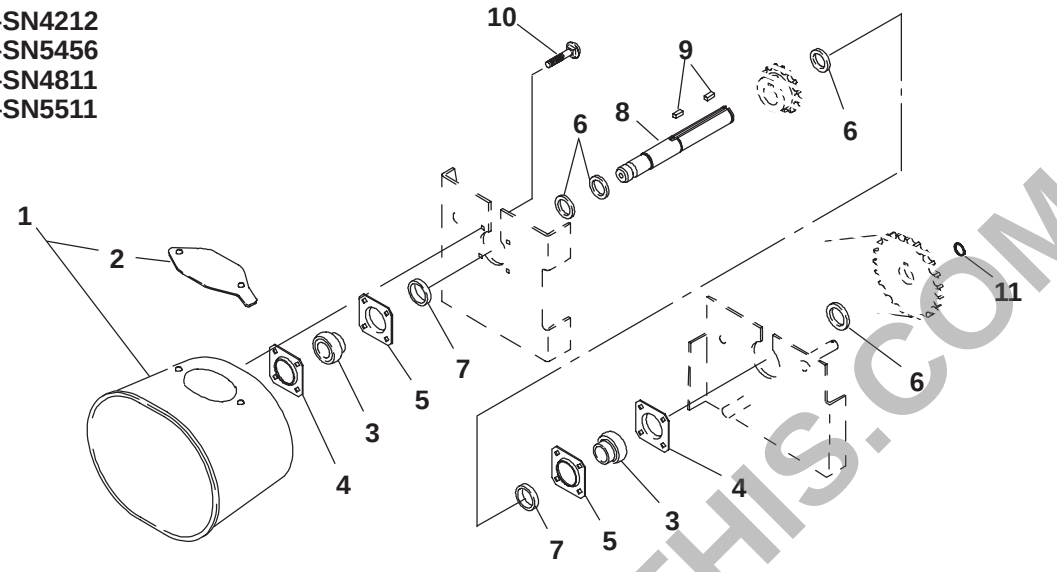
Ref. No.	Part No.	Description	Quantity 309	312	315	322
01	126339	SHIELD/SAFETY (INCL REF. 02)	1	1	1	1
02	126342	FLAP	1	1	1	1
03	083666	BEARING/BALL	2	2	2	2
04	110022	FLANGETTE/RELUBE 80MM	2	2	2	2
05	110023	FLANGETTE/RELUBE 80MM	2	2	2	2
	570005	FITTING/GREASE	2	2	2	2
06	H7119	SPACER/BEARING	AR	AR	AR	AR
07	076082	COLLAR/LOCK	2	2	2	2
08	110016	SHAFT/PTO 12 LONG	1	1	1	1
09	C14036	KEY/SQUARE 3/8X1-1/4	2	2	2	2
10	058579	CB 1/2X1-1/4 (8)1/2 N,P – (4) 1/2L	4	4	4	4
11	051904	RING/RETAINING	1	1	1	1
12	083667	HOUSING/BEARING	2	2	2	2
	058579	CS 1/2X1-1/2 – (4)1/2 LN	4	4	4	4
13	087054	SHAFT/PTO 13-1/2 LONG	1	1	1	1
14	056230	KEY/SQUARE	1	1	1	1
15	083661	SHAFT/PTO 39-3/8 LONG	1	1	1	1

PREVIEW - YOUFIXTHIS.COM

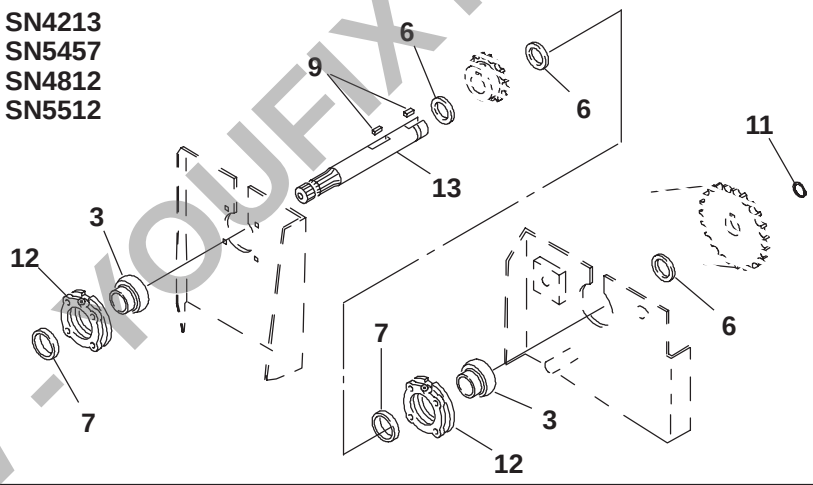
Download full manual at youfixthis.com

309, 312, 315 & 322 – INPUT SHAFT & BEARINGS

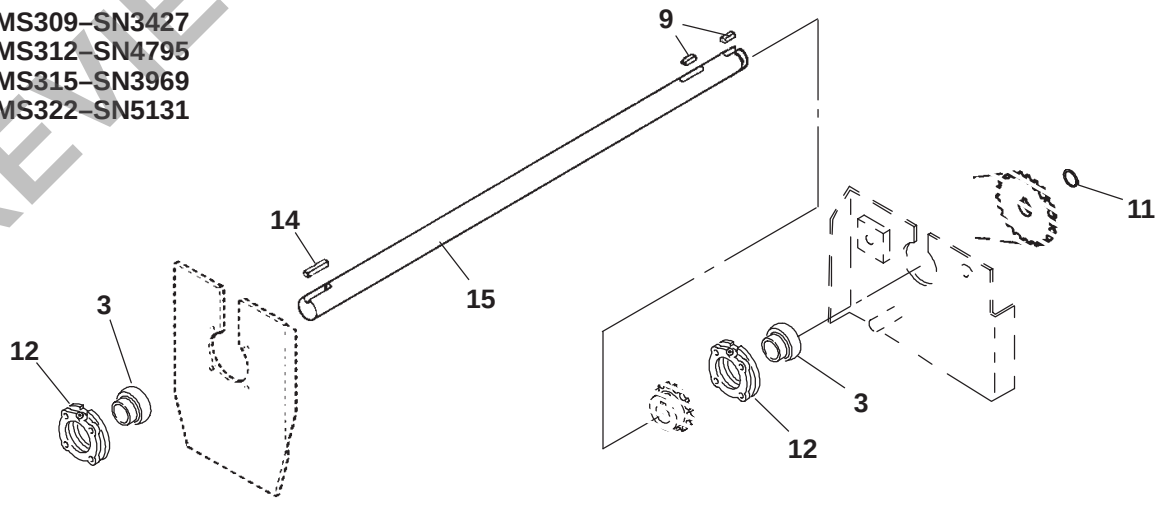
After MS309–SN4212
After MS312–SN5456
After MS315–SN4811
After MS322–SN5511



After MS309–SN3426 & Before SN4213
After MS312–SN4794 & Before SN5457
After MS315–SN3968 & Before SN4812
After MS322–SN5130 & Before SN5512



Before MS309–SN3427
Before MS312–SN4795
Before MS315–SN3969
Before MS322–SN5131



PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

TORQUE SPECIFICATIONS

NOTE: *Use these torque values when tightening **GEHL** hardware (excluding: Locknuts and Self–tapping, Thread Forming and Sheet Metal Screws) unless specified otherwise.*

All torque values are in Lb-Ft except those marked with an * which are Lb-In
(For metric torque value Nm, multiply Lb-Ft value by 1.355 or Lb-In value by 0.113)

Unified National Thread	Grade 2		Grade 5		Grade 8	
	Dry	Lubed	Dry	Lubed	Dry	Lubed
8-32	19*	14*	30*	22*	41*	31*
8-36	20*	15*	31*	23*	43*	32*
10-24	27*	21*	43*	32*	60*	45*
10-32	31*	23*	49*	36*	68*	51*
1/4-20	66*	50*	9	75*	12	9
1/4-28	76*	56*	10	86*	14	10
5/16-18	11	9	17	13	25	18
5/16-24	12		19	14		20
3/8-16	20	15	30	23	45	35
3/8-24	23	17	35	25	50	
7/16-14	32	24	50	35	70	55
7/16-20	36	27	55	40	80	60
1/2-13	50	35	75	55	110	80
1/2-20	55	40	90	65	120	90
9/16-12	70	55	110	80	150	110
9/16-18	80	60	120	90	170	130
5/8-11	100	75	150	110	220	170
5/8-18	110	85	180	130	240	180
3/4-10	175	130	260	200	380	280
3/4-16	200	150	300	220	420	320
7/8-9	170	125	430	320	600	460
7/8-14	180	140	470	360	660	500
1-8	250	190	640	480	900	680
1-14	270	210	710	530	1000	740

Attaching Hardware Table

Size & Description	Part Number	Size & Description	Part Number	Size & Description	Part Number	Size & Description	Part Number
#10 L	650549	3/8 FLN	070856	1/2 FLN	081374	5/8 LN	067823
#10-24 N	650550	3/8 JN	653038	1/2 L	654030	5/8 N	653021
1/4 LN	071401	3/8 L	654026	1/2 LN	071706	5/8 P	654012
5/16 JN	653034	3/8 LN	071403	1/2 N	653018	3/4 L	654034
5/16 L	654024	3/8 N	653010	1/2 NF-N	653019	3/4 LN	064331
5/16 LN	071701	3/8 P	654006	1/2 NILN	068034	3/4 N	653026
5/16 N	653007	7/16 L	654028	1/2 P	654009	3/4 P	654014
5/16 P	654004	7/16 N	653015	5/8 L	654032	1 P	654016

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

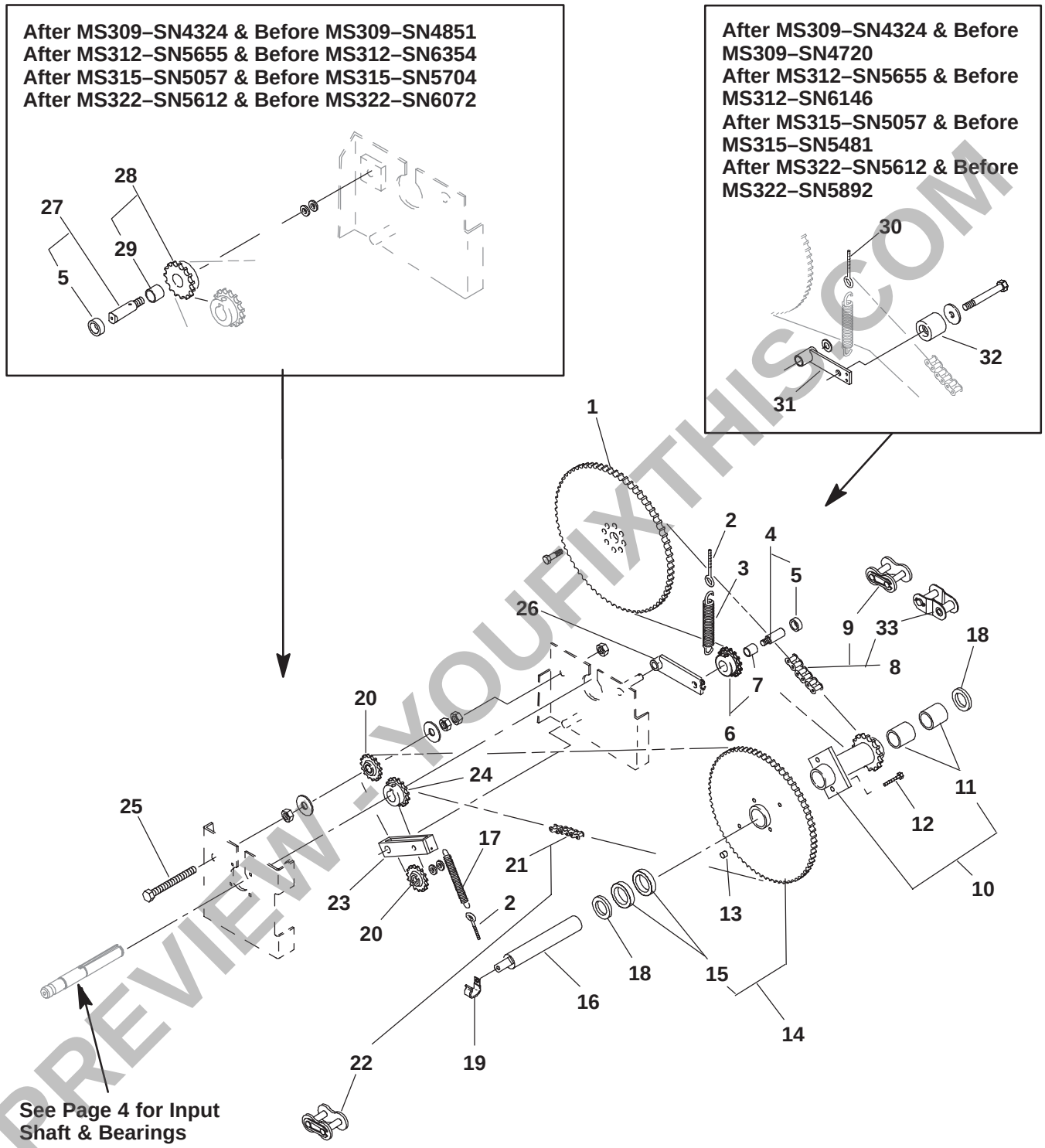
Ref. No.	Part No.	Description	Quantity 309	312	315	322
03	080645	SPRING/EXTENSION	1	1	1	1
04	080617	SHAFT/IDLER (USE WITH #80HE CHAIN) (INCL REF. 05)	1	1	1	–
	080615	SHAFT/IDLER (USE WITH #100 CHAIN) (INCL REF. 05)	–	–	–	1
	570005	FITTING/GREASE	1	1	1	1
05	S16174	COLLAR/SET (USE WITH 080617 IDLER SHAFT)	1	1	1	–
	650201	SHSS 5/16X5/16	1	1	1	–
	081501	COLLAR/SET (USE WITH 080615 IDLER SHAFT)	–	–	–	1
	650212	SHSS–CP 3/8X3/8	–	–	–	1
06	080644	SPROCKET/IDLER #80 X 12T (INCL REF. 07)	1	1	1	–
	081498	SPROCKET/IDLER #100 X 11T (INCL REF. 07)	–	–	–	1
07	H8352A	BUSHING/BRONZE (USE WITH 080644 SPROCKET)	1	1	1	–
	081500	BUSHING/BRONZE (USE WITH 081498 SPROCKET)	–	–	–	1
08	083680	CHAIN/ROLLER (#80HE) OF 92 LINKS (INCL REF. 09)	1	1	1	–
	084797	CHAIN/ROLLER (#100) OF 77 LINKS (INCL REF. 09 & 36)	–	–	–	1
09	080305	LINK/#80HE PLAIN CONNECTOR	1	1	1	–
	606065	LINK/#100 PLAIN CONNECTOR	–	–	–	1
10	083674	HUB/JACKSHAFT ASS'Y (FOR #80 CHAIN) (INCL REF. 11)	1	1	1	–
	094242	HUB/JACKSHAFT ASS'Y (FOR #100 CHAIN) (INCL REF. 11)	–	–	–	1
11	083678	BUSHING/BRONZE	2	2	2	2
12	081655	KIT/SHEAR BOLT – CONTAINS (8) GR5 BOLTS & LNS	AR	AR	AR	AR
13	083672	BUSHING/SHEAR	4	4	4	4
14	083670	SPROCKET/ASS'Y 80T (INCL REF. 15)	1	1	1	1 **(540)**
	084802	SPROCKET/ASS'Y 119T (INCL REF. 15)	–	–	–	1 **(1000)**
	570002	FITTING/GREASE	1	1	1	1
15	062815	BUSHING/BRONZE	2	2	2	2
16	083664	JACKSHAFT/ASS'Y	1	1	1	1
	650492	CS 3/8X2–1/2 (LN)	1	1	1	1
17	080646	SPRING/EXTENSION	1	1	1	1
	655020	PIN/COTTER 3/16X1–1/2 (1P)	1	1	1	1
18	076085	BUSHING/MACHINERY	AR	AR	AR	AR
19	058615	CLAMP/INSULATED HOSE	1	1	1	1
20	124773	SPROCKET/IDLER ASSY	2	2	2	2
	650647	CS 5/8X2 (L,3P)	1	1	1	1
21	080658	CHAIN/ROLLER (#60) OF 140 LINKS (INCL REF. 22)	1	1	1	1 **(540)**
	084801	CHAIN/ROLLER (#60) OF 166 LINKS (INCL REF. 22)	–	–	–	1 **(1000)**
22	500160	LINK/#60 CONNECTOR	1	1	1	1
23	080618	IDLER/ASSY – (1) 1P	1	1	1	1
	655020	PIN/COTTER 3/16X1–1/2	1	1	1	1
24	080655	SPROCKET 15T	1	1	1	1 **(540)**
	087052	SPROCKET 13T	–	–	–	1 **(1000)**
	650201	SHSS 5/16X5/16	2	2	2	2
25	110029	CS 5/8X7 (FULL THREAD) (2) 5/8 N,P,JN	1	1	1	1
26	080616	ARM/IDLER ASS'Y	1	1	1	–
	080614	ARM/IDLER ASS'Y	–	–	–	1
	655020	PIN/COTTER 3/16X1–1/2 – (1) 1P	1	1	1	1
	128015	WASHER/PLAIN 1-1/32	3	3	3	3
27	080617	SHAFT/IDLER (INCL REF. 05)	1	1	1	1
	570005	FITTING/GREASE	1	1	1	1
28	080654	SPROCKET/IDLER #60 X 17T (INCL REF. 29)	1	1	1	1
29	520147	BEARING/NEEDLE	1	1	1	1
30	066172	BOLT/EYE 5/16X3-3/4 (LN,P)	2	2	2	2
31	119801	ARM/IDLER ASS'Y (USE WITH 110021 NYLON IDLER)	1	1	1	1
32	110021	IDLER/NYLON	1	1	1	1
	650867	CB 1/2X5 (N,P,L) – (1) 5/8P	1	1	1	1
33	606067	LINK/#100 OFFSET CONNECTOR	–	–	–	1

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

AUGER DRIVE

(AFTER MS309–SN4324, MS312–SN5655, MS315–SN5057 & MS322–SN5612)



PREVIEW - YOUFIXTHIS.COM

Ref. No.	Part No.	Description	Quantity 309	312	315	322
01	080390	SPROCKET/ASS'Y#80X70T	1	1	1	–
	080394	SPROCKET/ASSY#100X60T	–	–	–	1
	651075	CS 5/8X1–3/4 GR.8 (L)	8	8	8	8
02	095026	BOLT/EYE 3/8X3-3/4 (LN,P)	3	3	3	3

Download full manual at youfixthis.com

(BEFORE MS309–SN4325, MS312–SN5656, MS315–SN5058 & MS322–SN5613 & AFTER MS309–SN3426, MS312–SN4794, MS315–SN3968 & MS322–SN5130)

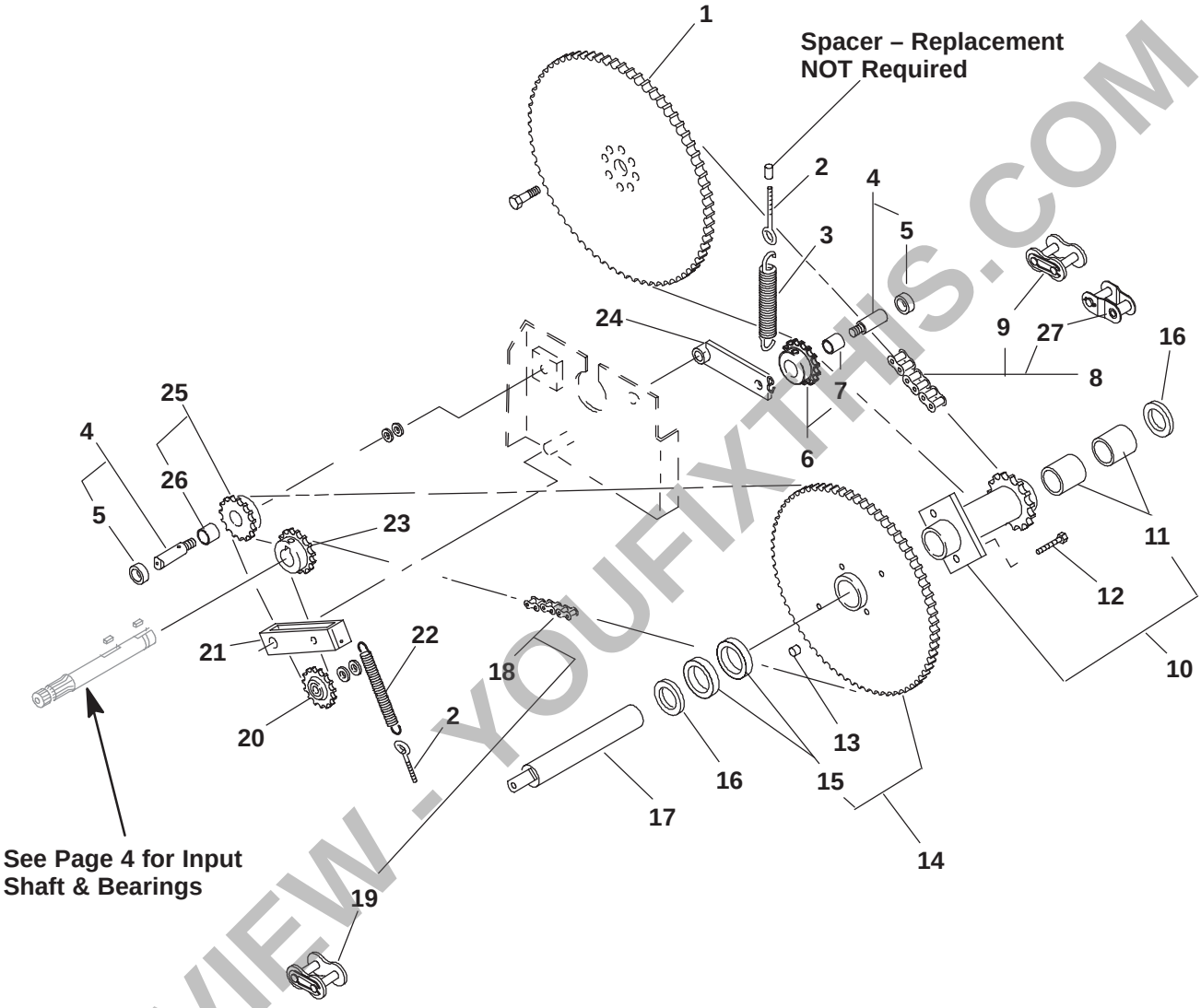
Ref. No.	Part No.	Description	Quantity 309	312	315	322
01	080390	SPROCKET/ASS'Y #80X70T	1	1	1	–
	080394	SPROCKET/ASSY #100X60T	–	–	–	1
	651075	CS 5/8X1–3/4 GR.8 (L)	8	8	8	8
02	066172	BOLT/EYE 5/16X3-3/4 (LN,P)	2	2	2	2
03	080645	SPRING/EXTENSION	1	1	1	1
04	080617	SHAFT/IDLER (USE WITH #60 OR #80 CHAIN) (INCL REF. 05)	2	2	2	1
	080615	SHAFT/IDLER (USE WITH #100 CHAIN) (INCL REF. 05)	–	–	–	1
	570005	FITTING/GREASE	1	1	1	1
05	S16174	COLLAR/SET (USE WITH 080617 IDLER SHAFT)	1 OR 2	1 OR 2	1 OR 2	1 OR 2
	650201	SHSS 5/16X5/16	1	1	1	1
	081501	COLLAR/SET (USE WITH 080615 IDLER SHAFT)	–	–	–	1
	650212	SHSS–CP 3/8X3/8	–	–	–	1
06	080644	SPROCKET/IDLER #80 X 12T (INCL REF. 07)	1	1 OR 0	1 OR 0	–
	081498	SPROCKET/IDLER #100 X 11T (INCL REF. 07)	–	1 OR 0	1 OR 0	1
07	H8352A	BUSHING/BRONZE (USE WITH 080644 SPROCKET)	1	1	1	1
	081500	BUSHING/BRONZE (USE WITH 081498 SPROCKET)	1	1	1	1
08	083680	CHAIN/ROLLER (#80HE) OF 92 LINKS (INCL REF. 09)	1	1	1	–
	084797	CHAIN/ROLLER (#100) OF 77 LINKS (INCL REF. 09 & 27)	–	–	–	1
09	080305	LINK/#80HE PLAIN CONNECTOR	1	1	1	–
	606065	LINK/#100 PLAIN CONNECTOR	–	–	–	1
10	083674	HUB/JACKSHAFT ASS'Y (FOR #80 CHAIN) (INCL REF. 11)	1	1	1	–
	094242	HUB/JACKSHAFT ASS'Y (FOR #100 CHAIN) (INCL REF. 11)	–	–	–	1
11	083678	BUSHING/BRONZE	2	2	2	2
12	081655	KIT/SHEAR BOLT – CONTAINS (8) GR5 BOLTS & LNS	AR	AR	AR	AR
13	083672	BUSHING/SHEAR	4	4	4	4
14	083670	SPROCKET/ASS'Y 80T (INCL REF. 15)	1	1	1	1
	570002	FITTING/GREASE	1	1	1	1
15	062815	BUSHING/BRONZE	2	2	2	2
16	076085	BUSHING/MACHINERY	AR	AR	AR	AR
17	083664	JACKSHAFT/ASS'Y	1	1	1	1
	650492	CS 3/8X2–1/2 (LN)	1	1	1	1
18	080658	CHAIN/ROLLER (#60) OF 140 LINKS (INCL REF. 19)	1	1	1	1 **(540)**
	084801	CHAIN/ROLLER (#60) OF 166 LINKS (INCL REF. 19)	–	–	–	1 **(1000)**
19	500160	LINK/#60 CONNECTOR	1	1	1	1
20	124773	SPROCKET/IDLER ASSY	1	1	1	1
	650647	CS 5/8X2 (L,3P)	1	1	1	1
21	080618	IDLER/ASSY – (1) 1P	1	1	1	1
	655020	PIN/COTTER 3/16X1–1/2	1	1	1	1
22	080646	SPRING/EXTENSION	1	1	1	1
	655020	PIN/COTTER 3/16X1–1/2 (1P)	1	1	1	1
23	080655	SPROCKET 15T	1	1	1	1 **(540)**
	087052	SPROCKET 17T	–	–	–	1 **(1000)**
	650201	SHSS 5/16X5/16	2	2	2	2
24	080616	ARM/IDLER ASS'Y (USE WITH #80 CHAIN)	1	1	1	–
	080614	ARM/IDLER ASS'Y (USE WITH #100 CHAIN)	–	–	–	1
	655020	PIN/COTTER 3/16X1–1/2 – (1) 1P	1	1	1	1
	128015	WASHER/PLAIN 1-1/32	3	3	3	3
25	080654	SPROCKET/IDLER #60 X 17T (INCL REF. 29)	1	1	1	1
26	520147	BEARING/NEEDLE	1	1	1	1
27	606067	LINK/#100 OFFSET CONNECTOR	–	–	–	1

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

AUGER DRIVE

(BEFORE MS309–SN4325, MS312–SN5656, MS315–SN5058 & MS322–SN5613 & AFTER MS309–SN3426, MS312–SN4794, MS315–SN3968 & MS322–SN5130)



PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

TABLE OF CONTENTS

Decal Locations 2–3

Input Shaft & Bearings 4–5

Auger Drive

(After **309**–SN4324, **312**–SN5655, **315**–SN5057 & **322**–SN5612) 6–7

(Before **309**–SN4325, **312**–SN5656, **315**–SN5058 & **322**–SN5613 & After **309**–SN3426, **312**–SN4794, **315**–SN3968 & **322**–SN5130) 8–9

(Before **309**–SN3427, **312**–SN4795, **315**–SN3969 & **322**–SN5131) 10–11

Expeller & Expeller Drive 12–13

Gate, Pan, Auger Slides & Liners 14–15

Hydraulics

(After **309**–SN4215, **312**–SN5455, **315**–SN4810 & **322**–SN5601) 16–17

(Before **309**–SN4216, **312**–SN5456, **315**–SN4811 & **322**–SN5602) 18–19

Hitch, Jack & Drive Shields

(After **309**–SN4850, **312**–SN6353, **315**–5703 & **322**–SN6071) 20–21

(Before **309**–SN4851, **312**–SN6354, **315**–5704 & **322**–SN6072) 22–23

Universal PTO Drive – Weasler

(After **309**–SN3426, **312**–SN4794 & **315**–SN5296) 24–25

(Before **315**–SN5297 & After **315**–SN3968 & After **322**–SN5130) 26–27

Universal PTO Drive – 540 RPM Walterscheid

(After **309**–SN3426, **312**–SN4794, **315**–SN3968 & **322**–SN5130) 28–29

Universal PTO Drive – 1000 RPM Walterscheid

(After **322**–SN5130) 30–31

Universal PTO Drive With Shear Device – 540 RPM Weasler

(Before **309**–SN3427, **312**–SN4795, **315**–SN3969 & **322**–SN5131) 32–33

Axles, Wheels & Hubs (Without Brakes) – **309** 34–35

Single Axle, Wheels & Hubs (Without Brakes) – **312** 36–37

Tandem Axles, Wheels & Hubs (Without Brakes)

(After **312**–SN5855) 38–39

(Before **312**–SN5856 & **315**–SN4891)(2-1/2″ Spindles) 40–41

(After **315**–SN4890) 42–43

(Before **315**–SN4891)(3″ Spindles) 44–45

322 46–47

Components

Jacks

309, **312** & **315** 48

322 49

Augers 50

Auger Cylinders 51

Gate Cylinders 52

Hydraulic Lid Cylinders – **322** 53

Accessories

Hydraulic Brakes

309 (Export) 54–55

312 (Export) 56–57

315 (Export) 58–59

322 60–61

Hydraulic Lid – **322** 62–63

Splash Guards & Side Rails 64–65

Safety Chains 66

Transport Lighting Kits 67

Numerical Index 68–73

Index 74–75

Standard Hardware Torque Specifications . . . . . Inside Back Cover

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

PREVIEW ONLY

You're viewing 8 of 80 pages

The full manual includes:

- All 80 pages, complete
- Searchable PDF (find any keyword)
- No watermarks
- Instant download
- Print-ready quality

GET FULL MANUAL NOW

Gehl 309, 312, 315, 322 Parts Catalog

Scan or click anywhere
youfixthis.com

Click anywhere on this page to get the full manual