



# American Pneumatic Tool

9949 Tabor Place, Santa Fe Springs, California, CA 90670, U.S.A.

## ROCK DRILLS



For assistance in any sales, technical, maintenance or repair questions, please call APT @  
Phone: (800) 532-7402 or (562) 204-1555 • Fax: (800) 715-6502 or (562) 204-1773

Website: [www.apr-tools.com](http://www.apr-tools.com) • e-mail: [info@apr-tools.com](mailto:info@apr-tools.com)

TDS-1027 Rev A

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## ROCK DRILLS

### TOOL MAINTENANCE & REPAIR INFORMATION

#### FIELD OPERATION:

##### Before use:

1. Fill the reservoir with air tool oil or 10W equivalent for 9 lb and 15 lb class. Use rock drill oil for the 38 lb and 60 lb class tools.
2. Check all nuts and bolts to ensure they are tight on the tool.
3. Make sure retainer locks into place.
4. Replace retainer and springs if worn.
5. Rotate the chuck bushings to ensure that pawls are engaging.
6. Clean any water and/or dirt from air hose before connecting it to the tool.

##### During use:

1. Make sure feet are placed squarely on the work surface.
2. For your safety, and that of others, keep constant pressure on the drill bit at all times.
3. When moving from one work area to another, shut off tool.
4. To start drilling the hole, start off with a slower speed.
5. If the drill bit becomes stuck, or bound, shut off tool immediately.
6. Refill oil reservoir approximately every 2 hours.

##### After use:

1. Flush tool with cleaning solvent, then refill with air tool oil or 10W equivalent.
2. Do not leave tool in water or dirt.
3. Check all nuts to ensure they are tight on the tool.
4. Store the tool well oiled.

#### TROUBLESHOOTING GUIDE:

##### If you experience loss of power in the tool:

1. Check side rod nuts to ensure they are tight on the tool.
2. Flush cleaning solvent through the tool and then refill immediately with air tool oil or 10W equivalent.
3. Disassemble and inspect ratchet pawls. If pawls show wear on the corners, they should be replaced.
4. While the tool is disassembled, check the cleanliness of the valve and ensure cylinder ports are clear.

##### If the tool is blowing air and will not function:

1. Disassemble, check for broken piston or rifle bar, check the rifle nut condition.
2. Check valve system for worn parts, replace if necessary.

##### If you cannot shut off the tool:

1. Immediately turn off the air source, then disconnect the air supply.
2. Disassemble back head and inspect the throttle valve, replace throttle valve if worn.

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TDS-1028 Rev A

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## MODEL 137 ROCK DRILL

### DRY DRILLING MODELS

PART # 5223 (7/8" HEX x 3-1/4")

PART # 5225 (7/8" HEX x 4-1/4")

PART # 5227 (1" HEX x 4-1/4")

### WET DRILLING MODELS

PART # 5224 (7/8" HEX x 3-1/4")

PART # 5226 (7/8" HEX x 4-1/4")

PART # 5228 (1" HEX x 4-1/4")



The APT Model 137 Rock Drill is a versatile midsize Rock Drill used in general construction, utility work, and plant maintenance. It is designed for drilling through granite, hard faced rock, quarry drilling and for drilling secondary holes for blasting. It can also be used in conjunction with dowel hole drilling machines. The Model 137 is adaptable to wet drilling application by attaching the APT valve, wet tube and swivel assembly.

### SPECIFICATIONS

Part #	5223	5224	5225	5226	5227	5228
Type	Dry	Wet	Dry	Wet	Dry	Wet
Hex Chuck Size	7/8" x 3-1/4"		7/8" x 4-1/4"		1" x 4-1/4"	
Bore Diameter (inches)	2-3/8"					
Stroke (inches)	2-5/8"					
Blows per Minute	2300					
CFM @ 90 psi	85 - 90					
Weight (lbs)	38					
Length (inches)	19-3/4"					
Air Inlet Size	1/2" MALE NPT					

### FEATURES

- 4 drilling speeds
- Replaceable piston stem bearing
- Available in wet or dry models
- Counter clockwise rotation
- Rubber handle grips

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TDS-1033 Rev A

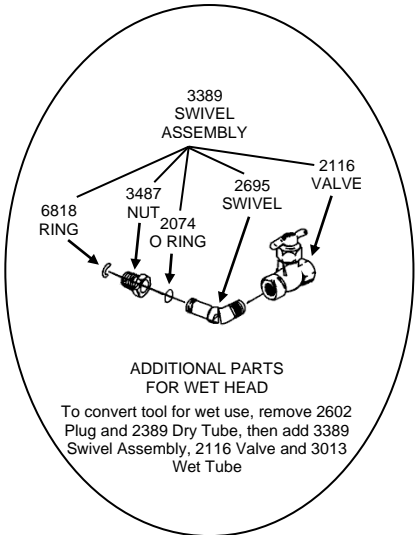
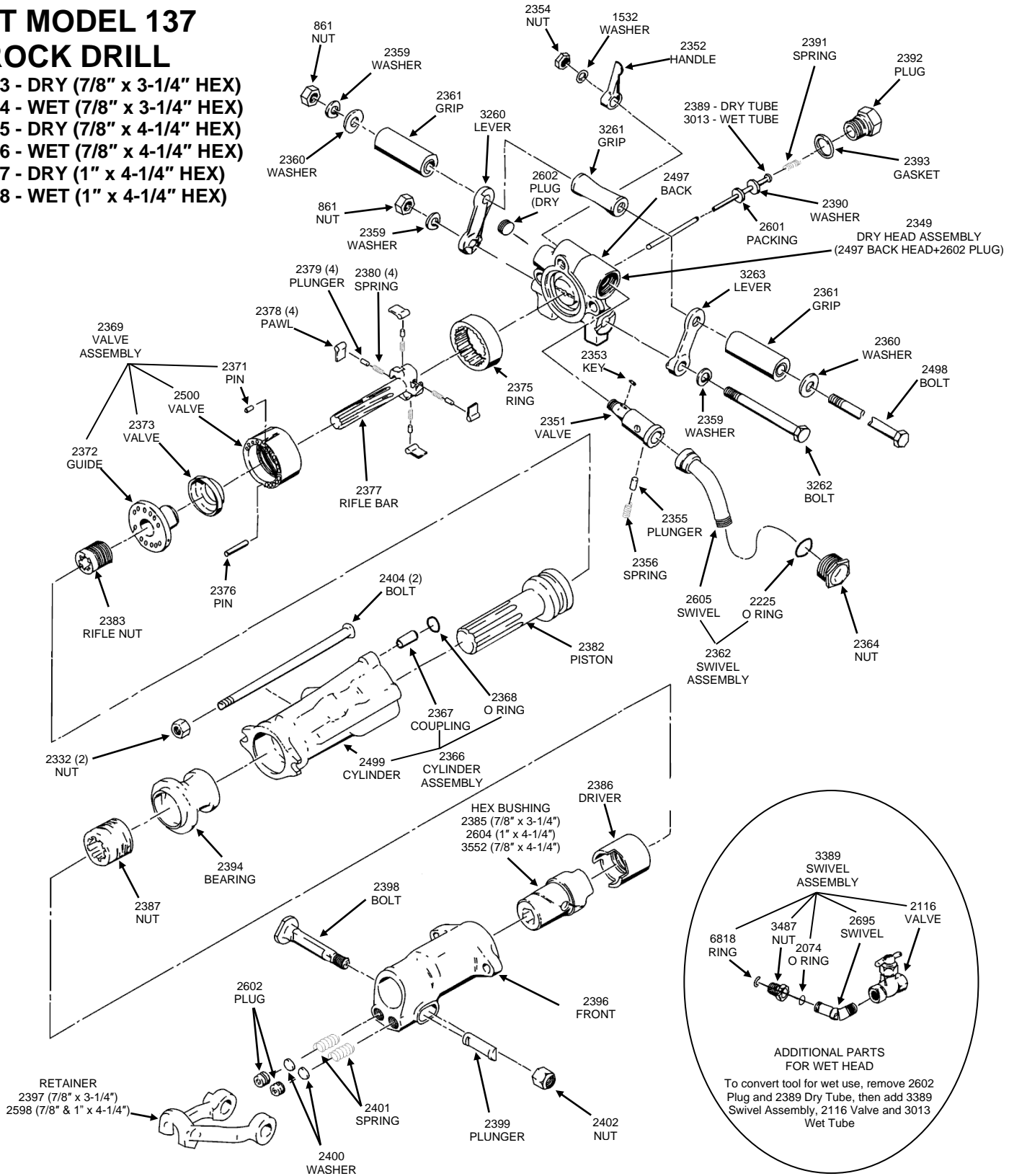


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## APT MODEL 137 ROCK DRILL

- PART # 5223 - DRY (7/8" x 3-1/4" HEX)
- PART # 5224 - WET (7/8" x 3-1/4" HEX)
- PART # 5225 - DRY (7/8" x 4-1/4" HEX)
- PART # 5226 - WET (7/8" x 4-1/4" HEX)
- PART # 5227 - DRY (1" x 4-1/4" HEX)
- PART # 5228 - WET (1" x 4-1/4" HEX)



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TDS-1034 Rev A



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## ROCK DRILLS

### ACCESSORIES, SERVICE AND REPAIR KITS



#### **M109**

- 18796 SIDE ROD KIT
- 16896 WHIP HOSE ASSEMBLY WITH OILER
- 16894 WHIP HOSE ASSEMBLY WITHOUT OILER
- 18781 O RING AND SEAL KIT
- 18747 SWIVEL ASSEMBLY (1/2" HOSE BARB)

#### **M115**

- 18794 LATCH KIT
- 18797 SIDE ROD KIT
- 16897 WHIP HOSE ASSEMBLY WITH OILER
- 18782 O RING AND SEAL KIT
- 17193 UNIVERSAL COUPLER

#### **M137**

- 18798 SIDE ROD KIT
- 18748 WHIP HOSE ASSEMBLY WITH OILER
- 18783 O RING AND SEAL KIT
- 17194 UNIVERSAL COUPLER

#### **M155**

- 18756 MUFFLER KIT
- 18799 SIDE ROD KIT
- 18748 WHIP HOSE ASSEMBLY WITH OILER
- 18784 O RING AND SEAL KIT
- 17195 UNIVERSAL COUPLER

#### **ALL MODELS**

- 18754 SAFETY CABLE, HOSE TO HOSE
- 18755 SAFETY CABLE, HOSE TO TOOL

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