



American Pneumatic Tool

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

MODEL 155 ROCK DRILL

DRY DRILLING MODELS

PART # 5229 (7/8" HEX x 3-1/4")

PART # 5231 (7/8" HEX x 4-1/4")

PART # 5233 (1" HEX x 4-1/4")

WET DRILLING MODELS

PART # 5230 (7/8" HEX x 3-1/4")

PART # 5232 (7/8" HEX x 4-1/4")

PART # 5234 (1" HEX x 4-1/4")



The APT Model 155 Rock Drill is a tough, 60 lb class Rock Drill. This tool can be used in general construction as well as in utility work and plant maintenance. It is designed for drilling through granite, hard faced rock, quarry drilling, and drilling secondary holes for blasting. This tool can also be used with dowel hole drilling machines. Adaptable to wet drilling applications by attaching the APT valve, wet tube and swivel assembly.

SPECIFICATIONS

Part #	5229	5230	5231	5232	5233	5234
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)	2-5/8"					
Stroke (inches)	3"					
Blows per Minute	2100					
CFM @ 90 psi	110 - 120					
Weight (lbs)	61					
Length (inches)	22-3/8"					
Air Inlet Size	3/4" MALE NPT					

FEATURES

- 3 drilling speeds
- Built-in automatic oiler
- Replaceable piston stem bearing
- Available in wet or dry models
- Counter clockwise rotation
- Rubber handle grips

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 • e-mail: info@apr-tools.com

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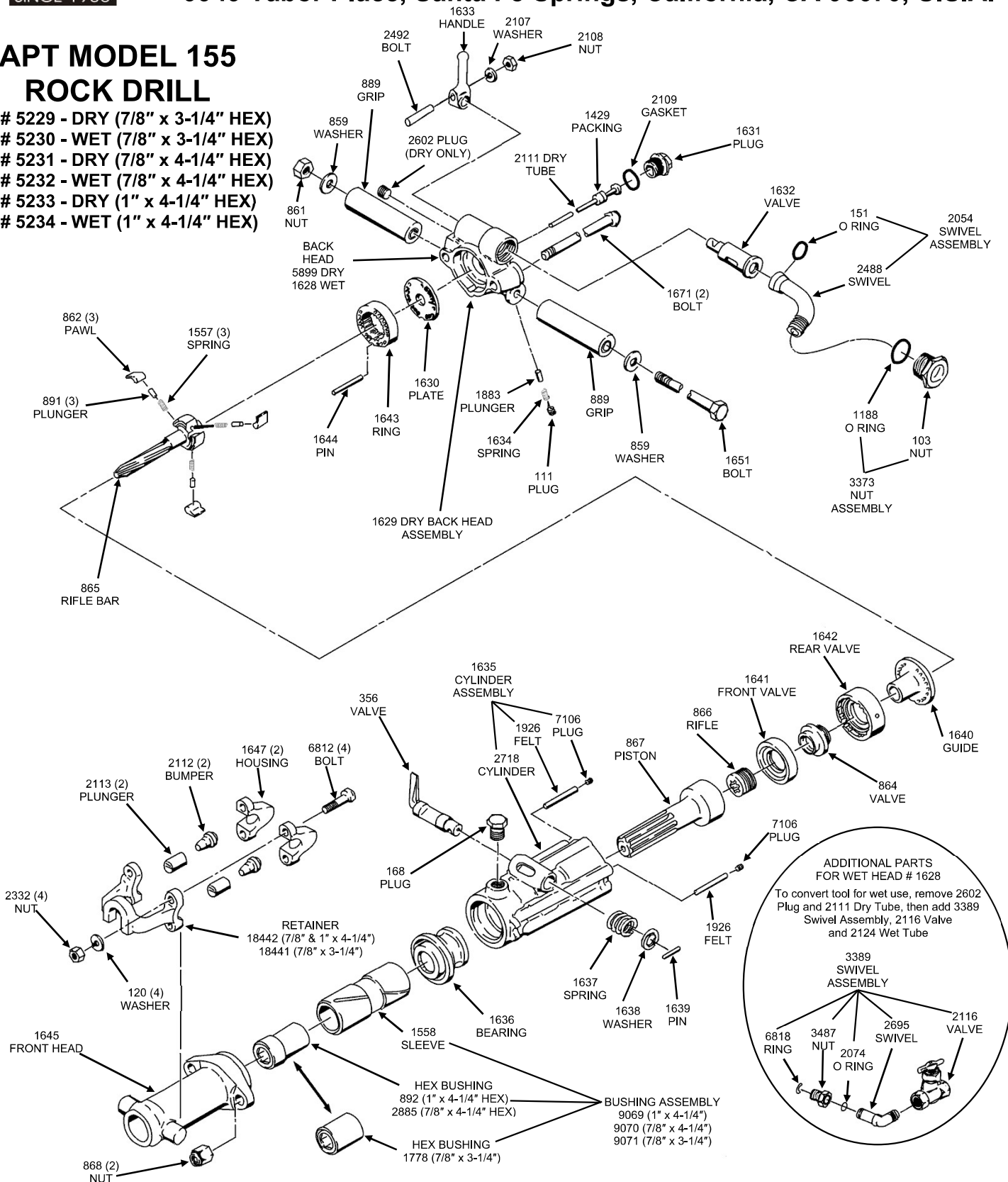


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APT MODEL 155 ROCK DRILL

- PART # 5229 - DRY (7/8" x 3-1/4" HEX)
- PART # 5230 - WET (7/8" x 3-1/4" HEX)
- PART # 5231 - DRY (7/8" x 4-1/4" HEX)
- PART # 5232 - WET (7/8" x 4-1/4" HEX)
- PART # 5233 - DRY (1" x 4-1/4" HEX)
- PART # 5234 - WET (1" x 4-1/4" HEX)



ADDITIONAL PARTS FOR WET HEAD # 1628

To convert tool for wet use, remove 2602 Plug and 2111 Dry Tube, then add 3389 Swivel Assembly, 2116 Valve and 2124 Wet Tube

- 3389 SWIVEL ASSEMBLY
 - 6818 RING
 - 3487 NUT
 - 2074 O RING
 - 2695 SWIVEL
 - 2116 VALVE

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APT Model M155 Rock Drill Controls

The APT Model 155 Rock drill has 2 operating levers. It features a 3 speed throttle control and also a dust blowout feature for clearing out dust when deep hole drilling.

(Handle Assembly removed for photographs)

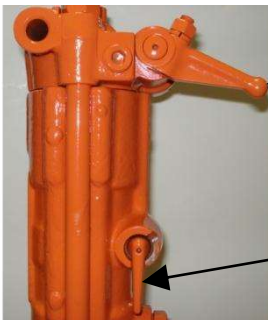
Throttle Control



Throttle Lever Off

Fig. 1 Tool Shut off

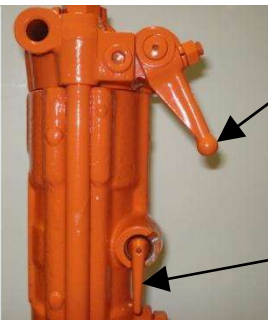
Blowout Lever Off
(Down)



Throttle Lever On
Low Power

Fig. 2 Low Speed

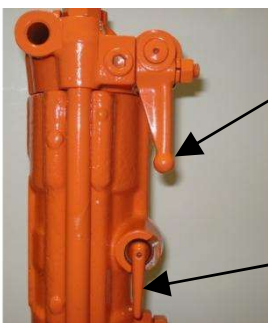
Blowout Lever Off
(Down)



Throttle Lever On
Medium Power

Fig. 3 Medium Speed

Blowout Lever Off
(Down)

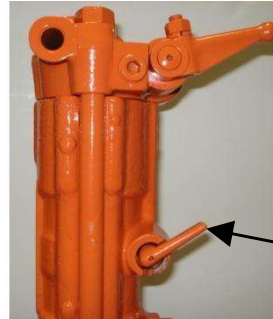


Throttle Lever On
Maximum Power

Fig. 4 Maximum Speed

Blowout Lever Off
(Down)

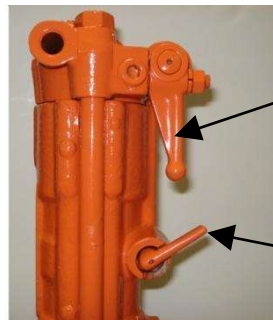
Hole Blowout Control



Throttle Lever Off

Fig. 4 Tool Shut off

Blowout Lever On
(Up)



Throttle Lever On
Maximum Power

Fig. 5 Hole Blowout

Blowout Lever On
(Up)

Throttle Control:

The low and medium power setting is used for getting the hole started. Once a deep enough hole has been established, and the drill bit head is contained in the hole and will not 'wander', it is best to operate the tool at maximum power.

Hole blowout feature:

When the hole gets deeper, the drill bit may get 'bogged down' by the loose material collecting around the drill shaft, you can use the hole blowout feature.

To operate:

Switch the throttle control lever to the off position.

Switch the blowout lever to the on (up) position.

Use the throttle lever to switch the air back on until the debris is clear of the drill shaft.

When the hole is clear, turn the throttle lever to the off position, then switch the blowout lever off (down).

You can now re-commence drilling.

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