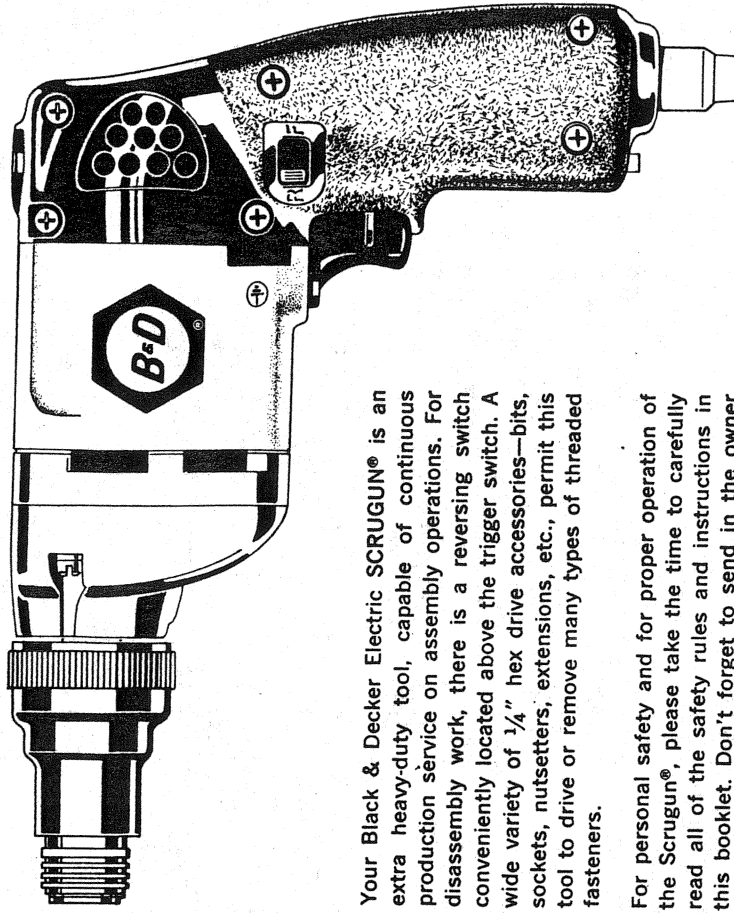




OWNER'S MANUAL



Your Black & Decker Electric SCRUGUN® is an extra heavy-duty tool, capable of continuous production service on assembly operations. For disassembly work, there is a reversing switch conveniently located above the trigger switch. A wide variety of 1/4" hex drive accessories—bits, sockets, nutsetters, extensions, etc., permit this tool to drive or remove many types of threaded fasteners.

For personal safety and for proper operation of the Scrugun®, please take the time to carefully read all of the safety rules and instructions in this booklet. Don't forget to send in the owner registration card.

THANK YOU for buying BLACK & DECKER!

EXTRA HEAVY-DUTY SCRUGUN® SCREWDRIVERS

Cat. Nos.

2035-09	2044-09	2054-09
2035-99	2045-09	2056-09
2036-09	2045-21	2058-09
2036-21	2046-09	2059-09
2037-09	2050-09	2060-09

IMPORTANT

To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment, (including brush inspection and replacement) should be performed by Black & Decker Service Centers or other qualified service organizations, always using Black & Decker replacement parts.

COMMERCIAL/INDUSTRIAL USE WARRANTY

Black & Decker warrants this product for one year from date of purchase. We will repair without charge, any defects due to faulty material or workmanship. Please return the complete unit, transportation prepaid, to any Black & Decker Service Center or Authorized Service Station listed under "Tools Electric" in the yellow pages. This warranty does not apply to accessories or damage caused where repairs have been made or attempted by others.

BLACK & DECKER (U.S.) INC.
701 E. JOPPA ROAD, TOWSON, MD. 21204, U.S.A.

Form No. 722684-06

(AUG81-GD)

Printed in U.S.A.

IMPORTANT SAFETY INSTRUCTIONS

WARNING: When using Electric Tools, basic safety precautions should always be followed to reduce risk of fire, electric shock, and personal injury, including the following:

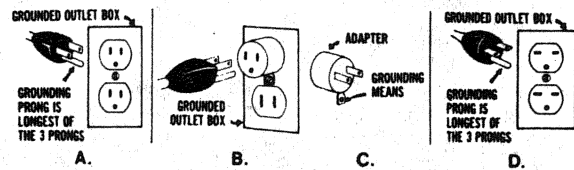
READ ALL INSTRUCTIONS

- KEEP WORK AREA CLEAN.** Cluttered areas and benches invite injuries.
- CONSIDER WORK AREA ENVIRONMENT.** Don't expose power tools to rain. Don't use power tools in damp or wet locations. Keep work area well lit.
- GUARD AGAINST ELECTRIC SHOCK.** Prevent body contact with grounded surfaces. For example: pipes, radiators, ranges, refrigerator enclosures.
- KEEP CHILDREN AWAY.** All visitors should be kept away from work area. Do not let visitors contact tool or extension cord.
- STORE IDLE TOOLS.** When not in use, tools should be stored in dry, and high or locked-up place—out of reach of children.
- DON'T FORCE TOOL.** It will do the job better and safer at the rate for which it was intended.
- USE RIGHT TOOL.** Don't force small tool or attachment to do the job of a heavy-duty tool. Don't use tool for purpose not intended, for example, don't use circular saw for cutting tree limbs or logs.
- DRESS PROPERLY.** Do not wear loose clothing or jewelry. They can be caught in moving parts. Rubber gloves and non-skid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.
- USE SAFETY GLASSES.** Also use face or dustmask if cutting operation is dusty.
- DON'T ABUSE CORD.** Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil, and sharp edges.
- SECURE WORK.** Use clamps or a vise to hold work. It's safer than using your hand and it frees both hands to operate tool.
- DON'T OVERREACH.** Keep proper footing and balance at all times.
- MAINTAIN TOOLS WITH CARE.** Keep tools sharp and clean for better and safe performance. Follow instructions for lubricating and changing accessories. Inspect tool cords periodically and if damaged have repaired by authorized service facility. Inspect extension cords periodically and replace if damaged. Keep handles dry, clean, and free from oil and grease.
- DISCONNECT TOOLS.** When not in use, before servicing, and when changing accessories, such as blades, bits, cutters.
- REMOVE ADJUSTING KEYS AND WRENCHES.** Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.
- AVOID UNINTENTIONAL STARTING.** Don't carry plugged-in tool with finger on switch. Be sure switch is off when plugging in.
- OUTDOOR USE EXTENSION CORDS.** When tool is used outdoors, use only extension cords intended for use outdoors and so marked.
- STAY ALERT.** Watch what you are doing. Use common sense. Do not operate tool when you are tired.
- CHECK DAMAGED PARTS.** Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated elsewhere in this instruction manual. Do not use tool if switch does not turn it on and off.
- DO NOT OPERATE** portable electric tools near flammable liquids or in gaseous or explosive atmospheres. Motors in these tools normally spark, and the sparks might ignite fumes.

GROUNDING

This tool should be grounded while in use to protect the operator from electric shock. The tool is equipped with an approved three-conductor cord and three-prong grounding type plug to fit the proper grounding type receptacle. The green (or green and yellow) conductor in the cord is the grounding wire. Never connect the green (or green and yellow) wire to a live terminal. If your unit is for use on less than 150 volts, it has a plug like that shown in Figure A. If it is for use on 150 to 250 volts, it has a plug like that shown in Figure D. An adapter, Figures B and C, is available for connecting Figure A plugs to two-prong receptacles. The green-colored rigid ear, lug, etc., must be connected to permanent ground such as a properly grounded outlet box. No adapter is available for a plug as shown in Figure D. Adapter shown in Figures B & C is not for use in Canada.

We recommend that you NEVER disassemble the tool or try to do any rewiring in the electrical system. Any such repairs should be performed only by B&D Service Centers or other qualified service organizations. Should you be determined to make a repair yourself



remember that the green colored wire is the "grounding" wire. Never connect this green wire to a "live" terminal. If you replace the plug on the power cord, be sure to connect the green wire only to the grounding (longest) prong on a 3-prong plug.

If you use an extension cord, be sure that it is a 3-conductor, grounding type cord. Grounding must be continuous from the tool plug to the grounded receptacle.

EXTENSION CORDS

Tools that have 3 wire cords requiring grounding must only be used with extension cords that have 3-prong grounding type plugs and 3-pole receptacles. Only round jacketed extension cords should be used, and we recommend that they be listed by Underwriters Laboratories (U.L.). If the extension will be used outside, the cord must be suitable for outdoor use. Any cord marked as outdoor can also be used for indoor work.

An extension cord must have adequate wire size (AWG or American Wire Gauge) for safety, and to prevent loss of power and overheating. The smaller the gauge number of the wire, the greater the capacity of the cable, that is 16 gauge has more capacity than 18 gauge. When using more than one extension to make up the total length, be sure each individual extension contains at least the minimum wire size.

To determine the minimum wire size required, refer to chart below:

CHART FOR MINIMUM WIRE SIZE (AWG) OF EXTENSION CORDS

NAMEPLATE RATING - AMPS	TOTAL EXTENSION CORD LENGTH - FEET							
	25	50	75	100	125	150	175	200
0 - 10.0	18	18	16	16	14	14	12	12
10.1 - 13.0	16	16	14	14	14	12	12	12
13.1 - 15.0	14	14	12	12	12	12	12	—

Before using an extension cord, inspect it for loose or exposed wires, damaged insulation, and defective fittings. Make any needed repairs or replace the cord if necessary. Black & Decker has extension cords available that are U.L. listed for outdoor use.

MOTOR

Your Black & Decker tool is powered by a B&D-built motor. Be sure your power supply agrees with the nameplate marking.

Volts 50/60 Hz or "AC only" means your tool must be operated only with alternating current and never with direct current. Volts DC-60Hz or AC/DC means your tool may be operated with either alternating or direct current.

A voltage decrease of more than 10% will cause loss of power and overheating. B&D tools are factory tested; if this tool does not operate, check the power supply.

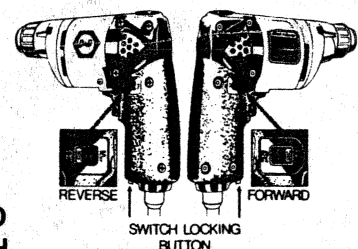
All Reversing Tools have full power and perform as well in REVERSE as they do in FORWARD.

MOTOR BRUSHES

Your Drill uses the B&D "Checkpoint" brush system. The tool will stop when the brushes wear out (down to about 3/16" long). This prevents damage to the motor. Return tool to a B&D Service Center for brush replacement.

SWITCHES

Pulling the Trigger Switch turns the tool "ON"; releasing the trigger turns the tool "OFF". To lock switch "ON", depress trigger, hold in locking button, and release trigger. Release button and tool will stay "ON". Then to turn tool "OFF", depress and release trigger. The Reversing switch is located just above the trigger. Push this switch toward "F" for driving fasteners. Pushing the switch toward "R" reverses the motor rotation—for removing fasteners. The trigger switch must be released to the "OFF", position before using the reversing switch.



VARIABLE SPEED TRIGGER SWITCH

The Variable Speed Trigger permits "FREE HAND" speed control—the farther the trigger is depressed, the higher speed of the tool. For maximum tool life, use lower speed only for starting the fastener. Continuous use at lower speeds is not recommended.

ACCESSORY ASSEMBLY

THE 1/4" HEX DRIVE BALL LOCK CHUCK is used on all depth sensitive screwdrivers. Assemble accessories by engaging the hex spindle and tapping lightly on the accessory until it snaps in place. Usually pliers are required to remove the accessory by pulling forward.

THE 1/4" HEX DRIVE QUICK CHANGE CHUCK (Fig. 1) is used on all positive, versa-clutch and adjustable clutch units. A ball retainer provides positive locking of all accessories in the chuck. Push forward on the ball retainer and hold while inserting or removing accessories. Release for positive accessory retention.

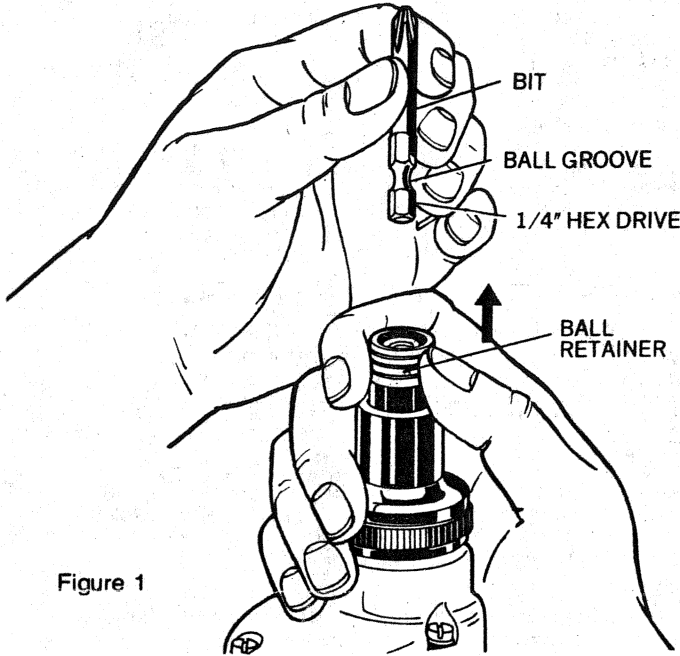


Figure 1

ACCESSORY ASSEMBLY & ADJUSTMENT FOR DEPTH SENSITIVE UNITS (Fig. 2)

The BALL LOCK CHUCK is used on all depth sensitive units.

To change Bit Holders on Drywall Units

1. Push forward on locator collar and unscrew collar AND locator from clutch housing.
2. Pull bit holder straight out with pliers if it is difficult to remove.
3. Push new bit holder into spindle until ball lock snaps in groove in bit holder shank.
4. Replace locator collar, spring and locator.

NOTE: Be sure spring is located inside collar.

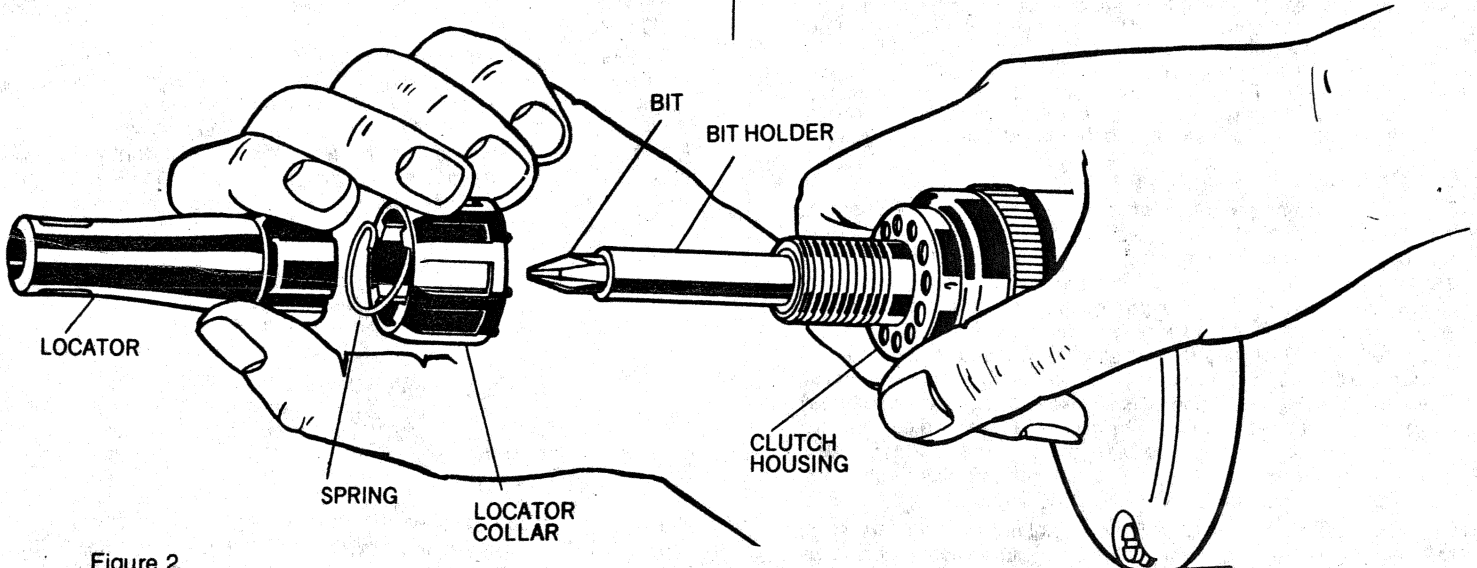


Figure 2

DEPTH ADJUSTMENT ON DRYWALL UNITS (Fig. 3)

1. Push forward on locator collar and turn locator and collar until end of bit extends 3/16" beyond end to locator.
2. Release locator collar being sure projections engage holes in clutch housing.
3. Test drive a fastener in scrap material to determine if fastener is correctly seating.
4. Further adjustment may be necessary to increase or decrease the fastener depth.

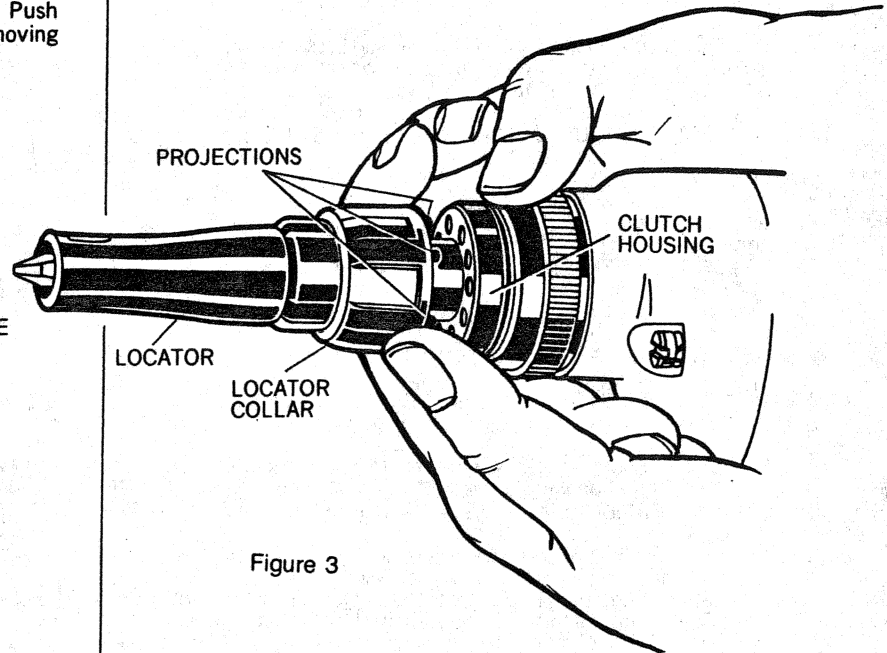


Figure 3

TO INCREASE, turn the locator so that end of bit extends further from end of locator.

TO DECREASE, turn the locator so that end of bit is closer to end of locator.

Black & Decker Drywall Units have very fine depth settings, each "click" is .0042" or one revolution of the locator collar equals .050" change in depth setting.

INSTALLING AND CHANGING NUTSETTERS AND LOCATORS ON DEPTH SENSITIVE UNITS FOR DRILL POINT SCREWS (Fig. 4)

1. Select nutsetter size desired.
2. Two locators are supplied, a 9/16" I.D. for 3/8" nutsetters and 1/2" I.D. for 5/16" nutsetters (1/2" I.D. supplied on unit) Match locator to desired size nutsetter or bit holder.
3. Drop nutsetter into nose of locator and rap end of nutsetter until ball lock snaps in groove in nutsetter shank.
4. To change the nutsetter or locator push forward on locator collar and unscrew collar AND locator from clutch housing.
5. Pull nutsetter straight out with pliers if it is difficult to remove.
6. Reassemble locator collar, spring and locator.
7. Assemble nutsetter as in step 3 above.

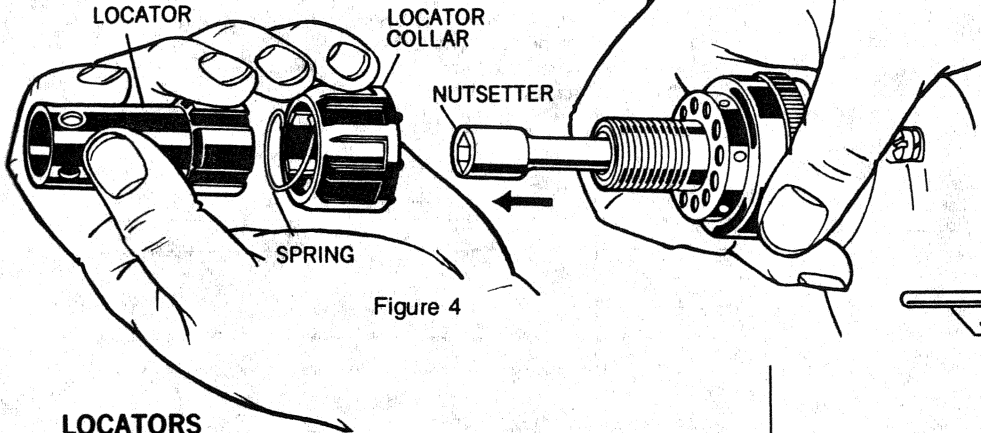


Figure 4

LOCATORS

Provide clearance needed for using 1/4", 5/16", 3/8" nutsetters with 1/4" Hex Drive Shanks
Available from B&D Service Centers

OPT. 90863	7/16" ID for 1/4" Hex Head Screws
STD. 87919	1/2" ID for 5/16" Hex Head Screws
STD. 87918	9/16" ID for 3/8" Hex Head Screws

DEPTH ADJUSTMENT ON DEPTH SENSITIVE UNITS FOR DRILL POINT SCREWS (Fig. 5)

1. For washer head screws:
Push forward on locator collar and turn locator and collar until end of nutsetter is flush with end of locator.
For large washer head and "sealer" screws:
Adjust as above until end of nutsetter is RECESSED approximately 1/16" into the locator.
2. Test drive a fastener in scrap material to determine if seating is correct.
3. Readjust if necessary.
Depth sensitive units have very fine depth settings, each "click" is .0042" or one revolution of the locator collar equals .050" change in depth setting.

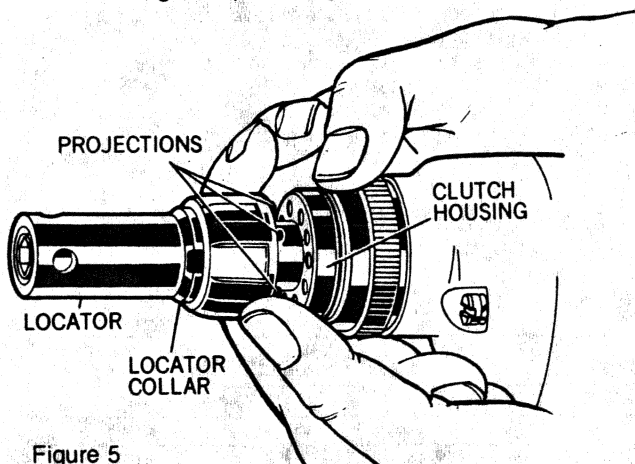


Figure 5

CLUTCH ADJUSTMENT ON ADJUSTABLE UNITS (Fig. 6)

FACTORY SET TO PROPER TORQUE FOR USE WITH NO-HUB® CONNECTORS USING 5/16 INCH HEX HEAD BAND CLAMP SCREWS.

NO-HUB® Connector manufacturers recommend hand-screw torque as follows:

Minimum Torque:	50 inch-pounds
Optimum Torque:	60 inch-pounds
Maximum Torque:	85 inch-pounds

It is recommended that initial coupling installations be checked for proper torque. Some torque variation can be expected between small and large couplings.

To adjust the clutch torque setting for higher or lower torque applications or to check the torque after a period of use:

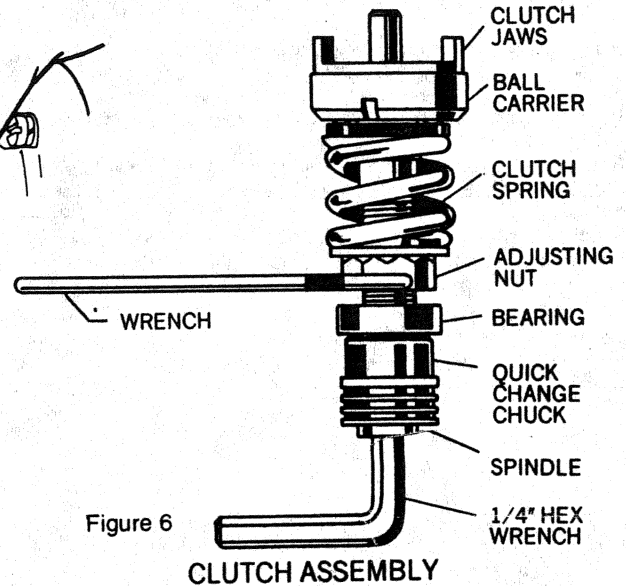


Figure 6

CLUTCH ASSEMBLY

1. Unscrew clutch housing in direction of arrow from gear case (left hand thread).
2. Slip clutch assembly out of clutch housing.
3. Supplied with unit is an open end adjustment wrench and 1/4" hex wrench. Insert 1/4" hex wrench into spindle (or insert hex bit into spindle and clamp in vise).
4. With open end wrench rotate adjust nut clockwise viewed from front to compress clutch spring to increase torque or in opposite direction to reduce torque.

CAUTION:

5. Clutch may lock up at high torque setting if the clutch spring is compressed to almost solid height. If this occurs the ball carrier will not "cam over" on the spindle and the clutch will not ratchet. Check the clutch manually by clamping the ball carrier jaws in a vise (protect jaws by clamping in soft material). Turn the spindle over several revolutions with the 1/4" hex wrench.
6. Check "static" torque output on the clutch assembly. Clamp the ball carrier jaws in a vise (protect Jaws). Using a torque wrench with range of 0 - 150 inch-pounds fitted with a 1/4" hex drive socket mounted in spindle slowly rotate spindle and observe torque reading on wrench.
7. NOTE: The resultant "dynamic" joint torque or fastener torque will be somewhat different from the "static" torque of the clutch assembly. This is due to type of materials being fastened. It is recommended the actual fastener torque be checked with a torque wrench.
8. Reassemble clutch assembly on unit.

ADJUSTABLE CLUTCH SCREWDRIVER OUTPUT CHART

(OPTIONAL CLUTCHES AVAILABLE THROUGH B&D SERVICE CENTERS)

RPM	Clutch Assembly	Hard Joint* Torque (In-Lb)	Soft Joint** Torque (In-Lb)
600	Standard 91142-01	35-150	18-140
	Optional 91142-00	8-40	5-24
	Optional 91142-02	5-17	5-15

*Metal to metal fastening. A "slamming home" of the fastener.

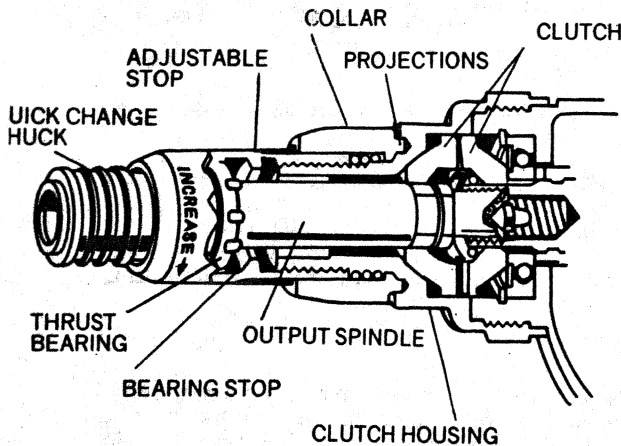
**Wood screwing. "Gathering" or "Drawing Up" fastening operations

ADJUSTMENT OF VERSA-CLUTCH UNITS (Fig. 7)

External adjustment of all Versa-Clutch Units for a wide range of fastener sizes is fast and easy as follows:

1. Push forward on collar to disengage projections from holes in clutch housing.
2. Rotate collar in INCREASE direction stamped on Adjustable Stop to increase the amount of clutch engagement and torque output.
3. Maximum rotation of the collar in the INCREASE direction results in full clutch engagement and maximum torque output and fastener capacity.
Any decrease from maximum results in the thrust bearing contacting the bearing stop and limits the clutch engagement decreasing torque output. Collar and adjustable stop will not screw off clutch housing.

Figure 7



NOTE: Numbers on clutch housing and indicator line on locator collar do not represent any preset value. The change in depth of clutch engagement is approximately .004" between projection holes on the clutch housing or .008" from number to number.

4. Test drive a fastener into a scrap piece to check proper fastener seating.

It is normal after a period of use to require a slightly different collar setting due to wear on the clutch faces.

DEAD SPINDLE ACTION

All Black & Decker screwdrivers provide a "dead" front spindle to permit fasteners to be located in the driving accessory. Clutches are held apart by light spring pressure permitting the driving clutch to rotate without turning the driven clutch and accessory. When sufficient forward pressure is applied to the unit, the clutches engage and rotate the spindle and accessories. A reversing switch makes it possible to drive or loosen either right or left-hand screws.

POSITIVE CLUTCH UNITS

RPM	NOMINAL CAPACITY			
	WOOD SCREWS	LAG SCREWS	THREAD CUTTING SCREWS	SHEET METAL SCREWS
600	#16	5/16" w/pilot hole	1/4"	5/16"
0-1200	#14	5/16" w/pilot hole	1/4"	1/4"
1900	#12	—	#12	1/4"

1. Install proper bit and set screwdrivers for correct rotation.
2. Place fastener on bit and contact work.
3. Apply steady pressure on screw driver to keep clutches engaged and bit in contact with fastener.
4. Upon fastener seating the clutches will ratchet. Disengage bit from fastener.

DEPTH SENSITIVE DRYWALL UNITS

RPM	NOMINAL CAPACITY
2500*	All Commercially
4000	Available Drywall
0-4000	Screws

*Recommended for 14 & 16 ga. studs and multiple board layers using long drill point drywall screws.

1. Install Drywall Bit in Bit Holder
2. Adjust Depth locator
3. Check for correct rotation, start screwdriver and place drywall screw on bit.
4. Contact drywall applying forward pressure to drive screw until depth locator contacts work surface. Screwdriver will ratchet automatically disengaging bit from screw.

DEPTH SENSITIVE FOR DRIVING SELF DRILLING, THREAD CUTTING, SHEET METAL & WOOD SCREWS

RPM	NOMINAL CAPACITY				SHEET METAL SCREWS
	WOOD SCREWS	SELF-DRILL SCREWS	THREAD CUTTING SCREWS		
		1/2" CRS	3/16" CRS		
2500	#12	#12	1/4"	1/4"	5/16"
0-2500	#12	#12	1/4"	1/4"	5/16"
1900	#12	#12	1/4"	1/4"	5/16"

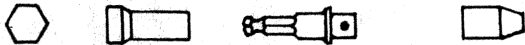
1. Install proper size nutsetter, socket, bit or driving accessory AND proper inside diameter locator to prevent fastener wobble. See set-ups below & on page 6:
2. Adjust depth locator.
3. Check for correct rotation, start screwdriver and place fastener in nutsetter, socket or bit.
4. Contact workpiece applying pressure to keep drilling screws cutting. Upon fastener seating depth locator will contact workpiece causing screwdriver to automatically ratchet disengaging the driving accessory from fastener.

HEX HEAD SCREWS USING ONE-PIECE 1/4" HEX DRIVE NUTSETTERS



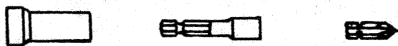
HEX SIZE	LOCATOR	NUTSETTER MAGNETIC	NUTSETTER NON-MAG.
1/4"	No. 90863 7/16" I.D.	65876	61105
5/16"	No. 87919 1/2" I.D.	65877	61106
3/8"	No. 87918 9/16" I.D.	65878	61107

HEX HEAD SCREWS USING 1/4" HEX DRIVE EXTENSION & SOCKETS



HEX SIZE	LOCATOR	EXTENSION	SOCKET MAGNETIC	SOCKET NON-MAG.
1/4"	No. 90863 7/16" I.D. No. 87919 1/2" I.D.	1/4" Sq. x 2" Long No. 20510	38420	20512
5/16"	No. 87919 1/2" I.D.		38422	20514
3/8"	No. 87918 9/16" I.D.		38424	20516

PHILLIPS, FREARSON, REED & PRINCE, POSIDRIV® & SOCKET HEAD CAP SCREWS USING 1/4" HEX DRIVE BIT TIP HOLDERS



SET-UP	LOCATOR	BIT TIP HOLDER	BIT TIPS
Magnetic	No. 90863 7/16" I.D.	63959	Select Bits from Accessory Page
Non-Mag.		61108	

ADJUSTABLE CLUTCH UNIT

RPM	NOMINAL CAPACITY			
	Wood Screws	Thread Cutting Screws	Machine Screws	Sheet Metal Screws
600	#14	1/4" 3/16" CRS	1/4"	5/16"

1. Install proper fastener driving accessory and set screwdriver for correct rotation.
2. Start screwdriver, place fastener on bit.
3. Contact workpiece and apply pressure to engage dead spindle clutch jaws.

NOTE: Torque output is controlled mechanically by the spring loaded clutch mechanism, and operator pressure has no effect on output.

4. Upon fastener seating, the ball-cam mechanism will ratchet. Disengage screwdriver from fastener.

VERSA-CLUTCH FOR DRIVING A WIDE RANGE OF FASTENERS

RPM	NOMINAL CAPACITY					
	WOOD SCREWS	LAG SCREWS	SELF DRILL SCREWS	THREAD CUTTING SCREWS	SHEET METAL SCREWS	MACHINE SCREWS
600	#16	5/16" w/pilot hole	—	1/4"	5/16"	1/4"
0-2500	#12	—	#12 1/2" CRS	1/4" 3/16" CRS	1/4"	5/16" 1/4"

1. Install proper fastener driving accessory and set screwdriver for correct rotation.
2. Adjust clutch setting.
3. Place fastener in accessory, contact workpiece and apply pressure to seat fastener keeping clutches engaged.
4. Upon fastener seating the clutches will ratchet. Disengage screwdriver from fastener.

NOTE: With Versa-Clutch the operator has the ability to "override" clutch ratchet if a fastener hits a wood knot, variable hardness in steel workpieces or incorrect pilot holes. Increased operator pressure will usually cause the clutches to "pick-up" and continue to seat the fastener. Further, a quick twist of the collar will change the clutch setting to overcome most driving difficulties and will provide for immediate change in torque output giving the operator option to drive a range of fastener sizes.

MAINTENANCE

CLEANING

With the motor running, blow dirt and dust out of all air vents with dry air at least once a week. Wear safety glasses when performing this.

Exterior plastic parts may be cleaned with a damp cloth and mild detergent. Although these parts are highly solvent resistant, NEVER use solvents.

CHANGING CLUTCHES (Fig. 8)

1. Remove clutch housing by unscrewing in direction of arrow (left hand thread).
2. Clamp tool or clutch housing in a resilient clamp.
3. Remove round clutch retaining rings with a very small screwdriver or sharp pointed tool.
4. Install new clutches and new retaining rings.
NOTE: If the output spindle slides toward inside of gear case, remove dead spindle spring and thread a 5/16" - 18 bolt or cap screw into end of spindle and lift up to expose retaining ring groove. Re-assemble dead spindle spring allowing no more than 1/4" projecting from end of spindle.
5. Relubricate clutches. (See lubrication)

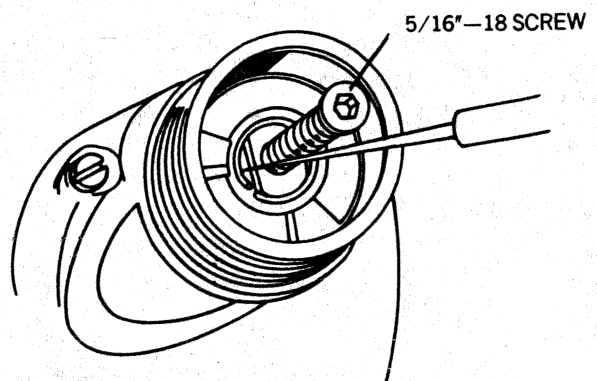


Figure 8

LUBRICATION (Fig. 9 & 10, page 7)

All ball bearings and needle roller bearings are factory lubricated for the life of the bearings. Needle roller bearings receive additional lubrication from the grease in the gear case.

Gearing and gear case should be re-lubricated every six months or when gear case is removed for servicing as follows: (more often if the tool is used constantly on production jobs)

1. Remove three gear case screws from front and disassemble gear case.
2. Clean out old grease and thoroughly clean all parts.
3. Relubricate gear box and gearing with the quantity of B&D Heavy Duty grease as called for on Parts Bulletin.
4. Reassemble.

Clutches should be lubricated at same time the gearing is re-lubricated in accordance with the following procedure:

1. Remove clutch housing by unscrewing in direction of arrow (left hand thread).
2. On Drywall, Depth Sensitive and Adjustable Clutch units slip clutch assembly from clutch housing.
3. Lightly brush or coat areas marked A, B & C with B&D Clutch Grease 69251. Coat clutch face inside nose of gear case.
4. On Positive and Versa-Clutch units the clutch assembly will not slip out of the clutch housing. It is necessary only to coat the clutch faces on these units.
5. Reassemble. Clutch housing assembled to gear case hand tight.

continued on page 7

DRYWALL & DEPTH SENSITIVE

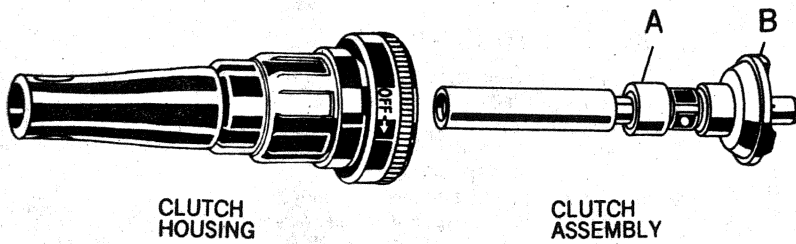


Figure 9

ADJUSTABLE CLUTCH

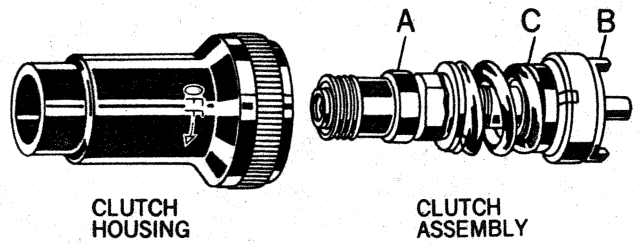


Figure 10

SCREWDRIVER ACCESSORIES

CAUTION: Recommended accessories for use with your Scrugun are shown on this page, and in the Black & Decker Industrial Catalog. The use of any other accessory or attachment might be hazardous.

The accessories listed in this manual are available at extra cost from your local dealer, Black & Decker Service Center, or by writing to: Customer Services, Black & Decker (U.S.) Inc., Towson, Maryland 21204

Hex Shank Bit Tip Holders for Non-Drywall Screwdrivers



1/4" HEX SHANK FOR 1/4" TIP

TYPE	LENGTH	CAT. NO.
Non-Magnetic	2-1/8"	61108
Magnetic	2-1/8"	63957

Hex Shank Insert Bits for Bit Tip Holders

SCREW TYPE	POINT SIZE	1/4" HEX CAT. NO.
 PHILLIPS	1	38403
	2	38404*
	3	38405
 2 drywall		52058†
 FREARSON REED & PRINCE	6 & larger 5 & smaller	38406 65902
 PHILLIPS POSIDRIV	2	61102
	3	61104
 SOCKET HEAD CAP SCREWS	1/8" 5/32" 3/16"	66270 66272 66274

Hex Shank Power Bits



SCREW TYPE	POINT SIZE	LENGTH	CAT. NO.
 PHILLIPS	1	1-15/16"	54595
	2	1-15/16"	54592†
	2	1-15/16"	39018*
	2	3-1/2"	54599†
	3	1-15/16"	54594
	2	3-1/2"	18098*
 PHILLIPS POSIDRIV	2	1-15/16"	61098
	3	1-15/16"	61100

1/4" Hex Drive Nutsetters —for driving hex head fastener



TYPE	SOCKET SIZE	LENGTH	CAT. NO.
Non-Magnetic	1/4"	2-9/16"	61105
	5/16"	2-9/16"	61106
	3/8"	2-9/16"	61107
Magnetic	1/4"	1-5/8"	49278
	1/4"	2-9/16"	65876
	5/16"	2-9/16"	65877
	3/8"	2-9/16"	65878

*For std. "soft" screws.

†For sheet metal, Tek, self-tapping screws.

SCREWDRIVER ACCESSORIES continued

Hex Drive Shank Extensions



*For use with 1/4" square drive sockets—1/4" hex.

SHANK SIZE	SQ. DR.	LENGTH	
1/4**	1/4"	2"	20510
1/4**	1/4"	6"	20511

Sockets for the above:

FOR DRIVING
HEX NUTS AND
SHEET METAL
SCREWS



1/4" Sq. Drive

TYPE	SOCKET SIZE	DIAM.	LENGTH	
	1/4"	1/2"	7/8"	20512
Non-Magnetic	5/16"	1/2"	7/8"	20514
	3/8"	9/16"	15/16"	20516
Magnetic	1/4"	7/16"	7/8"	38420
	5/16"	1/2"	7/8"	38422
	3/8"	9/16"	7/8"	38424

SCREW TYPE AND NUMBER SIZE

FLAT OR OVAL	ROUND	FILLISTER	BINDING	PAN	TRUSS			

1/4" Hex Bits For Slotted Head Screws

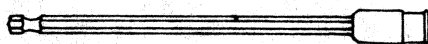
						BIT		
3,4	3,4	4,5	3	4	2	38412		
5	5	6	4	5	3,4	13208		
6	6	8	5	6	—	38413		
8	8	10	6,8	8	5,6	13207		
10	10,12	12	10	10	8	15475		
12,14,1/4	14,16,1/4	1/4	12,1/4	12,1/4	10	65901		
12	14,1/4	1/4	12	12	10	65901		

1/4" Hex Bits With Rotating Finder For Use With Any 1/4" Hex Drive Power Tool

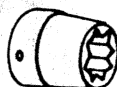
						BIT	BIT AND FINDER	BIT LENGTH
4,5	4,5	4,5,6	4,5	4,5	—	17688	17690	3-1/2"
8	8	8,10	6	8	5,6	13353	13356*	3-1/2"
8	8	8,10	6	8	5,6	13470	13469	6"
10	10	12	8,10	10	8,10	18594	18593	3-1/2"
12	12	1/4	—	12	—	46687	21731	3-1/2"

MISC. SCREWDRIVER ACCESSORIES

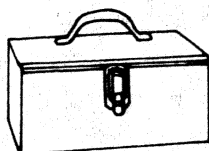
6" Hex Bit Extension Cat. No. 22539
For use with 1/4" Hex Shanks and/or other extensions.



1/4" Square Drive Magnetic Socket Cat. No. 38520
For driving 8 Pointed Nylon and Steel Headed Screws.



Heavy-Duty Tool Box
Cat. No. 50078



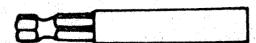
Scrugun® Holster Cat. No. 69590
Heavy leather holster attaches to belts up to 2-3/4" wide.



Magnetic Bit Tip Holders for Drywall Scruguns

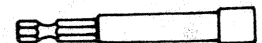
Cat. No. 52060

(Mfgs. No. M490)—1/4" Hex Shank for 1/4" Hex Tip (2-31/32 long) for use with No. 2035 Type 6, No. 2036 Type 5 Drywall Scruguns and Nos. 2035-09, 2036-09, 2037-09.



Cat. No. 52059

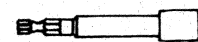
1/4" Hex Shank for 1/4" Hex Tip (3" long) for use only with No. 2035 Type 4 and No. 2036 Type 3 and older models.



Nutsetters

Cat. No. 40049

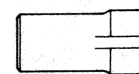
3-3/16" length
For 5/16" Hex Head Screws



Locator

Cat. No. 52071

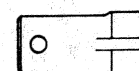
For Fab-Lok® Fasteners*



Locator

Cat. No. 52070

For Colorfixx® Fasteners*



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