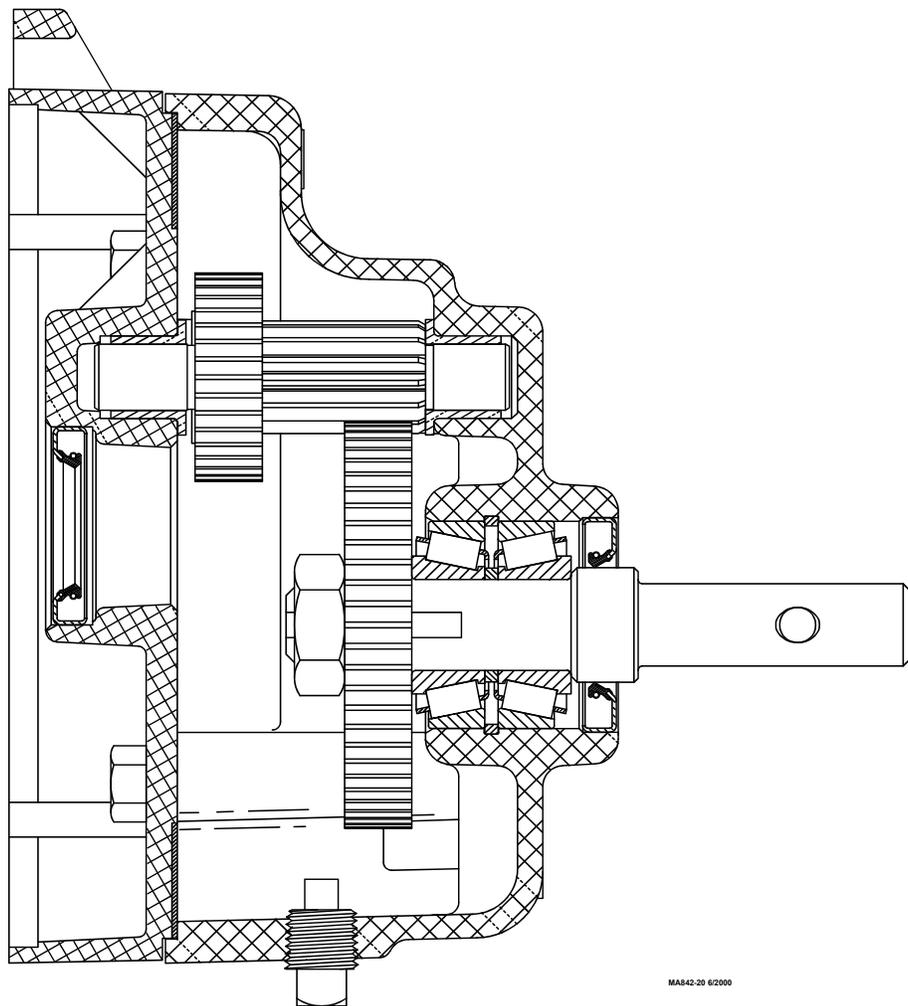


3261 Series Gearheads

Identification, Specifications, Applications, and Repair Parts Lists



MA842-20 6/2000

Limited Warranty

Chore-Time Group, a division of CTB, Inc. (“Chore-Time”) warrants new CHORE-TIME Poultry Production Components manufactured by Chore-Time to be free from defects in material or workmanship under normal usage and conditions, for One (1) year from the date of installation by the original purchaser (“Warranty”). If such a defect is determined by Chore-Time to exist within the applicable period, Chore-Time will, at its option, (a) repair the Product or Component Part free of charge, F.O.B. the factory of manufacture or (b) replace the Product or Component Part free of charge, F.O.B. the factory of manufacture. This Warranty is not transferable, and applies only to the original purchaser of the Product.

CONDITIONS AND LIMITATIONS

THIS WARRANTY CONSTITUTES CHORE-TIME’S ENTIRE AND SOLE WARRANTY AND CHORE-TIME EXPRESSLY DISCLAIMS ANY AND ALL OTHER WARRANTIES, INCLUDING, BUT NOT LIMITED TO, EXPRESS AND IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, WARRANTIES AS TO MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSES. CHORE-TIME shall not be liable for any direct, indirect, incidental, consequential or special damages which any purchaser may suffer or claim to suffer as a result of any defect in the Product. Consequential or Special Damages as used herein include, but are not limited to, lost or damaged products or goods, costs of transportation, lost sales, lost orders, lost income, increased overhead, labor and incidental costs, and operational inefficiencies. *Some jurisdictions prohibit limitations on implied warranties and/or the exclusion or limitation of such damages, so these limitations and exclusions may not apply to you. This warranty gives the original purchaser specific legal rights. You may also have other rights based upon your specific jurisdiction.*

Compliance with federal, state and local rules which apply to the location, installation and use of the Product are the responsibility of the original purchaser, and CHORE-TIME shall not be liable for any damages which may result from non-compliance with such rules.

The following circumstances shall render this Warranty void:

- Modifications made to the Product not specifically delineated in the Product manual.
- Product not installed and/or operated in accordance with the instructions published by the CHORE-TIME.
- All components of the Product are not original equipment supplied by CHORE-TIME.
- Product was not purchased from and/or installed by a CHORE-TIME authorized distributor or certified representative.
- Product experienced malfunction or failure resulting from misuse, abuse, mismanagement, negligence, alteration, accident, or lack of proper maintenance, or from lightning strikes, electrical power surges or interruption of electricity.
- Product experienced corrosion, material deterioration and/or equipment malfunction caused by or consistent with the application of chemicals, minerals, sediments or other foreign elements.
- Product was used for any purpose other than for the care of poultry and livestock.

The Warranty and Extended Warranty may only be modified in writing by an officer of CHORE-TIME. CHORE-TIME shall have no obligation or responsibility for any representations or warranties made by or on behalf of any distributor, dealer, agent or certified representative.

Effective: **April, 2014**

Chore-Time Group
A division of CTB, Inc.
PO Box 2000
Milford, Indiana 46542-2000 USA
Phone (574) 658-4101 Fax (877) 730-8825
E-mail: poultry@choretime.com
Internet: www.choretimepoultry.com

Introduction

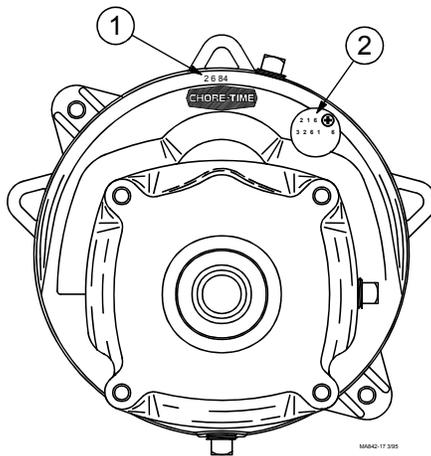
The purpose of this publication is to provide the necessary information and part numbers for field repair of gearheads.

Note: Field repaired gearheads or gears do not have warranty coverage.

Gearhead Identification

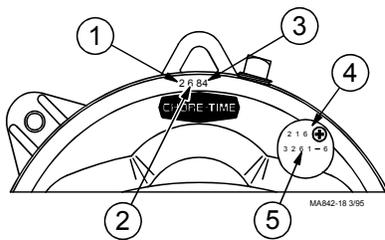
Effective March 1, 1984, Chore-Time began stamping a three part identification code number on the face of 3261 series gearheads. This code number is used to provide information about the specification and capacities of the gearhead. See figure 1 and 2.

Effective July 1, 1988, Chore-Time began fastening a tag to the face of each gearhead (instead of stamping) to provide information about the specifications and capacities of the gearhead. See **Figures 1 and 2**.



Item	Description
1	Gearheads manufactured between March 1, 1984 and July 1, 1988, will have a code stamped here
2	Gearheads manufactured from July 1, 1988 to present will have a code tag here.

Figure 1. Identification Code placement



	Item	Description
From March 1, 1984 to June 30, 1988	1	Indicates RPM (as rated with a 1725 RPM Motor). The first digit of the gearhead's RPM is shown here: 0=62 RPM 1=129 RPM 2=216 RPM 3=348 RPM
	2	Indicates series of 3261 Gearhead. The 3261-0 series all contain a "dash number" following the 3261. This part of the code identifies the "dash number" of the gearhead.
	3	Denotes year of manufacture
From July 1, 1988 to Present	4	Denotes RPM (based on 1725 RPM, 60 Hz Motor)
	5	Denotes Gearhead part number

This manual is designed to provide comprehensive planning, installation, safety, operation, and parts listing information. The Table of Contents provides a convenient overview of the information in this manual. The Table of Contents also specifies which pages contain information for the sales personnel, installer, and consumer (end user).

Gearhead Specifications Chart

The chart below provides gearhead specification information for the various Chore-Time applications (fill systems, feeders, etc.).

Gearhead	Output Shaft Size	Pinion Assembly*	Motor RPM	Motor Hz	Output RPM	Primary Applications
3261-1	5/8	3249	1425	50	180	Model C, C2, H2, G, 2000
3261-1	5/8	3249	1725	60	216	
3261-2	5/8	3249	1725	60	129	CF & MT Cage Feeders
3261-5	5/8	5046	1725	60	348	Model C, C2, H2, G, 2000, Pan Breeder Adult Turkey Feeder Model 55, 75, 90, HMC, 125, 108
3261-5	5/8	5046	1425	50	290	
3261-5	5/8	5046	2850	50	580	
3261-5	5/8	5046	3450	60	696	
3261-6	7/8	3249	1425	50	180	Model 75, 90, HMC, 125, 108, CDS, MULTIFLO
3261-6	7/8	3249	1725	60	216	
3261-7	7/8	6104	1725	60	348	Model 75, 90, HMC, 125, 108, CDS, Fill Loops
3261-7	7/8	5046	1725	60	348	
3261-7	7/8	5046	1425	50	290	International Model 75, 90, HMC, 125, 108
3261-8	7/8	3249	825	60	62	MULTIFLO, Model 75, HMC
3261-8	7/8	3249	1725	60	129	
3261-8	7/8	3249	1425	50	104	International ULTRAPAN
3261-9	7/8	3249	1425	50	52	ULTRAFLO (cage), ULTRAFLO Fill Loop. ULTRAFLO Breeder Feeder
3261-9	7/8	3249	1725	60	62	
3261-10	7/8	5046	1725	60	425	Model 108, 125, HMC, 75, 90
3261-10	7/8	5046	1425	50	348	
3261-10	7/8	6104	1725	60	425	
3261-10	7/8	6104	1425	50	348	
3261-11	5/8	5046	2850	50	708	Pan Breeder Feeder, Model C, C2, H2, G, 2000, Flag Fill Systems 55, Adult Turkey Feeder
3261-11	5/8	5046	1425	50	348	
3261-12	7/8	25836	1725	60	78	ULTRAFLO (cage), ULTRAFLO Fill Loop, MULTIFLO, ULTRAPAN, ULTRAFLO Breeder Feeder
3261-12	7/8	25836	1425	50	62	
3261-13	7/8	5046	1725	60	584	Model 90 (special application ULTRAPAN & ULTRAFLO Breeder Feeder)
3261-13	7/8	6104	1425	50	474	
3261-13	7/8	6104	1725	60	584	
3261-13	7/8	5046	1425	50	474	
3261-14	7/8	25836	1425	50	78	ULTRAFLO (cage) & ULTRAPAN
3261-14	7/8	25836	1725	60	95	
3261-15	7/8	3249	1725	60	62	Collectors and Cross Conveyors
3261-16	7/8	6104	1425	50	580	International Model 90 ULTRAPAN Fill
3261-17	5/8	5046	1725	60	696	Pan Breeder Feeder
3261-21	7/8	53390	1725	60	62	UF Cage Fdr, Egg Collector, MMB Drives Machined
3261-22	7/8	25836	1425	50	62	UF Cage Feeders-Machined Gears

*See Figure 3 on page 5.

Rebuilding Gearheads

The 3261 series of gearheads can be successfully rebuilt to give additional years of service if the following recommendations are observed.

Disassembly: All gears should be removed from the gearhead to allow the gears and bearings to be inspected for wear and/or damage. Any gear or bearing that shows wear or damage should be replaced.

Cleaning: Before reassembling the gearhead, all parts should be thoroughly cleaned in a solvent. Particular attention should be given to the housing, bearings, and gears to insure that all metal deposits are removed.

Reassembly: Replace all gaskets and Oil Seals.

Tighten the Output Shaft Nut to 60-70 ft/lbs [81.4-94.9 Nm] torque.

Check the pinion on the motor shaft to be sure it is not damaged or worn. Tighten the setscrew.

Tighten the four 5/16-18 hex head bolts to 140-145 in/lbs [15.8-16.4 Nm] torque in an "x" fashion. See **Figure 3**.

Lubrication: Use ISO150 gear oil or S.A.E. 40W oil. Detergent oil is preferred if it contains non-foaming agents. Most automotive detergent oils contain non-foaming agents.

All the gearheads require 9 ounces [266 ml] of oil (except 3261-9, 3261-12, 3261-14, 3261-21, and 3261-22, which require 13.5 ounces [400 ml] of oil).

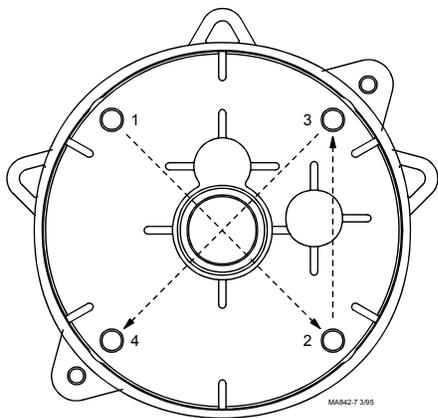
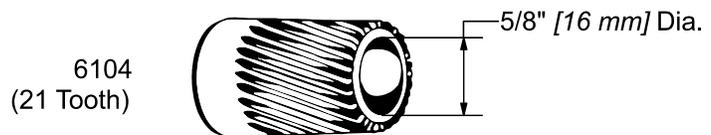
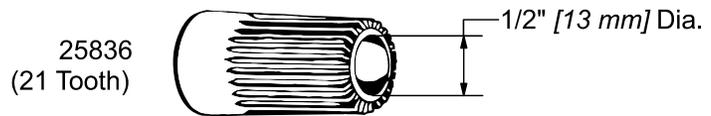
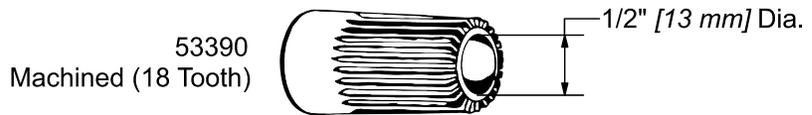
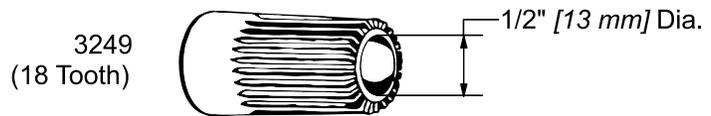
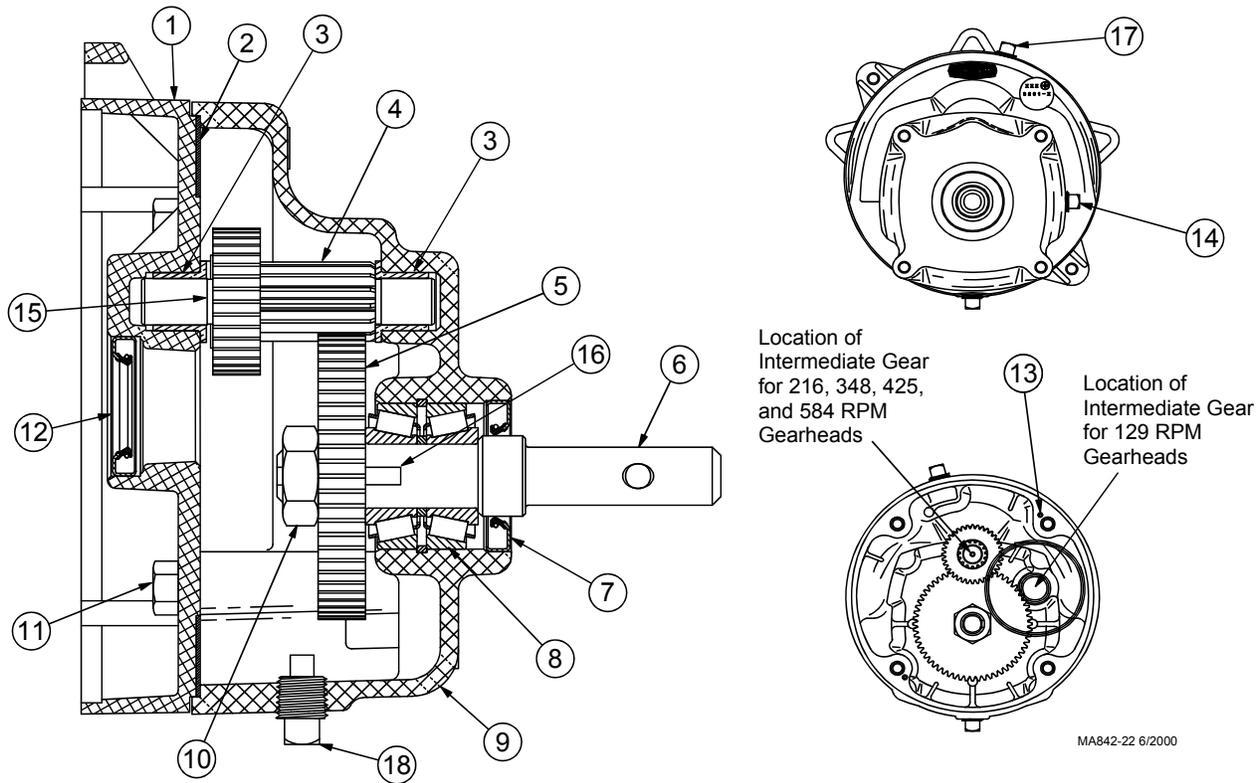


Figure 3. Bolt tightening sequence and Pinion Identification

Pinion Identification



Two-Stage Gearhead Parts Listing



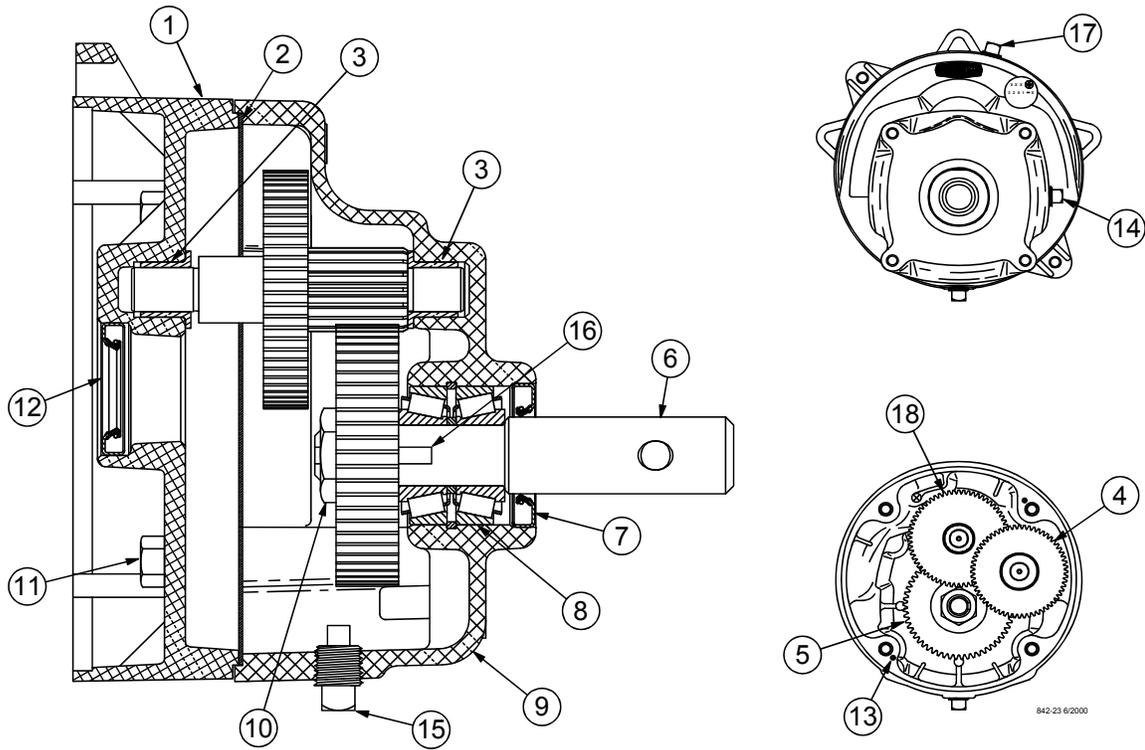
Item	Description (Output RPM)*	Part Number										
		3261-1 216	3261-2 129	3261-5 348	3261-6 216	3261-7 348	3261-8 129	3261-10 425	3261-11 425	3261-13 584	3261-16 696	3261-17 696
1	Adapter (Mach)	3174	3174	3174	3174	3174	3174	3174	3174	3174	3174	3174
2	Gasket	3258	3258	3258	3258	3258	3258	3258	3258	3258	3258	3258
3	Flange Bearing	3252	3252	3252	3252	3252	3252	3252	3252	3252	3252	3252
4	Intermediate Gear Assembly	24243	24244	24248	24243	24248	24244	24752	24752	28026	40926	40926
5	Output Gear	24198	24198	24197	24198	24197	24198	24751	24751	28027	40925	40925
6	Output Shaft	5187	5187	5187	6847	6847	6847	6847	5187	6847	6847	5187
7	Oil Seal	5189	5189	5189	5189	5189	5189	5189	5189	5189	5189	5189
**8	Two Row Spacer Bearing	5188	5188	5188	5188	5188	5188	5188	5188	5188	5188	5188
9	Housing	N/A	N/A	N/A	N/A	N/A						
10	5/8-11 Hex Jamb Nut	5183	5183	5183	5183	5183	5183	5183	5183	5183	5183	5183
11	5/16-18x7/8 Hex Head Bolt	49431	49431	49431	49431	49431	49431	49431	49431	49431	49431	49431
12	Oil Seal	4682	4682	4438	4682	4438	4682	4438	4438	4438	4438	4438
13	1/8x7/16 Spirol Pin	2960-2	2960-2	2960-2	2960-2	2960-2	2960-2	2960-2	2960-2	2960-2	2960-2	2960-2
14	1/4 NPT Square Head Plug	2755	2755	2755	2755	2755	2755	2755	2755	2755	2755	2755
***15	Thrust Washer			2955-33		2955-33		2955-33	2955-33	2955-33	2955-33	2955-33
16	3/16x7/8	2112-3	2112-3	2112-3	2112-3	2112-3	2112-3	2112-3	2112-3	2112-3	2112-3	2112-3
17	Vent Plug	3523	3523	3523	3523	3523	3523	3523	3523	3523	3523	3523
18	Drain Plug	30160	30160	30160	30160	30160	30160	30160	30160	30160	30160	30160

*Output speeds are based on 60 Hz. 1725 RPM Motor.

**5188 is a 6-piece precision ground, matched set. Components should not be mixed (old and new).

***All helical gear units (-5, -7) should be updated to include a 2933-33 Thrust Washer.

Three-Stage Gearhead Parts Listing



Item	Description (Output RPM)*	Part Number					
		3261-9 62	3261-12 78	3261-14 95	3261-15 62	3261-21 62	3261-22 78
1	Adapter (Mach)	14492	14492	14492	14492	14492	14492
2	Gasket	3258	3258	3258	3258	3258	3258
3	Flange Bearing	3252	3252	3252	3252	3252	3252
4	Intermediate Gear Assembly	24241	25834	25834	24241	53391	25834
5	Output Gear	24197	24197	28720	24197	53393	53393
6	Output Shaft	6847	6847	6847	35954	35954	35954
7	Oil Seal	5189	5189	5189	5189	5189	5189
**8	Two Row Spacer Bearing	5188	5188	5188	5188	5188	5188
9	Housing	N/A	N/A	N/A	N/A	N/A	N/A
10	5/8-11 Hex Jamb Nut	5183	5183	5183	5183	5183	5183
11	5/16-18 x 1 1/2" Hex Head Bolt	49432	49432	49432	49432	49432	49432
12	Oil Seal	4682	4438	4438	4682	4682	4682
13	1/8x7/16 Spirol Pin	2960-2	2960-2	2960-2	2960-2	2960-2	2960-2
14	1/4 NPT Square Head Plug	2755	2755	2755	2755	2755	2755
15	Drain Plug	30160	30160	30160	30160	30160	30160
16	3/16x7/16	2112-3	2112-3	2112-3	2112-3	2112-6	2112-6
17	Vent Plug	3523	3523	3523	3523	3523	3523
18	Intermediate Gear Assembly	24242	24242	28722	24242	53392	53392

*Output speeds are based on 60 Hz. 1725 RPM Motor.

**5188 is a 6-piece precision ground, matched set. Components should not be mixed (old and new).



**Made to work.
Built to last.**

Revisions to this Manual

Page No.	Description of Change
4	Added 3261-16,21,22. Changed 3261-15 to 7/8" Output Shaft size
6	Added 3261-16
7	Added 3261-21,22
	Updated to new Warranty

Contact your nearby Chore-Time distributor or representative for additional parts and information.

CTB Inc.
P.O. Box 2000 • Milford, Indiana 46542-2000 • U.S.A.
Phone (574) 658-4101 • Fax (877) 730-8825
E-mail: poultry@choretime.com • Internet: <http://www.choretime.com>