotor Bearing          | R38P-606     | 28   | Inlet Bushing Seal  | R4-210      |
| 4    | Rear Rotor Bearing           | 2131-97      | 29   | Tilt Valve Spring   | 2131-51     |
| * 5  | Vane Packet (set of 6 Vanes) | 2141-42-6    | 30   | Tilt Valve  | 2141-302    |
| 6    | Rotor                        | 2141-53      | 31   | Tilt Valve Seat   | 2141-303    |
| 7    | Rear Rotor Bearing Retainer  | 2131-6       | 32   | Tilt Valve Seat Support   | 2141-306    |
| * 8  | Motor Gasket                 | 2141-283     | 33   | Tilt Valve Seat Retainer  | SML8-24     |
| 9    | Anvil Assembly               | 2141-A626    | * 34 | Trigger Assembly  | 2141-A93    |
| * 10 | Socket Retainer              | 908B5-918    | 35   | Trigger O-ring  | ---         |
| * 11 | Socket Retainer O-ring       | AF120-289    | 36   | Reverse Valve Assembly  | 2141-A329   |
| 12   | Hammer Case Screw (4)        | 2141-638     | 37   | Reverse Valve O-ring (top)  | ---         |
|      | Hammer Frame Assembly        | 2141-A703    | 38   | Reverse Valve O-ring (bottom) (blue)  | ---         |
| 13   | Hammer Frame                 | 2141-703     | 39   | Button Kit  | 2141-K75    |
| 14   | Hammer Pin (2)               | 2141-704     | 40   | Forward Button  | ---         |
| 15   | Hammer (2)                   | 2141-724     | 41   | Reverse Button  | ---         |
| 16   | Hammer Case Assembly         | 2141-727     | 42   | Power Management Dial   | 2131-A249   |
| 17   | Hammer Case Bushing          | 2141-641     | 43   | Power Management Dial Seal  | ---         |
| 18   | Grease Fitting               | D0F9-879     | 44   | Inlet Clip Removal Tool   | 2131-322    |
| * 19 | Hammer Case Gasket           | 2141-36      | 45   | Silencer (4) (2141S only)   | 2131S-310   |
| 20   | Housing Assembly             | 2141-A40     | *    | Grease (1 lb) (for external lubrication of the impact mechanism)                | 115-1LB     |
| 21   | Housing Label                | 2141-99      |      |   |             |
| 22   | Warning Label                | WARNING-2-99 | *    | Grease (for lubrication when disassembling and assembling the impact mechanism) |             |
| 23   | Nameplate                    |              |      |   |             |
|      | for 2141                     | 2141-301     |      | 1 lb  | 105-1LB     |
|      | for 2141S                    | 2141S-301    |      | 8 lb  | 105-8LB     |
|      | Inlet Bushing Assembly       | 2141-D565    | *    | Protective Cover  | 2141-P32    |
| 24   | Inlet Bushing                | 2141-565     | *    | Grease Gun  | R000A2-228  |
| 25   | Inlet Bushing Screen         | 5RA-61       |      |   |             |

\* Not illustrated.

\* To keep downtime to a minimum, it is desirable to have on hand certain repair parts. We recommend that you stock one (pair or set) of each part indicated by a Bullet (•) for every four tools in service.

## Parts and Maintenance

When the life of the tool has expired, it is recommended that the tool be disassembled, degreased and parts be separated by material so that they can be recycled.

Tool repair and maintenance should only be carried out by an authorized Service Center.

Refer all communications to the nearest **Ingersoll-Rand** Office or Distributor.

## Related Documentation

For additional information refer to:

Air Impact Wrenches Product Safety Information Manual Form 04580916,

Air Impact Wrenches Product Information Manual Form 04584710,

Air Impact Wrenches Maintenance Information Manual Form 04583993.

Manuals can be downloaded from [www.irttools.com](http://www.irttools.com).



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