

EA08 Hydraulic Earth Auger



USER MANUAL Safety, Operation and Maintenance



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DECLARATION OF CONFORMITY

DECLARATION OF CONFORMITY ÜBEREINSTIMMUNGS-ERKLARUNG DECLARATION DE CONFORMITE CEE DECLARACION DE CONFORMIDAD DICHIARAZIONE DI CONFORMITA

Weisbeck, Andy

Stanley EA08102A

Surname and First names/Familiennname und Vornamen/Nom et prénom/Nombre y apellido/Cognome e nome

hereby declare that the equipment specified hereunder: bestätige hiermit, daß erklaren Produkt genannten Werk oder Gerät: déclare que l'équipement visé ci-dessous: Por la presente declaro que el equipo se especifica a continuación: Dichiaro che le apparecchiature specificate di seguito:

1.	Category:
	Kategorie:
	Catégorie:
	Categoria:
	Categoria:

I, the undersigned:

Je soussigné:

El abajo firmante: lo sottoscritto:

Ich, der Unterzeichnende:

Earth Auger, Hydraulic

2. Make/Marke/Marque/Marca/Marca

3. Type/Typ/Type/Tipo/Tipo:

 Serial number of equipment: Seriennummer des Geräts: Numéro de série de l'équipement: Numero de serie del equipo: Matricola dell'attrezzatura:

Has been manufactured in conformity with Wurde hergestellt in Übereinstimmung mit Est fabriqué conformément Ha sido fabricado de acuerdo con E' stata costruita in conformitá con All

Directive/Standards	No.	Approved body
Richtlinie/Standards	Nr	Prüfung durch
Directives/Normes	Numéro	Organisme agréé
Directriz/Los Normas	No	Aprobado
Direttiva/Norme	n.	Collaudato
EN ISO	20643:2005	Self
EN ISO	3744:2010	Self
Machinery Directive	2006/42/EC:2006	Self
EN ISO	12100:2010	Self

 Special Provisions: None Spezielle Bestimmungen: Dispositions particulières: Provisiones especiales: Disposizioni speciali:

6. Representative in the Union: Patrick Vervier, Stanley Dubuis 17-19, rue Jules Berthonneau-BP 3406 41034 Blois Cedex, France. Vertreter in der Union/Représentant dans l'union/Representante en la Union/Rappresentante presso l'Unione

Done at/Ort/Fait à/Dado en/Fatto a <u>Stanley Hydraulic Tools, Milwaukie, Oregon USA</u>Date/Datum/le/Fecha/Data 1-10-11

Signature/Unterschrift/Signature/Firma/Firma	Andy Wish
Position/Position/Fonction/Cargo/Posizione	Director of Product Development

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IMPORTANT

To fill out a Product Warranty Validation form, and for information on your warranty, visit Stanleyhydraulics.com and select the Company tab, Warranty. (NOTE: The warranty Validation record must be submitted to validate the warranty).

SERVICING: This manual contains safety, operation, and routine maintenance instructions. Stanley Hydraulic Tools recommends that servicing of hydraulic tools, other than routine maintenance, must be performed by an authorized and certified dealer. Please read the following warning.

A WARNING

SERIOUS INJURY OR DEATH COULD RESULT FROM THE IMPROPER REPAIR OR SERVICE OF THIS TOOL.

REPAIRS AND / OR SERVICE TO THIS TOOL MUST ONLY BE DONE BY AN AUTHORIZED AND CERTIFIED DEALER.

For the nearest authorized and certified dealer, call Stanley Hydraulic Tools at the number listed on the back of this manual and ask for a Customer Service Representative.



SAFETY SYMBOLS

Safety symbols and signal words, as shown below, are used to emphasize all operator, maintenance and repair actions which, if not strictly followed, could result in a life-threatening situation, bodily injury or damage to equipment.



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

This safety alert and signal word indicate an imminently hazardous situation which, if not avoided, <u>will</u> result in <u>death or serious injury</u>.

This safety alert and signal word indicate a potentially hazardous situation which, if not avoided, <u>could</u> result in <u>death or serious injury</u>.

This safety alert and signal word indicate a potentially hazardous situation which, if not avoided, <u>could</u> result in <u>death or serious injury</u>.

This signal word indicates a potentially hazardous situation which, if not avoided, <u>may</u> result in <u>property damage</u>.

This signal word indicates a situation which, if not avoided, <u>will</u> result in <u>damage</u> to the equipment.

This signal word indicates a situation which, if not avoided, <u>may</u> result in <u>damage to the equipment</u>.

Always observe safety symbols. They are included for your safety and for the protection of the tool.

LOCAL SAFETY REGULATIONS

Enter any local safety regulations here. Keep these instructions in an area accessible to the operator and maintenance personnel.

SAFETY PRECAUTIONS

Tool operators and maintenance personnel must always comply with the safety precautions given in this manual and on the stickers and tags attached to the tool and hose.

These safety precautions are given for your safety. Review them carefully before operating the tool and before performing general maintenance or repairs.

Supervising personnel should develop additional precautions relating to the specific work area and local safety regulations. If so, place the added precautions in the space provided in this manual.

The EA08 Hydraulic Earth Auger will provide safe and dependable service if operated in accordance with the instructions given in this manual. Read and understand this manual and any stickers and tags attached to the tool and hoses before operation. Failure to do so could result in personal injury or equipment damage.



- Operator must start in a work area without bystanders. The operator must be familiar with all prohibited work areas such as excessive slopes and dangerous terrain conditions.
- Establish a training program for all operators to ensure safe operation.
- Do not operate the tool unless thoroughly trained or under the supervision of an instructor.
- Always wear safety equipment such as goggles, head protection, and safety shoes at all times when operating the tool.
- Do not inspect or clean the tool while the hydraulic power source is connected. Accidental engagement of the tool can cause serious injury.
- Do not operate the earth auger without first installing the torque tube.
- Do not install or remove an auger while the hydraulic power source is connected. Accidental engagement of the tool can cause serious injury.
- Never operate the earth auger if you cannot be sure that underground utilities are not present. Underground electrical utilities present an electrocution hazard. Underground gas utilities present an explosion hazard. Other underground utilities may present other hazards.
- Do not wear loose fitting clothing when operating the

earth auger. Loose fitting clothing can get entangled with the earth auger and cause serious injury.

- Always operate the earth auger at full throttle. Operating the earth auger with the trigger slightly depressed raises the hydraulic pressure which increases torque output. This type of operation can result in unexpected "kickback".
- Do not remove the earth auger from a hole until it has completely stopped turning.
- Supply hoses must have a minimum working pressure rating of 2500 psi/175 bar.
- Be sure all hose connections are tight.
- The hydraulic circuit control valve must be in the **OFF** position when coupling or uncoupling the tool. Wipe all couplers clean before connecting. Failure to do so may result in damage to the quick couplers and cause overheating of the hydraulic system. Use only lint-free cloths.
- Do not operate the tool at oil temperatures above 140 °F/60 °C. Operation at higher oil temperatures can cause operator discomfort and may damage the tool.
- Do not operate a damaged, improperly adjusted, or incompletely assembled tool.
- To avoid personal injury or equipment damage, all tool repair, maintenance and service must only be performed by authorized and properly trained personnel.
- Do not exceed the rated limits of the tool or use the tool for applications beyond its design capacity.
- Always keep critical tool markings, such as labels and warning stickers legible.
- Always replace parts with replacement parts recommended by Stanley Hydraulic Tools.
- Check fastener tightness often and before each use daily.

TOOL STICKERS & TAGS

Stanley Hydraulic Tools 3810 SE Naef Rd Milwaukie, Oregon 97267 U.S.A.
15-34 LPM/4-9 GPM
140 BAR/2000 PSI

23139 NAME TAG



39424 WARNING DECAL





39423 COMPOSITE DECAL



11206 CIRCUIT C STICKER



11207 CIRCUIT D DECAL



CE 28323 CE DECAL

DANGER

D. DO NOT LIFT OR CARRY TOOL BY THE HOSES. DO NOT ABUSE HOSE. DO NOT USE (INKED, TORN OR DAMAGED HOSE. MAKE SURE HYDRAULC HOSES ARE PROPERLY CON-NECTED TO THE TOOL BEFORE PRESSURING SYSTEM. SYSTEM PRESSURE HOSE MUST ALWAYS BE CON-NECTED TO TOOL 'IN' PORT. SYSTEM RETURN HOSE MUST ALWAYS BE CONNECTED TO TOOL 'OUT' PORT. REVERSING CONNECTED TO TOOL 'OUT' PORT. REVERSING CONNECTED TO TOOL 'OUT' PORT. PEVERSING CONNECTED TO TOOL 'OUT' PORT.

DO NOT CONNECT OPEN-CENTER TOOLS TO CLOSED CENTER HYDRAULIC SYSTEMS. THIS MAY RESULT IN LOSS OF OTHER HYDRAULIC FUNCTIONS POWERED BY THE SAME SYSTEM AND/OR SEVERE PERSONAL INJURY.

BYSTANDERS MAY BE INJURED IN YOUR WORK AREA. KEEP BYSTANDERS CLEAR OF YOUR WORK AREA.

WEAR HEARING, EYE, FOOT, HAND AND HEAD PRO-TECTION.

TO AVOID PERSONAL INJURY OR EQUIPMENT DAMAGE, ALL TOOL REPAIR MAINTENANCE AND SERVICE MUST ONLY BE PERFORMED BY AUTHORIZED AND PROPERLY TRAINED PERSONNEL.

IMPORTANT

READ OPERATION MANUAL AND SAFETY INSTRUCTIONS FOR THIS

TOOL BEFORE USING IT.

USE ONLY PARTS AND REPAIR PROCEDURES APPROVED BY STANLEY AND DESCRIBED IN THE

OPERATION MANUAL.

TAG TO BE REMOVED ONLY BY

TOOL OPERATOR

SEE OTHER SIDE

66409 SOUND POWER DECAL

3.

6

7

NOTE:

THE INFORMATION LISTED ON THE STICKERS SHOWN. MUST BE LEGIBLE AT ALL TIMES.

REPLACE DECALS IF THEY BECOME WORN OR DAMAGED. REPLACEMENTS ARE AVAILABLE FROM YOUR LOCAL STANLEY DISTRIBUTOR.

The safety tag (P/N 15875) at right is attached to the tool when shipped from the factory. Read and understand the safety instructions listed on this tag before removal. We suggest you retain this tag and attach it to the tool when not in use.



FAILURE TO USE HYDRAULIC HOSE LABELED AND CER-TIFIED AS NON-CONDUCTIVE WHEN USING HYDRAULIC TOOLS ON OR NEAR ELECTRICAL LINES MAY RESULT IN DEATH OR SERIOUS INJURY. BEFORE USING HOSE LABELED AND CERTIFIED AS NON CONDUCTIVE ON OR NEAR ELECTRIC LINES BE SURE THE

CUMULTIVE UN UN NEAR ELECTRIC LINES BE SURE THE HOSE IS MAINTAINED AS NON-CONDUCTIVE. THE HOSE SHOULD BE REGULARLY TESTED FOR ELECTRIC CUR-RENT LEAKAGE IN ACCORDANCE WITH YOUR SAFETY DEPARTMENT INSTRUCTIONS.

- A HYDRAULIC LEAK OR BURST MAY CAUSE OIL INJEC-TION INTO THE BODY OR CAUSE OTHER SEVERE PERSONAL INJURY.
- A. DO NOT EXCEED SPECIFIED FLOW AND PRESSURE FOR THIS TOOL. EXCESS FLOW OR PRESSURE MAY CAUSE A LEAK OR BURST. В.
- DO NOT EXCEED RATED WORKING PRESSURE OF HYDRAULIC HOSE USED WITH THIS TOOL. EXCESS PRESSURE MAY CAUSE A LEAK OR BURST. C.
- CHECK TOOL HOSE COUPLERS AND CONNECTORS DAILY FOR LEAKS. **DO NOT** FEEL FOR LEAKS WITH YOUR HANDS. CONTACT WITH A LEAK MAY RESULT IN SEVERE PERSONAL INJURY.

IMPORTANT

READ OPERATION MANUAL AND SAFETY INSTRUCTIONS FOR THIS TOOL BEFORE USING IT.

USE ONLY PARTS AND REPAIR PROCEDURES APPROVED BY STANLEY AND DESCRIBED IN THE **OPERATION MANUAL**

TAG TO BE REMOVED ONLY BY TOOL OPERATOR SEE OTHER SIDE

SAFETY TAG P/N 15875 (Shown smaller then actual size)



HOSE TYPES

The rated working pressure of the hydraulic hose must be equal to or higher than the relief valve setting on the hydraulic system. There are three types of hydraulic hose that meet this requirement and are authorized for use with Stanley Hydraulic Tools. They are:

Certified non-conductive — constructed of thermoplastic or synthetic rubber inner tube, synthetic fiber braid reinforcement, and weather resistant thermoplastic or synthetic rubber cover. *Hose labeled certified non-conductive is the only hose authorized for use near electrical conductors.*

Wire-braided (conductive) — constructed of synthetic rubber inner tube, single or double wire braid reinforcement, and weather resistant synthetic rubber cover. *This hose is conductive and must never be used near electrical conductors.*

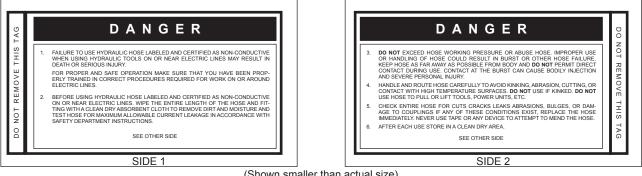
Fabric-braided (not certified or labeled non-conductive) — constructed of thermoplastic or synthetic rubber inner tube, synthetic fiber braid reinforcement, and weather resistant thermoplastic or synthetic rubber cover. *This hose is* **not** certified **non-conductive** and must never be used near electrical conductors.

HOSE SAFETY TAGS

To help ensure your safety, the following DANGER tags are attached to all hose purchased from Stanley Hydraulic Tools. DO NOT REMOVE THESE TAGS.

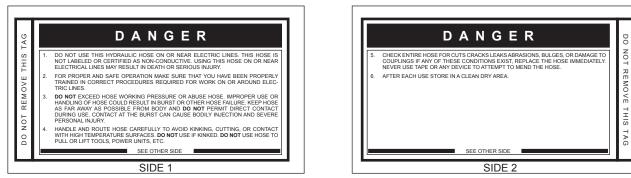
If the information on a tag is illegible because of wear or damage, replace the tag immediately. A new tag may be obtained from your Stanley Distributor.

THE TAG SHOWN BELOW IS ATTACHED TO "CERTIFIED NON-CONDUCTIVE" HOSE



(Shown smaller than actual size)

THE TAG SHOWN BELOW IS ATTACHED TO "CONDUCTIVE" HOSE.



(Shown smaller than actual size)

g Pressure	BAR		155	JRS	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175
Min. Working Pressure	PSI	rucks	2250	AL CONDUCTO	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
USE	(Press/Return)	Certified Non-Conductive Hose - Fiber Braid - for Utility Bucket Trucks	Both	Conductive Hose - Wire Braid or Fiber Braid -DO NOT USE NEAR ELECTRICAL CONDUCTORS	Both	Both	Both	Both	Pressure	Return	Both	Pressure	Return	Pressure	Return	Pressure	Return	Pressure	Return
iameter	MM	- Braid - for	10	IOT USE NE	10	13	13	16	16	19	16	16	19	19	25.4	16	19	19	25.4
Inside Diameter	INCH	Hose - Fiber	3/8	Braid -DO N	3/8	1/2	1/2	5/8	5/8	3/4	5/8	5/8	3/4	3/4	-	5/8	3/4	3/4	-
engths	METERS	n-Conductive	up to 3	Braid or Fiber	up to 7.5	7.5-30	up to 15	15-30		08-00	up to 15	0	02-01	0000	00-00	C	o oi dn	000	0.5-0
Hose Lengths	FEET	Certified No	up to 10	'e Hose - Wire	up to 25	26-100	up to 50	51-100		000-001	up to 50	007 7	001-10		002-001		cz oj dn	007	001-02
-low	LPM		15-34	Conductiv	15-23	15-23	19-40	19-40	07 07	04-0	38-49	00 00	50-4G	07 00	00-40 0-40	0	4%-00	000	4%-00
Oil Flow	GPM		4-9		4-6	4-6	5-10.5	5-10.5	1 1 1	0.01-0	10-13	7	- I - I 3	7		0 7 7	0	0 7 7	0
ended (gpm)/ nenda- essure essure estions. r rated r maxi- i17.																			

Tool to Hydraulic Circuit Hose Recommendations

The chart to the right shows recommende minimum hose diameters for various hos lengths based on gallons per minute (gpm liters per minute (lpm). These recommends tions are intended to keep return line pressur (back pressure) to a minimum acceptable lev el to ensure maximum tool performance.

This chart is intended to be used for hydrautool applications only based on Stanley H draulic Tools tool operating requirements a should not be used for any other application

All hydraulic hose must have at least a rate minimum working pressure equal to the max mum hydraulic system relief valve setting. All hydraulic hose must meet or exceed specifications as set forth by SAE J517.

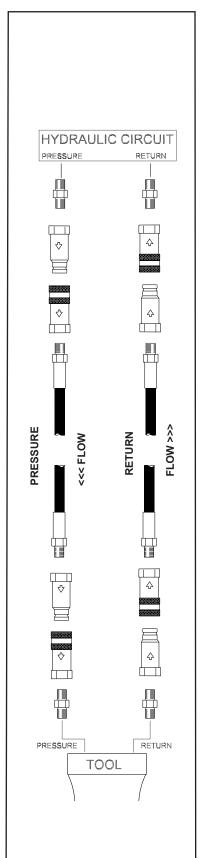


Figure 1. Typical Hose Connections

HOSE RECOMMENDATIONS

HTMA / EHTMA REQUIREMENTS

ITMA		TOOL T	/PE	
IYDRAULIC SYSTEM REQUIREMENTS	ΤΥΡΕ Ι	TYPE II	TYPE RR	TYPE III
Flow Range	4-6 gpm (15-23 lpm)	7-9 gpm (26-34 lpm)	9-10.5 gpm (34-40 lpm)	11-13 gpm (42-49 lpm)
Nominal Operating Pressure (at the power supply outlet)	1500 psi (103 bar)	1500 psi (103 bar)	1500 psi (103 bar)	1500 psi (103 bar)
System relief valve setting (at the power supply outlet)	2100-2250 psi (145-155 bar)	2100-2250 psi (145-155 bar)	2200-2300 psi (152-159 bar)	2100-2250 psi (145-155 bar)
Maximum back pressure (at tool end of the return hose)	250 psi (17 bar)	250 psi (17 bar)	250 psi (17 bar)	250 psi (17 bar)
Measured at a max. fluid viscosity of: (at min. operating temperature)	400 ssu* (82 centistokes)	400 ssu* (82 centistokes)	400 ssu* (82 centistokes)	400 ssu* (82 centistokes
Temperature: Sufficient heat rejection capacity to limit max. fluid temperature to: (at max. expected ambient temperature)	140° F (60° C)	140° F (60° C)	140° F (60° C)	140° F (60° C)
Min. cooling capacity at a temperature difference of between ambient and fluid temps NOTE: Do not operate the tool at oil temperatures above 140° F (discomfort at the tool.	3 hp (2.24 kW) 40° F (22° C) 60° C). Operation at	5 hp (3.73 kW) 40° F (22° C) thigher temperatu	6 hp (5.22 kW) 40° F (22° C) res can cause ope	7 hp (4.47 kW) 40° F (22° C) erator
Filter Min. full-flow filtration Sized for flow of at least: (For cold temp. startup and max. dirt-holding capacity)	25 microns 30 gpm (114 lpm)	25 microns 30 gpm (114 lpm)	25 microns 30 gpm (114 lpm)	25 microns 30 gpm (114 lpm)
Hydraulic fluid Petroleum based (premium grade, anti-wear, non-conductive) Viscosity (at min. and max. operating temps)	100-400 ssu* (2	100-400 ssu* 0-82 centistokes)	100-400 ssu*	100-400 ssu*
NOTE: When choosing hydraulic fluid, the expected oil temperatu most suitable temperature viscosity characteristics. Hydra over a wide range of operating temperatures.				

*SSU = Saybolt Seconds Universal

EHTMA	CLASSIFICATION							
HYDRAULIC SYSTEM REQUIREMENTS	B ISLEM of 138bor EHTMA CATEGORY	20Lpm at 138bar EHTMA CATEGORY	JOLpm at 138bar EHTMA CATEGORY	40Lpm at 138bar EHMA CATEGORY	F 50Lpm at 138bar EHTMA CATEGORY			
Flow Range	3.5-4.3 gpm (13.5-16.5 lpm)	4.7-5.8 gpm (18-22 lpm)	7.1-8.7 gpm (27-33 lpm)	9.5-11.6 gpm (36-44 lpm)	11.8-14.5 gpm (45-55 lpm)			
Nominal Operating Pressure	1870 psi	1500 psi	1500 psi	1500 psi	1500 psi			
(at the power supply outlet)	(129 bar)	(103 bar)	(103 bar)	(103 bar)	(103 bar)			
System relief valve setting (at the power supply outlet)	2495 psi (172 bar)	2000 psi (138 bar)	2000 psi (138 bar)	2000 psi (138 bar)	2000 psi (138 bar)			

NOTE: These are general hydraulic system requirements. See tool specification page for tool specific requirements



OPERATION

PRE-OPERATION PROCEDURES PREPARATION FOR INITIAL USE

The handles and torque tube, which are shipped unattached, must be connected to the tool prior to operation. An optional auger bit must also be connected to the tool for proper operation. Inspect the tool to assure the tool was not damaged in shipping and does not contain packing debris.

CHECK HYDRAULIC POWER SOURCE

- 1. Using a calibrated flowmeter and pressure gauge, check that the hydraulic power source develops a flow of 4–9 gpm/15–34 lpm at 2000 psi/140 bar.
- 2. Make certain the hydraulic power source is equipped with a relief valve set to open at 2100–2250 psi/145– 155 bar minimum.
- 3. Check that the hydraulic circuit matches the tool for open-center (OC) operation.

INSTALL HANDLES

Refer to the assembly instructions provided with the tool.

1. Install the handles (1) and fasteners (2). Tighten each fastener to 40 ft. lbs./54 Nm.

CHECK TOOL

- 1. Make sure all tool accessories are correctly installed. Failure to install tool accessories properly can result in damage to the tool or personal injury.
- 2. There should be no signs of leaks.
- 3. The tool should be clean, with all fittings and fasteners tight.

CHECK TRIGGER MECHANISM

1. Check that the trigger operates smoothly and is free to travel between the **ON–OFF–ON** positions.

INSTALL AUGER BIT

The EA08 Earth Auger accepts a standard 1-3/8 inch female hex socket.

- 1. Align the hole on the auger chuck with the hole in the coupler (15).
- 2. Slide the auger chuck into the coupler. Secure it using the clevis pin (33) and hairpin cotter (34).

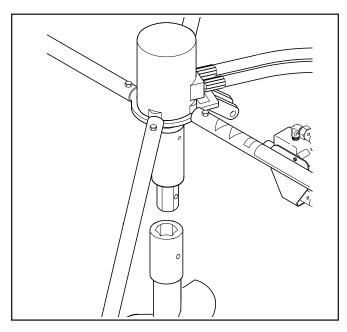
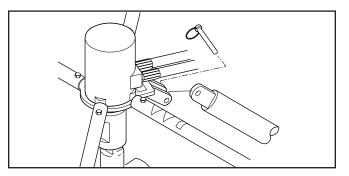


Figure 2. Installing the Auger

INSTALL TORQUE TUBE

- 1. The torque tube is attached to the base as shown in Figure 3. Be sure to use the cotterless clevis pin provided with the unit. Make sure the pin is pushed through both holes in the base.
- 2. The opposite end of the tube can be connected to a solid object, such as the Stanley hydraulic power unit, a trailer hitch ball, ground stake, etc.





CONNECT HOSES

- 1. Wipe all hose couplers with a clean lint-free cloth before making connections.
- 2. Connect the hoses from the hydraulic power source to the hose couplers on the tool. It is a good practice to connect the return hose first and disconnect it last to minimize or avoid trapped pressure within the tool.



OPERATION

3. Observe flow indicators stamped on hose couplers to be sure that oil will flow in the proper direction. The female coupler is the inlet coupler.

NOTE:

The pressure increase in uncoupled hoses left in the sun may result in making them difficult to connect. When possible, connect the free ends of operating hoses together.

OPERATING PROCEDURES

- 1. Observe all safety precautions.
- 2. Make sure the torque tube is attached to the base of the EA08 and anchored to a solid object.

NOTE:

It is recommended to always use the torque tube.

- Position yourself so that you are able to operate the ON/OFF trigger with your right hand. Grasp each handle firmly. Your helper positions himself/herself directly opposite and facing you and grasping each handle firmly.
- 4. Lift the EA08, with auger attached, and position the auger so it is perpendicular to where you intend to dig. The auger should be just above (not touching) the ground.
- 5. With your feet, and your helper's feet, spread and firmly planted, squeeze the ON/OFF trigger fully to start the auger turning.

- 6. Lower the EA08 until the auger starts digging. With soft soil the auger will penetrate into the ground with little effort and may require you to apply a slight lift to the EA08. With hard soil the auger cannot penetrate the ground easily and may require you to apply some down pressure to the EA08. Try not to apply enough down pressure to stall the auger. Augering in different soils requires different techniques and practice to become proficient.
- After reaching the desired depth, lift the auger straight out of the hole. Always release the ON/OFF trigger before the tip of the auger reaches the top of the hole.

COLD WEATHER OPERATION

If the tool is to be used during cold weather, preheat the hydraulic fluid at low engine speed. When using the normally recommended fluids, fluid temperature should be at or above 50 °F/10 °C (400 ssu/82 centistokes) before use.

TROUBLESHOOTING

If symptoms of poor performance develop, the following chart can be used as a guide to correct the problem.

When diagnosing faults in operation of the tool, always check that the hydraulic power source is supplying the correct hydraulic flow and pressure to the tool as listed in the table. Use a flowmeter known to be accurate. Check the flow with the hydraulic oil temperature at least 80 $^{\circ}$ F/27 $^{\circ}$ C.

SYMPTOM	CAUSE	SOLUTION
Earth auger does not run.	Power unit not functioning.	Check power unit for proper flow and pressure (4–9 gpm/15–34 lpm, 2000 psi/140 bar).
	Couplers or hoses blocked.	Remove restriction.
	Pressure and return line hoses reversed at ports.	Be sure hoses are connected to their proper ports.
Poor earth auger performance.	Power unit not functioning.	Check power unit for proper flow and pressure (4–9 gpm/15–34 lpm, 2000 psi/140 bar).
	Couplers or hose blocked.	Remove restriction.
	Fluid too hot (above 140 °F/60 °C).	Provide cooler to maintain proper fluid temperature.
Earth auger operates slow.	Low oil flow from power unit.	Check power source for proper flow.
	High back-pressure.	Check hydraulic system for excessive back-pressure and correct as required.

SPECIFICATIONS

Pressure Range Maximum Back Pressure	
Couplers	HTMA/EHTMA Flush Face Type Male & Female
Connect Size and Type	
Weight	
Overall Length	
Overall Width	
Overall Height (Less Auger)	
Maximum Fluid Temperature	
HTMA Class I	
EHTMA Category	
HTMA Class II	
EHTMA Category	

SOUND POWER AND VIBRATION DECLARATION				
Measured A-weighted sound power level, Lwa (ref. 1pW) in decibels	96 dBA			
Uncertainty, Kwa, in decibels	3 dBA			
Measured A-weighted sound pressure level, Lpa (ref. 20 µPa) at operator's position, in decibels	81.5 dBA			
Uncertainty, Kpa, in decibels	3 dBA			
Values determined according to noise test code given in ISO 15744, using the basic standard ISO 3744 NOTE: The sum of a measured noise emission value and its associated uncertainty represents an upper boundary of the range of values which is likely to occur in measurements.				
Declared vibration emission value in accordance with EN 12096				
Measured vibration emission value: a	6.3 m/sec ²			
Uncertainty: K	2.3 m/sec ²			
Values determined according to ISO 8662-1, ISO 5349-1,2				

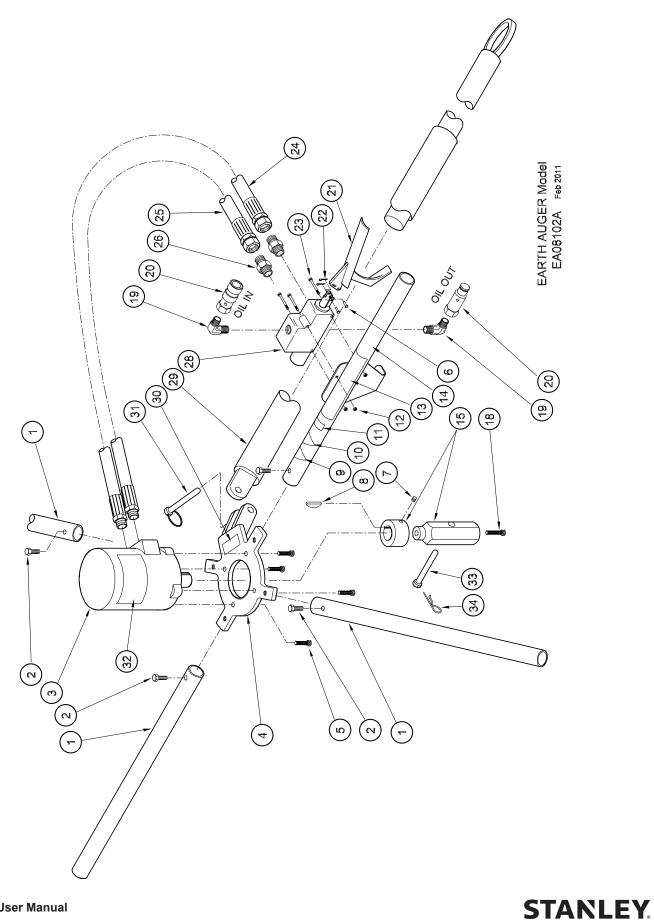
ACCESSORIES

DESCRIPTION

PART NUMBER

2 in. Dia. × 42 in. OAL (Requires 58585 Coupler)	
3 in. Dia. × 42 in. OAL (Requires 58586 Coupler)	47407
4 in. Dia. × 42 in. OAL	
6 in. Dia. × 42 in. OAL	
8 in. Dia. × 42 in. OAL	47410
10 in. Dia. × 42 in. OAL	
12 in. Dia. × 42 in. OAL	
16 in. Dia. × 42 in. OAL	
18 in. Dia. × 42 in. OAL	
Digging Tooth with Hardface	
2 in. Center Screw Bit, 6–12 in.	
3 in. Center Screw Bit	
4 in. Center Screw Bit	
13/16 \times 1-3/8 in. Hex Coupler for use with 47406 Auger	
$1-1/8 \times 1-3/8$ in. Hex Coupler for use with 47407 Auger	
Coupler, 1-1/4 inch Hex Assy	65477

EA08 PARTS ILLUSTRATION



EA08 PARTS LIST

ITEM	PART NO.	QTY	DESCRIPTION
1	37919	3	HANDLE
2	39415	4	CAPSCREW
3	39276	1	MOTOR (PARKER TB-0165-F-S-10-0- AAAB
4	37917	1	BASE ASSY
5	06151	4	CAPSCREW
6	-	2	CLEVIS PIN (FURNISHED WITH ITEM 28)
7	00720	1	SET SCREW
8		1	KEY (FURNISHED WITH ITEM 3)
9	11207	1	CIRCUIT TYPE D STICKER
10	11206	1	CIRCUIT TYPE C STICKER
11	28323	1	CE STICKER
12	00719	3	NUT, NYLOCK
13	39423	1	COMPOSITE DECAL
14	39277	1	VALVE MOUNT HANDLE
15	43662	1	COUPLER, 1-3/8 HEX
	00718	1	CAPSCREW
19	39404	2	ELBOW
20	03974	1	COUPLER SET
21	39279	1	TRIGGER
22	—	2	COTTER PIN (INCL WITH ITEM 28)
23	08253	3	CAPSCREW
24	39283	1	HOSE, LONG
25	39282	1	HOSE, SHORT
26	10351	2	ADAPTER
28	39278	1	VALVE, BRAND A0755-T-4-J-S
29	37923	1	TORQUE TUBE ASSY
30	23139	1	NAME TAG
31	21181	1	PIN
32	39424	1	WARNING DECAL
33	44908	1	CLEVIS PIN
34	44909	1	HAIRPIN COTTER
	66409	1	SOUND POWER LEVEL DECAL (NOT SHOWN)

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Stanley Hydraulic Tools 3810 SE Naef Road Milwaukie, Oregon 97267-5698 USA (503) 659-5660 / Fax (503) 652-1780 www.stanleyhydraulics.com