



Jiaxing Luper Clutch Co., Ltd.

# Catalogue

*version 3.0*

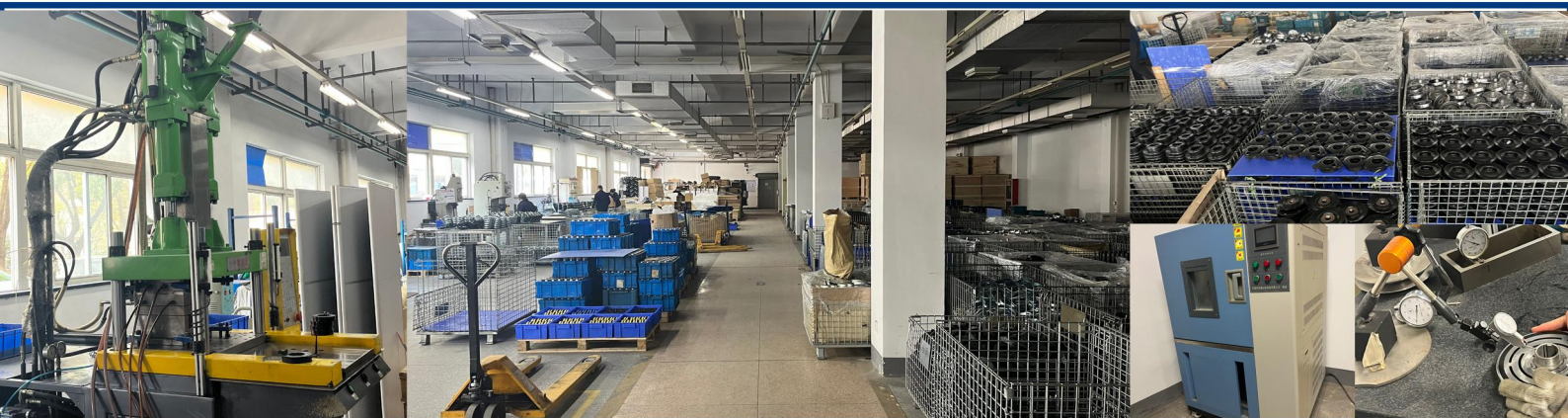


# ABOUT US

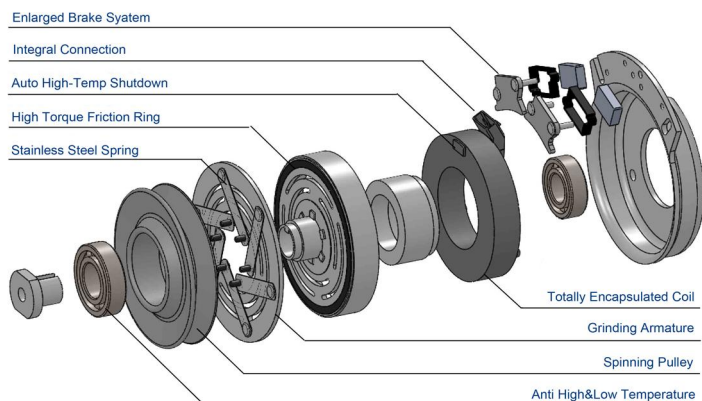
Luper the pioneer of China PTO clutches located in Jiaxing city near to Shanghai port and Ningbo port.

Luper has its designs and patents manufactures PTO clutches covering more than 3,000 models in riding mowers, zero turn mowers, commercial mowers. Luper units are interchangeable with Warner, Exmark, John Deere, Cub Cadet, MTD, Ariens, AYP, Dixon, Encore, Gravely, Husqvarna, Massey Ferguson, Sears Craftsman, Simplicity, Snapper, Snapper Pro, Toro, Troy Bilt, Woods, Wright, Yazoo Kees, etc. Electric PTO clutches.

Luper focus on manufacturing better clutches using improved materials and making technology contribute to high torque and excellent operator safety. Best quality and fast delivery are Luper's business way. Luper is your best partner of PTO clutches from China.

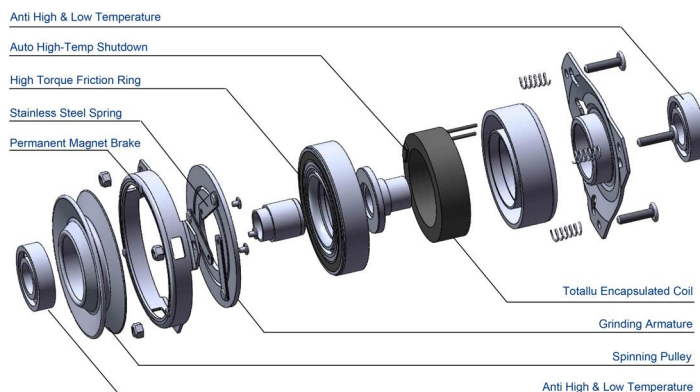


## LUPER No.17/18/19 Series



17/18/19 Series, please refer to Page 7-17

## LUPER No.15/16 Series



15/16 Series, please refer to Page 1-7



**3S15001**
**Specification**
**Reference OEM Part Numbers**


Crankshaft: 1"  
Pulley OD: 6.05"  
Direction: CCW  
Torque(Ft.lbs): 105

00092453	1-543860	5210-30	59003000	TR94D2514
01000725	1-543862	5215-14	7017063	X0149
044631	1-551054	5215-145	7017063YP	X0149-K
04915400	17063	5215-25	7-06030	X0168
052632	1-7063	5215-61	7-06035	X0168-K

More information, Please refer to Page 18

**3S15002**
**Specification**
**Reference OEM Part Numbers**


Crankshaft: 1.125"  
Pulley OD: 4.87"  
Direction: CW  
Torque(Ft.lbs): 105

03090800	33-113	7-06029	TR103D9950	X0467
113997	388766	93-3160	WD-C38410	X0467-K
17531	5210-31	9913	WD-C47449	X0468
230-4073	5210-52	C38410	X0102	X0468-K
255-519	5215-62	C47449	X0413	X0552

More information, Please refer to Page 18

**3S15003**
**Specification**
**Reference OEM Part Numbers**


Crankshaft: 1"  
Pulley OD: 6"  
Direction: CW  
Torque(Ft.lbs): 105

126167	128132	33-183	5215-18	1226028
128028	255-415			

More information, Please refer to Page 18

**3S15004**
**Specification**
**Reference OEM Part Numbers**


Crankshaft: 1"  
Pulley OD: 5.43"  
Direction: CCW  
Torque(Ft.lbs): 105

1692430	917-0983	959-3230	255-539	83993862
1742518	917-3497	5210-33	5215-129	9800686
1755341	990947	5215-59	X0164	GB243038
1755341P	232201	X0185	X0164-K	LB740401
B1755341	33-128-1	X0185-K	230-6235	217413

More information, Please refer to Page 18-19

**3S15005**
**Specification**
**Reference OEM Part Numbers**


Crankshaft: 1"  
Pulley OD: 6"  
Direction: CW  
Torque(Ft.lbs): 105

601979	1-601979	21823	21823SM	255-383
603463	1-603463	1521823	5021823SM	255-507
603539	1-603539	5021823	29678	5215-13
611190	1-611190	7-06260	7029678	X0165
611223	1-611223	11857	7029678YP	X0165-K

More information, Please refer to Page 19

**3S15006**
**Specification**
**Reference OEM Part Numbers**


Crankshaft: 1"  
Pulley OD: 5.375"  
Direction: CCW  
Torque(Ft.lbs): 105

138412	33-116	5215-92	AM118969	X0190
230-4070	5215-35	5215-96	AM119971	X0407
255-423	5215-53	AM100979	AM122969	X0407-K
326108	5215-55	AM108393	AM123038	X0408
326108MA	5215-7	AM115090	AM38260	X0408-K

More information, Please refer to Page 19

**3S15007**
**Specification**

Crankshaft: 1.125"  
Pulley OD: 5.320"  
Direction: CCW  
Torque(Ft.lbs): 105

**Reference OEM Part Numbers**

917140923	230-4066	532140923	12309	7-06262
917170056	255-359	532150283	140923	X0191
917532140923	5210-60	532170056	170056	X0191-K
917532170056	5215-73	532174509	174509	X0700


**3S15008**
**Specification**

Crankshaft: 1"  
Pulley OD: 5.375"  
Direction: CCW  
Torque(Ft.lbs): 105

**Reference OEM Part Numbers**

917532108218	33-110	532142600	108218X	X0155
917532142600	5210-15	7-06034	137140	X0155-K
142600	5210-46	717-0949	9910	X0184
230-4064	5215-51	717-1434	X0100	X0184-K
255-351	5215-64	917-0949	X0150	X0187



More information, Please refer to Page 19

**3S15010**
**Specification**

Crankshaft: 1"  
Pulley OD: 5.35"  
Direction: CW  
Torque(Ft.lbs): 125

**Reference OEM Part Numbers**

03450500	255-323	5215-146	7079446YP	C48055
050236	33-118-1	5215-88	79197	X0172
11070	3450500	7-06263	7-9197	X0172-K
116277	50300	7079197	79446	X0196
230-4060	5210-34	7079446	7-9446	



More information, Please refer to Page 19

**3S15011**
**Specification**

Crankshaft: 1.125"  
Pulley OD: 6"  
Direction: CCW  
Torque(Ft.lbs): 110

**Reference OEM Part Numbers**

917532127170	33-185	523370	047004	X0152-K
110880X	5210-35	532127170	X0125	X0173
127170X	5215-15	582948801	X0125-K	X0189
133501	5215-69	7-06040	X0145	X0189-K
14045	5215-69U	717-3390	X0145-K	X0193



More information, Please refer to Page 20

**3S15012**
**Specification**

Crankshaft: 1"  
Pulley OD: 6.03"  
Direction: CCW  
Torque(Ft.lbs): 105

**Reference OEM Part Numbers**

12247	255-475	5215-142	717-04080	X0170
230-4083	33-139	7-06296	917-04080	X0170-K


**3S15013**
**Specification**

Crankshaft: 1.125"  
Pulley OD: 5.3  
Direction: CCW  
Torque(Ft.lbs): 110

**Reference OEM Part Numbers**

5215-34	AM115091	X0179	X0409	X0409-K
5215-9	AM123123	X0179-K		



**3S15014**
**Specification**

Crankshaft: 1.125"  
Pulley OD: 5.345"  
Direction: CCW  
Torque(Ft.lbs): 105

**Reference OEM Part Numbers**

5215-115	60208	AM118625	X0177	X0454
5215-117	94011	AM125082	X0177-K	X0539
5215-27	AM106365	AM126710	X0195	X0543
5215-5	AM116654	E-6215	X0195-K	X0586
5215-86				


**3S15015**
**Specification**

Crankshaft: 1"  
Pulley OD: 6"  
Direction: CCW  
Torque(Ft.lbs): 105

**Reference OEM Part Numbers**

12980	230-4067	33-122-1	532174367	X0167
174367	255-363	5215-134	7-06264	X0167-K


**315016**
**Specification**

Crankshaft: 1"  
Pulley OD: 4.13"  
Direction: CCW  
Torque(Ft.lbs): 105

**Reference OEM Part Numbers**

GW-1772076	5215-101	5215-95	X0194	X0587
1714637MA	5215-83	1714637	X0194-K	X0712
1772076				


**3S15018**
**Specification**

Crankshaft: 1"  
Pulley OD: 5.32"  
Direction: CCW  
Torque(Ft.lbs): 110

**Reference OEM Part Numbers**

5215-114	5215-56	X0162-K	X0504	X0515
5215-36	X0162			


**315019**
**Specification**

Crankshaft: 1"  
Pulley OD: 6.1"  
Direction: CCW  
Torque(Ft.lbs): 105

**Reference OEM Part Numbers**

5215-16	TR100D6060	X0473	X0474	X0475
7-06065	TR92D6885	X0473-K	X0474-K	X0475-K


**3S15020**
**Specification**

Crankshaft: 1.125"  
Pulley OD: 5.3"  
Direction: CCW  
Torque(Ft.lbs): 110

**Reference OEM Part Numbers**

5215-11	AM103035	AM119536	X0178-K	X0406
5215-29	AM108601	X0161	X0182	X0406-K
5215-44	AM115093	X0178	X0182-K	



**3S15021**
**Specification**

Crankshaft: 1.125"  
 Pulley OD: 5.3"  
 Direction: CW  
 Torque(Ft.lbs): 105

**Reference OEM Part Numbers**

5210-40      7-06294      C47444      X0153-K      X0180-K  
 5215-42      C33198      X0153      X0180


**315023**
**Specification**

Crankshaft: 1.125"  
 Pulley OD: 4.13"  
 Direction: CCW  
 Torque(Ft.lbs): 110

**Reference OEM Part Numbers**

1708527      X0175      X0175-K


**3S15024**
**Specification**

Crankshaft: 1"  
 Pulley OD: 7"  
 Direction: CCW  
 Torque(Ft.lbs): 105

**Reference OEM Part Numbers**

36223      44815200      5215-126      MPMD4918      X0573


**315026**
**Specification**

Crankshaft: 1"  
 Pulley OD: 4.8"  
 Direction: CW  
 Torque(Ft.lbs): 105

**Reference OEM Part Numbers**

5210-53      5215-74      X0579      X0589


**3S15027**
**Specification**

Crankshaft: 1.125"  
 Pulley OD: 4.8"  
 Direction: CCW  
 Torque(Ft.lbs): 105

**Reference OEM Part Numbers**

5215-65      X0591


**315029**
**Specification**

Crankshaft: 1"  
 Pulley OD: 5.3"  
 Direction: CCW  
 Torque(Ft.lbs): 105

**Reference OEM Part Numbers**

5215-109      C47445      X0414      X0414-K      X0595  
 5215-19



**316001**
**Specification**

Crankshaft: 1"  
 Pulley OD: 7.75"  
 Direction: CCW  
 Torque(Ft.lbs): 110

**Reference OEM Part Numbers**

MA-GT1-TR01	3036325YP	55-7410	GT1-TR05	105-2653
MA-GT-TRO2	54-3200	GT1-TR04	105-2635	X0572
3036325				


**3S16002**
**Specification**

Crankshaft: 1"  
 Pulley OD: 5.320"  
 Direction: CCW  
 Torque(Ft.lbs): 110

**Reference OEM Part Numbers**

GT1-JD08	01008544P	AM130328	G100	2048
MA-GT-JD19B	15777	AM133209	GT1A-JD10	2348
2554	61008544	eX0537		


**3S16003**
**Specification**

Crankshaft: 1.125"  
 Pulley OD: 5.25"  
 Direction: CCW  
 Torque(Ft.lbs): 110

**Reference OEM Part Numbers**

MA-GT-KB05P	15782	GT1-CT04	02002160	X0747
02002160P				


**3S16004**
**Specification**

Crankshaft: 1"  
 Pulley OD: 5.310"  
 Direction: CCW  
 Torque(Ft.lbs): 110

**Reference OEM Part Numbers**

15781	1687746	1720532	GB-88384	LB742606
1686880	1687746YP	1720532SM	GT1-BS03	X0550
1686880SM	1717664SM	255-783X		


**3S16005**
**Specification**

Crankshaft: 1.125"  
 Pulley OD: 6.1"  
 Direction: CCW  
 Torque(Ft.lbs): 110

**Reference OEM Part Numbers**

15771	414737	5215-140	532179355	GT1A-EH01
174605	500144	532174605	532414737	GT3000
179335	5100417	532179335	53462700	X0169


**3S16006**
**Specification**



Crankshaft: 1"  
 Pulley OD: 5.95"  
 Direction: CCW  
 Torque(Ft.lbs): 110



**Reference OEM Part Numbers**



04387900	255-066X	471717P	53594500	X0588
15772	400008	532179334	587241601	X0709
179334	414336	532414336	GT1A-EH07	











3S16007		Specification	Reference OEM Part Numbers				
 	Crankshaft:	1"	MA-GT-SN11	5023100	7063304	X0491	01008434
	Pulley OD:	5.32"	MA-GT-SN11S	5023100SM	7063304YP	X0493	01008434P
	Direction:	CCW	MA-GT-TRO	51110100	7075085	X0496	124833
	Torque(Ft.lbs):	110	MA-GT-TROC	539124833	759-05064	X0547	1757359
			MA-GT-DX11CU	54-0220	X0488	X0548	33386
More information, Please refer to Page 22							

3S16008		Specification	Reference OEM Part Numbers				
 	Crankshaft:	1"	15775	461074	481633	48786	461073
	Pulley OD:	6.000"	MA-GT-EXM3XS				
	Direction:	CW					
	Torque(Ft.lbs):	110					

3S16009		Specification	Reference OEM Part Numbers				
 	Crankshaft:	1.125"	15779	X0430	X0430-K	AM131779	MA-GT-JD23
	Pulley OD:	5.31"	MA-GT-JD23BF				
	Direction:	CCW					
	Torque(Ft.lbs):	110					

3S16010		Specification	Reference OEM Part Numbers				
 	Crankshaft:	1"	198143	1732833SM	421612	7101323	X0514
	Pulley OD:	5.41"	532198143	1736105	532180505	7101323YP	X0519
	Direction:	CCW	1686883	1736105SM	5321981-43	7600073YP	X0575
	Torque(Ft.lbs):	110	1686883SM	1736105YP	539110417	GT1-EH17	X0580
			1687296SM	179333	539133076	X0144	X0582
More information, Please refer to Page 22							

3S16011		Specification	Reference OEM Part Numbers			
 	Crankshaft:	1"	35-070	MA-GT-EXM	X0714	X0715
	Pulley OD:	6.000"				
	Direction:	CCW				
	Torque(Ft.lbs):	110				

3S16012		Specification	Reference OEM Part Numbers			
 	Crankshaft:	1.125"	MA-GT-JD19			
	Pulley OD:	5/16"				
	Direction:	CCW				
	Torque(Ft.lbs):	110				



**3S16013**
**Specification**

Crankshaft: 1"  
 Pulley OD: 5.320"  
 Direction: CCW  
 Torque(Ft.lbs): 110

**Reference OEM Part Numbers**

MA-GT-JD24BF MA-GT-JD24 X0432 X0432-K


**3S16014**
**Specification**

Crankshaft: 1.125"  
 Pulley OD: 6.05"  
 Direction: CCW  
 Torque(Ft.lbs): 105

**Reference OEM Part Numbers**

03789900 GT1A-AR03


**3S16015**
**Specification**

Crankshaft: 1"  
 Pulley OD: 6.05"  
 Direction: CCW  
 Torque(Ft.lbs): 105

**Reference OEM Part Numbers**

539112233 885443YP GT1A-HU02 X0394


**3S17001**
**Specification**

Crankshaft: 1"  
 Pulley OD: 5.35"  
 Direction: CCW  
 Torque(Ft.lbs): 80

**Reference OEM Part Numbers**

03601800	1772388	5217-6	7-06026	X0119
03643100	230-1236	5217-7	7-06027	X0119-K
104-3334	230-9345	5217-76	7-06299	X0121
105-3462	255-511	5217-9	717-1459	X0121-K
117-7468	255-515	532145028	917-1459	X0141



More information, Please refer to Page 23

**3S17002**
**Specification**

Crankshaft: 1"  
 Pulley OD: 6"  
 Direction: CCW  
 Torque(Ft.lbs): 80

**Reference OEM Part Numbers**

00617400	5217-43	717-04163A	917-05121	X0399
03292300	5217-44	717-04376	X0013	X0399-K
11859	5217-48	717-04376A	X0088	X0401
230-4085	5217-53	717-05121	X0109	X0401-K
255-285	5217-77	917-04163	X0202	X0447



More information, Please refer to Page 23

**317003**
**Specification**

Crankshaft: 1"  
 Pulley OD: 5.2"  
 Direction: CCW  
 Torque(Ft.lbs): 80

**Reference OEM Part Numbers**

1136-0048-01	18399061/0	5217-10	5217-8	X0198-K
1136-0837-01	18399063/0	5217-20	688ECDP	X0203
118399061/0	18399065/1	5217-36	AM121972	X0203-K
118399062/0	19399060/0	5217-38	X0007	X0554
118399063/0	230-2035	5217-4	X0010	X0559



More information, Please refer to Page 24

**3S17004**
**Specification**

Crankshaft: 1"  
Pulley OD: 5.35"  
Direction: CCW  
Torque(Ft.lbs): 80

**Reference OEM Part Numbers**

12231	5217-27	717-3385A	917-3385	X0014
230-2042	5217-42	717-3385AP	917-3385A	X0199
255-293	7-06265	717-3385B	917-3385B	X0199-K
5217-14	717-3385			


**317005**
**Specification**

Crankshaft: 1"  
Pulley OD: 3.7"  
Direction: CCW  
Torque(Ft.lbs): 80

**Reference OEM Part Numbers**

02763200	51516400	52711900	X0117	X0129-K
1096-050	5217-15	52712000	X0117-K	X0527
1096-051	5217-25	MPMD4931	X0129	


**3S18001**
**Specification**

Crankshaft: 1.125"  
Pulley OD: 6"  
Direction: CW  
Torque(Ft.lbs): 200

**Reference OEM Part Numbers**

040313	5218-3	7-06266	X0132	X0279-K
057157	5218-36	X0130	X0132-K	X0307
481228	5218-62	X0130-K	X0279	X0307-K


**3S18002**
**Specification**

Crankshaft: 1.125"  
Pulley OD: 6"  
Direction: CCW  
Torque(Ft.lbs): 150

**Reference OEM Part Numbers**

50068674	33-120	5218-6	X0044-K	X0274
50068675	33-123	5218-60	X0126	X0274-K
00274100	33-127	5218-86	X0126-K	X0278
00389900	33-138	5218-89	X0128	X0278-K
019603	50028140	5218-94	X0128-K	X0283



More information, Please refer to Page 24

**3S18003**
**Specification**

Crankshaft: 1"  
Pulley OD: 6"  
Direction: CW  
Torque(Ft.lbs): 200

**Reference OEM Part Numbers**

11072	01002108	33-184	5218-172	X0567
1134-7432-01	01002108P	5218-14	X0217	


**3S18004**
**Specification**

Crankshaft: 1"  
Pulley OD: 6"  
Direction: CCW  
Torque(Ft.lbs): 200

**Reference OEM Part Numbers**

09068200	5218-250	7-06037	X0037	X0288
13973	5218-29	7-06272	X0037-K	X0288-K
255-431	5218-32	717-3446	X0210	X0291
33-124	5218-35	717-3446P	X0210-K	X0291-K
500067	5218-90	7601023	X0214	X0324



More information, Please refer to Page 25

**3S18005**
**Specification**


Crankshaft: 1"  
 Pulley OD: 6.313"  
 Direction: CW  
 Torque(Ft.lbs): 200

**Reference OEM Part Numbers**

103-0500	1-633098	5218-293	E631644	X0139-K
103-0660	1-641213	5218-4	E631731	X0220
103-0661	255-399	5218-76	E633098	X0220-K
103-0662	33-135	5218-76C	X0042	X0237
109-1915	461397	631644	X0042-K	X0237-K

 More information, Please refer to Page 25
 

---

**3S18006**
**Specification**


Crankshaft: 1"  
 Pulley OD: 6.3"  
 Direction: CCW  
 Torque(Ft.lbs): 175

**Reference OEM Part Numbers**

103245	5218-2	539106880	X0206	X0240-K
106880	5218-211	539132733	X0206-K	X0258
132733	5218-244	7140001	X0231	X0258-K
255-491	5218-294	71410001	X0231-K	X0276
33-154	5218-41	7141001	X0233	X0276-K

 More information, Please refer to Page 25
 

---

**3S18007**
**Specification**


Crankshaft: 1.125"  
 Pulley OD: 6.315"  
 Direction: CW  
 Torque(Ft.lbs): 200

**Reference OEM Part Numbers**

070-5035-00	255-552	5218-65	787366	X0284
102603	255-553	5218-65E	787366K	X0284-K
103-0281	255-642	5218-70	787408	X0286
103-0501	2721337	5218-71	839-234C	X0286-K
103-0664	33-115	5218-73	890-914C	X0301

 More information, Please refer to Page 25-26
 

---

**3S18008**
**Specification**


Crankshaft: 1.125"  
 Pulley OD: 6.375"  
 Direction: CCW  
 Torque(Ft.lbs): 200

**Reference OEM Part Numbers**

71410009	5218-120	539104515	X0219	X0285
00462500	5218-134	539105406	X0219-K	X0285-K
104515	5218-142	583518	X0244	X0315
105406	5218-220	70-1000-00	X0244-K	X0315-K
255-775	5218-221	7-06281	X0245	X0319

 More information, Please refer to Page 26
 

---

**3S18009**
**Specification**


Crankshaft: 1"  
 Pulley OD: 7.25"  
 Direction: CCW  
 Torque(Ft.lbs): 200

**Reference OEM Part Numbers**

103-0690	1-653048	5218-251	7-06283	X0235
105-3630	1-653292	5218-296	71410013	X0235-K
109-2916	255-560	5218-327	E653048	X0263
109-7036	33-137	5218-335	E653292	X0263-K
109-9155	33-153	5218-44	X0017	X0277

 More information, Please refer to Page 26
 

---

**3S18010**
**Specification**


Crankshaft: 1"  
 Pulley OD: 7.25"  
 Direction: CW  
 Torque(Ft.lbs): 200

**Reference OEM Part Numbers**

103-3131	12981	255-243	5218-243	X0257-K
103-3245	12987	5218-100	5218-61	X0306
103-6590	2360	5218-228	X0257	X0306-K

**3S18011**
**Specification**

Crankshaft: 1.125"  
 Pulley OD: 7"  
 Direction: CCW  
 Torque(Ft.lbs): 200

**Reference OEM Part Numbers**

71410026	33-156	5218-300	TR94D2190	X0290
103-9780	500012	5218-323	X0224	X0290-K
109-8462	5100875	5218-334	X0224-K	X0302
109-9275	5100875S	5218-357	X0239	X0302-K
109-9282	5100875SM	5218-54	X0239-K	X0400



More information, Please refer to Page 26-27

**3S18012**
**Specification**

Crankshaft: 1.125"  
 Pulley OD: 7"  
 Direction: CW  
 Torque(Ft.lbs): 200

**Reference OEM Part Numbers**

043590	109-7669	5218-101	5218-254	X0437
103-2453	109-7673	5218-141	5218-270	X0451
103-3132	110-0449	5218-145	5218-326	X0460
103-3244	116-1606	5218-159	5218-99	X0461
103-3246	116-1611	5218-167	7-06293	X0462



More information, Please refer to Page 27

**3S18013**
**Specification**

Crankshaft: 1"  
 Pulley OD: 5.375"  
 Direction: CCW  
 Torque(Ft.lbs): 175

**Reference OEM Part Numbers**

03357900	5218-63	7-06267	X0308	X0317-K
03361100	5218-8	98697	X0308-K	X0323
5218-273	5218-9	AR-33579	X0317	X0323-K


**3S18014**
**Specification**

Crankshaft: 1.125"  
 Pulley OD: 5.375"  
 Direction: CCW  
 Torque(Ft.lbs): 200

**Reference OEM Part Numbers**

092026	33-119-1	539128711	E-6247	X0207
092080	5218-10	539129864	E-6338	X0207-K
092254	5218-103	539129872	X0041	X0232
09225400	5218-19	61516	X0123	X0232-K
11071	5218-223	7-06268	X0123-K	X0247



More information, Please refer to Page 27

**3S18015**
**Specification**

Crankshaft: 1.125"  
 Pulley OD: 5.375"  
 Direction: CW  
 Torque(Ft.lbs): 175

**Reference OEM Part Numbers**

5218-30	5218-320	823165	X0280	X0280-K
---------	----------	--------	-------	---------


**3S18016**
**Specification**

Crankshaft: 1.125"  
 Pulley OD: 4.875"  
 Direction: CW  
 Torque(Ft.lbs): 200

**Reference OEM Part Numbers**

00574200	388771	5218-33	74075	X0254-K
09049000	5022330	5218-58	94-4632	X0270
09407700	5022873	5218-67	990003	X0270-K
104-7756	5025444	5218-68	990004	X0289
105-1671	5101172	5218-79	990300	X0289-K



More information, Please refer to Page 28



**3S18017**
**Specification**

Crankshaft: 1"  
 Pulley OD: 4.875"  
 Direction: CW  
 Torque(Ft.lbs): 175

**Reference OEM Part Numbers**

00554300	388763	574100	73559	X0241
00574100	388795	604180	C375569	X0241-K
11664	5218-212	606240	X0020	X0304
255-319	5218-27	7-06028	X0020-K	X0304-K
33-117	5218-59	70903	X0103	X0311



More information, Please refer to Page 28

**3S18018**
**Specification**

Crankshaft: 1.125"  
 Pulley OD: 4.875"  
 Direction: CCW  
 Torque(Ft.lbs): 175

**Reference OEM Part Numbers**

5218-46	99078	X0298	X0298-K
---------	-------	-------	---------


**318019**
**Specification**

Crankshaft: 1.125"  
 Pulley OD: 4.2  
 Direction: CCW  
 Torque(Ft.lbs): 200

**Reference OEM Part Numbers**

5218-39	X0294	X0294-K
---------	-------	---------


**318020**
**Specification**

Crankshaft: 1"  
 Pulley OD: 4.56"  
 Direction: CW  
 Torque(Ft.lbs): 200

**Reference OEM Part Numbers**

1007024	X0112	X0112-K	X0282	X0282-K
5218-301				


**318021**
**Specification**

Crankshaft: 1.125"  
 Pulley OD: 6.5"  
 Direction: CW  
 Torque(Ft.lbs): 200

**Reference OEM Part Numbers**

103-0011	109-6627	5218-313	X0238	X0287-K
103-0083	5218-161	5218-82	X0238-K	X0318
109-6626	5218-206	7-06284	X0287	X0318-K


**3S18022**
**Specification**

Crankshaft: 1.125"  
 Pulley OD: 6.212"  
 Direction: CCW  
 Torque(Ft.lbs): 200

**Reference OEM Part Numbers**

255-779	574607001	607001	X0260	X0260-K
5218-247				



**3S18023**
**Specification**

Crankshaft: 1"  
 Pulley OD: 4.55"  
 Direction: CCW  
 Torque(Ft.lbs): 150

**Reference OEM Part Numbers**

5218-45      917-3460      GR-10      X0297-K      X0421-K  
 717-3460      CC917-3460      X0297      X0421


**3S18025**
**Specification**

Crankshaft: 1.125"  
 Pulley OD: 6.25"  
 Direction: CCW  
 Torque(Ft.lbs): 200

**Reference OEM Part Numbers**

5218-171      601326K      603273K      X0250      X0272-K  
 5218-227      601785      E-6532      X0250-K      X0420  
 5218-283      601785K      X0230      X0272      X0420-K  
 601326      603273


**3S18026**
**Specification**

Crankshaft: 1  
 Pulley OD: 4.2"  
 Direction: CCW  
 Torque(Ft.lbs): 200

**Reference OEM Part Numbers**

5218-47      7514      X0299      X0303      X0303-K  
 5218-57      76-337      X0299-K


**3S18028**
**Specification**

Crankshaft: 1.125"  
 Pulley OD: 6.36"  
 Direction: CCW  
 Torque(Ft.lbs): 200

**Reference OEM Part Numbers**

5218-157      TCA16998      TCA20655      X0259      X0259-K  
 5218-245      TCA19813      TCA21168


**3S18029**
**Specification**

Crankshaft: 1."  
 Pulley OD: 7.0"  
 Direction: CCW  
 Torque(Ft.lbs): 200

**Reference OEM Part Numbers**

116-3553      5218-280      X0271      X0271-K      X0564  
 116-4395      5218-281






**318030**
**Specification**





Crankshaft: 1.125  
 Pulley OD: 3.46"  
 Direction: CCW  
 Torque(Ft.lbs): 200





**Reference OEM Part Numbers**





5218-126      5218-40      PD-038      X0266      X0266-K  
 5218-261











<b>318032</b>    	<b>Specification</b>	<b>Reference OEM Part Numbers</b>						
	Crankshaft:	1"	5218-121	5218-269	X0213	X0268	X0268-K	
	Pulley OD:	4.9"						
	Direction:	CW						
	Torque(Ft.lbs):	200						

<b>318033</b>    	<b>Specification</b>	<b>Reference OEM Part Numbers</b>						
	Crankshaft:	1.125"	5218-271	TCA20604	TCA21167	X0269	X0269-K	
	Pulley OD:	6.36"						
	Direction:	CCW						
	Torque(Ft.lbs):	200						

<b>318035</b>    	<b>Specification</b>	<b>Reference OEM Part Numbers</b>						
	Crankshaft:	1.125"	00697900	5218-162	697900	X0226	X0226-K	
	Pulley OD:	4.875"						
	Direction:	CW						
	Torque(Ft.lbs):	200						

<b>318036</b>    	<b>Specification</b>	<b>Reference OEM Part Numbers</b>						
	Crankshaft:	1.125"	35-111	5218-20	X0234	X0234-K		
	Pulley OD:	4.375"						
	Direction:	CCW						
	Torque(Ft.lbs):	200						

<b>318037</b>    	<b>Specification</b>	<b>Reference OEM Part Numbers</b>					
	Crankshaft:	1"	IH-61313-C92	5208-23	917-3002	MA-GT-B3	X0428
	Pulley OD:	4.56"	IH-144721-C91	7-06039	717-3002	X0146	X0565
	Direction:	CCW	IH-223412-C1				
	Torque(Ft.lbs):	200	IH-61313-C93				

<b>318038</b>    	<b>Specification</b>	<b>Reference OEM Part Numbers</b>					
	Crankshaft:	1.125"	IH-144720-C91	7-06036	717-3044	917-3044	X0397
	Pulley OD:	4.5"	255-427	717-3012	917-3012	230-4071	X0402
	Direction:	CCW	5209-41	717-3038	917-3038	X0147	X0426
	Torque(Ft.lbs):	200					

**318043**
**Specification**

Crankshaft: 1.125"  
Pulley OD: 4.13"  
Direction: CCW  
Torque(Ft.lbs): 200

**Reference OEM Part Numbers**

104-0265 1674750SM 1686737SM Sunstar20 X0136


**3S18044**
**Specification**

Crankshaft: 1"  
Pulley OD: 5.35"  
Direction: CCW  
Torque(Ft.lbs): 200

**Reference OEM Part Numbers**

1669 X0143


**3S18047**
**Specification**

Crankshaft: 1.125"  
Pulley OD: 4.8"  
Direction: CCW  
Torque(Ft.lbs): 200

**Reference OEM Part Numbers**

3064500 53102300 53114100 X0598 X0720  
5209-14


**3S19001**
**Specification**

Crankshaft: 1"  
Pulley OD: 6"  
Direction: CCW  
Torque(Ft.lbs): 125

**Reference OEM Part Numbers**

00191700 5100915SM 5219-94 917-04754A X0359-K  
100-6059 5219-115 7-06286 AM138234 X0369  
103-9950 5219-119 71410006 D38155 X0369-K  
108-9510 5219-19 717-04214 GDA10017 X0370  
110-6766 5219-3 717-04526 X0005 X0370-K



More information, Please refer to Page 30-31

**3S19002**
**Specification**

Crankshaft: 1"  
Pulley OD: 6"  
Direction: CW  
Torque(Ft.lbs): 105

**Reference OEM Part Numbers**

106-4099 230-9331 5219-31 X0329-K X0361  
110015 343084 5219-33 X0352 X0361-K  
1134-5674-01 5219-100 5219-46 X0352-K X0538  
13469 5219-21 X0329


**3S19003**
**Specification**

Crankshaft: 1.125"  
Pulley OD: 6"  
Direction: CCW  
Torque(Ft.lbs): 125

**Reference OEM Part Numbers**

12899 717-04180 917-04180 X0365 X0375  
5219-52 717-04326 917-04326 X0365-K X0375-K  
5219-74





**3S19004**
**Specification**

Crankshaft: 1"  
Pulley OD: 7.25"  
Direction: CCW  
Torque(Ft.lbs): 125


**Reference OEM Part Numbers**

104-3624	2721110	5219-54	X0138	X0345-K
109-7035	423285	7-06289	X0138-K	X0366
116-5059	5219-122	7-06291	X0344	X0366-K
13554	5219-13	71410014	X0344-K	X0743
255-339	5219-16	X0009	X0345	X0751

More information, Please refer to Page 31

**3S19005**
**Specification**

Crankshaft: 1.125"  
Pulley OD: 6.315"  
Direction: CW  
Torque(Ft.lbs): 125


**Reference OEM Part Numbers**

255-455	33-132	5219-14	7-06290	X0063
2722016				

**3S19006**
**Specification**

Crankshaft: 1"  
Pulley OD: 5.31"  
Direction: CCW  
Torque(Ft.lbs): 125


**Reference OEM Part Numbers**

5219-106

**3S19007**
**Specification**

Crankshaft: 1"  
Pulley OD: 6"  
Direction: CCW  
Torque(Ft.lbs): 125


**Reference OEM Part Numbers**

00480600	5219-147	717-04552	917-05192	X0338-K
112-0913	5219-158	717-04552A	917-05209	X0339
112-6044	5219-159	717-05000	917-1774	X0339-K
119-8941	5219-164	717-05122A	917-1774B	X0341
119-9057	5219-170	717-05123	917-1774C	X0341-K

More information, Please refer to Page 31-32

**3S19008**
**Specification**

Crankshaft: 1"  
Pulley OD: 6.3"  
Direction: CCW  
Torque(Ft.lbs): 125


**Reference OEM Part Numbers**

105804	5219-23	7-06276	X0334	X0358
105854	5219-24	784835	X0334-K	X0358-K
107-1733	5219-35	784835K	X0335	X0373
108-9511	5219-37	890-134C	X0335-K	X0373-K
117-1252	5219-39	917-04895	X0348	X0398

More information, Please refer to Page 32

**3S19009**
**Specification**

Crankshaft: 1"  
Pulley OD: 5.375"  
Direction: CCW  
Torque(Ft.lbs): 125


**Reference OEM Part Numbers**

114595	5219-15	63246	X0122	X0350
120786	5219-22	7-06211	X0122-K	X0350-K
16026	5219-28	7063246	X0343	X0395
16138	5219-80	7063246YP	X0343-K	X0395-K
50055658	539114595	AM138730	X0347	X0533

More information, Please refer to Page 32

**3S19010**
**Specification**

Crankshaft: 1"  
 Pulley OD: 5.45"  
 Direction: CCW  
 Torque(Ft.lbs): 125

**Reference OEM Part Numbers**

255-835	5219-1	AM126100	X0327-K	X0333
287301	5219-108	X0101	X0332	X0378
3813	5219-11	X0327	X0332-K	X0378-K
505287301	5219-8			


**3S19011**
**Specification**

Crankshaft: 1"  
 Pulley OD: 4.75"  
 Direction: CW  
 Torque(Ft.lbs): 175

**Reference OEM Part Numbers**

388764	5219-10	7-06287	X0328	X0328-K
388765	606239			


**3S19012**
**Specification**

Crankshaft: 1"  
 Pulley OD: 6.15"  
 Direction: CCW  
 Torque(Ft.lbs): 105

**Reference OEM Part Numbers**

GY20878	5219-73	230-9337	X0374	X0424-K
5219-114	GY20108	GY21339	X0374-K	X0425
5219-20	GY20652	GY21340	X0424	X0425-K
5219-72				


**319013**
**Specification**

Crankshaft: 1"  
 Pulley OD: 6.375"  
 Direction: CCW  
 Torque(Ft.lbs): 125

**Reference OEM Part Numbers**

00385500	5219-162	601325	X0107-K	X0389
02975300	5219-55	601325K	X0133	X0389-K
03368000	5219-90	603545	X0133-K	X0541
03370600	5219-91	603545K	X0367	X0561
04678400	5219-97	X0107	X0367-K	X0733



More information, Please refer to Page 33

**319014**
**Specification**

Crankshaft: 1.125"  
 Pulley OD: 7"  
 Direction: CCW  
 Torque(Ft.lbs): 125

**Reference OEM Part Numbers**

5219-68	5219-71	TCA16667	X0372	X0372-K
---------	---------	----------	-------	---------


**3S19015**
**Specification**

Crankshaft: 1.125"  
 Pulley OD: 6.3"  
 Direction: CCW  
 Torque(Ft.lbs): 125

**Reference OEM Part Numbers**

00605200	5219-76	TCA14535	X0376	X0380-K
00867200	5219-82	X0353	X0376-K	X0382
4144116	5219-86	X0353-K	X0380	X0382-K
5219-32				



**3S19016**
**Specification**

Crankshaft: 1"  
 Pulley OD: 5.923"  
 Direction: CCW  
 Torque(Ft.lbs): 125

**Reference OEM Part Numbers**

050520	5219-99	717-04622	917-04622	X0391
255-295	717-04183	917-04183	GT1A-MT09	X0391-K


**319017**
**Specification**

Crankshaft: 1"  
 Pulley OD: 5.625"  
 Direction: CCW  
 Torque(Ft.lbs): 125

**Reference OEM Part Numbers**

5219-62	AM134397	AM137323	X0383	X0384
5219-87	AM136787	AM141536	X0383-K	X0384-K
5219-88				


**319019**
**Specification**

Crankshaft: 1"  
 Pulley OD: 6.5"  
 Direction: CCW  
 Torque(Ft.lbs): 125

**Reference OEM Part Numbers**

5219-83	AM136115	X0381	X0381-K
---------	----------	-------	---------


**319020**
**Specification**

Crankshaft: 1.125"  
 Pulley OD: 6.8"  
 Direction: CCW  
 Torque(Ft.lbs): 125

**Reference OEM Part Numbers**

02999900	5219-93	TCA16665	X0386	X0478
5219-131	TCA15119	X0371	X0386-K	X0478-K
5219-65	TCA16538	X0371-K		


**3S19021**
**Specification**

Crankshaft: 1.125"  
 Pulley OD: 7.25"  
 Direction: CCW  
 Torque(Ft.lbs): 125

**Reference OEM Part Numbers**

255-151	5219-44	TCA15489	X0340	X0360
353202	5219-84	TCA19812	X0340-K	X0360-K
5219-141				


**3S19029**
**Specification**

Crankshaft: 1"  
 Pulley OD: 6"  
 Direction: CCW  
 Torque(Ft.lbs): 125

**Reference OEM Part Numbers**

5101529	5101529SM	5219-104	X0330	X0330-K
5101529S	5101529YP			



LUPER #	Reference OEM Part Numbers				
<b>3S15001</b>	00092453	1-543860	5210-30	59003000	TR94D2514
	01000725	1-543862	5215-14	7017063	X0149
	044631	1-551054	5215-145	7017063YP	X0149-K
	04915400	17063	5215-25	7-06030	X0168
	052632	1-7063	5215-61	7-06035	X0168-K
	09010400	188018	5215-68	717-1773	X0171
	106316X	188019	5215-89	717-3375	X0171-K
	109550X	21083	532109550	717-3384	X0176
	11858	21270100	532917063	717-3389	X0176-K
	12230	230-4081	541001	717-3389P	X0186
	1521083	255-347	541003	917063	X0186-K
	1-541001	255-387	541050	917-1773	X0188
	1-541003	33-114	542322	917-3384	X0188-K
	1-541050	49154	543259	917-3389	X0197
	1-541353	49154-AR	543860	94-2514	X0197-K
	1-542322	5021083	543862	D18000	X0444
	1-543259	5210-10	551054		

LUPER #	Reference OEM Part Numbers				
<b>3S15002</b>	03090800	33-113	7-06029	TR103D9950	X0467
	113997	388766	93-3160	WD-C38410	X0467-K
	17531	5210-31	9913	WD-C47449	X0468
	230-4073	5210-52	C38410	X0102	X0468-K
	255-519	5215-62	C47449	X0413	X0552
	30908	604182	TR100D6059	X0450	

LUPER #	Reference OEM Part Numbers				
<b>3S15003</b>	126167	128132	33-183	5215-18	1226028
	128028	255-415			

LUPER #	Reference OEM Part Numbers				
<b>3S15004</b>	1692430	917-0983	959-3230	255-539	83993862
	1742518	917-3497	5210-33	5215-129	9800686
	1755341	990947	5215-59	X0164	GB243038
	1755341P	232201	X0185	X0164-K	LB740401
	B1755341	33-128-1	X0185-K	230-6235	217413
	GW-1755341P	7-06062	230-4079	5215-103	243038
	GW-B1755341	12227	5210-41	X0159	740401
	X0114	16343	X0154	X0159-K	741979
	X0114-K	19982	717-1708	7019982	X0427
	C33197	53679	917-1708	X0116	C32372
	C47443	7016343	33-125-1	5210-49	X0499
	7-06295	7053679	7-06064	X0156	5210-62
	5215-108	1703816	11828	X0156-K	X0534



	X0160	71703816	74022	5210-56	5210-12
	X0160-K	7053679YP	707402	X0157	X0711
	1703816SM	255-547	7-4022	X0157-K	5210-3
	717-0983	11346	7074022	X0403	X0717
	717-3497	99-8012	7074022YP	X0403-K	

LUPER #	Reference OEM Part Numbers				
<b>3S15005</b>	601979	1-601979	21823	21823SM	255-383
	603463	1-603463	1521823	5021823SM	255-507
	603539	1-603539	5021823	29678	5215-13
	611190	1-611190	7-06260	7029678	X0165
	611223	1-611223	11857	7029678YP	X0165-K

LUPER #	Reference OEM Part Numbers				
<b>3S15006</b>	138412	33-116	5215-92	AM118969	X0190
	230-4070	5215-35	5215-96	AM119971	X0407
	255-423	5215-53	AM100979	AM122969	X0407-K
	326108	5215-55	AM108393	AM123038	X0408
	326108MA	5215-7	AM115090	AM38260	X0408-K

LUPER #	Reference OEM Part Numbers				
<b>3S15007</b>	12309	230-4066	532140923	7-06262	917532170056
	140923	255-359	532150283	917140923	X0191
	170056	5210-60	532170056	917170056	X0191-K
	174509	5215-73	532174509	917532140923	X0700

LUPER #	Reference OEM Part Numbers				
<b>3S15008</b>	108218X	33-110	532142600	917532108218	X0155
	137140	5210-15	7-06034	917532142600	X0155-K
	142600	5210-46	717-0949	9910	X0184
	230-4064	5215-51	717-1434	X0100	X0184-K
	255-351	5215-64	917-0949	X0150	X0187
	3014	532108218	917-1434	X0150-K	X0187-K

LUPER #	Reference OEM Part Numbers				
<b>3S15009</b>	717-1709	7-06063	5215-130	1706692SM	X0174-K
	917-1709	11829	X0166	5215-22	230-2039
	33-126-1	255-543	230-4077	X0174	

LUPER #	Reference OEM Part Numbers				
<b>3S15010</b>	03450500	255-323	5215-146	7079446YP	C48055
	050236	33-118-1	5215-88	79197	X0172
	11070	3450500	7-06263	7-9197	X0172-K
	116277	50300	7079197	79446	X0196
	230-4060	5210-34	7079446	7-9446	

LUPER #	Reference OEM Part Numbers				
<b>3S15011</b>	047004	33-185	523370	917532127170	X0152-K
	110880X	5210-35	532127170	X0125	X0173
	127170X	5215-15	582948801	X0125-K	X0189
	133501	5215-69	7-06040	X0145	X0189-K
	14045	5215-69U	717-3390	X0145-K	X0193
	21040300	5215-79	917-3390	X0152	X0193-K
	255-435	523025			

LUPER #	Reference OEM Part Numbers				
<b>315012</b>	12247	255-475	5215-142	717-04080	X0170
	230-4083	33-139	7-06296	917-04080	X0170-K

<b>3S15013</b>	5215-34	AM115091	X0179	X0409	X0409-K
	5215-9	AM123123	X0179-K		

LUPER #	Reference OEM Part Numbers				
<b>3S15014</b>	5215-115	60208	AM118625	X0177	X0454
	5215-117	94011	AM125082	X0177-K	X0539
	5215-27	AM106365	AM126710	X0195	X0543
	5215-5	AM116654	E-6215	X0195-K	X0586
	5215-86				

LUPER #	Reference OEM Part Numbers				
<b>3S15015</b>	12980	230-4067	33-122-1	532174367	X0167
	174367	255-363	5215-134	7-06264	X0167-K

LUPER #	Reference OEM Part Numbers				
<b>315016</b>	1714637	5215-101	5215-95	X0194	X0587
	1714637MA	5215-83	GW-1772076	X0194-K	X0712
	1772076				

LUPER #	Reference OEM Part Numbers				
<b>3S15018</b>	5215-114	5215-56	X0162-K	X0504	X0515
	5215-36	X0162			

LUPER #	Reference OEM Part Numbers				
<b>315019</b>	5215-16	TR100D6060	X0473	X0474	X0475
	7-06065	TR92D6885	X0473-K	X0474-K	X0475-K

LUPER #	Reference OEM Part Numbers				
<b>3S15020</b>	5215-11	AM103035	AM119536	X0178-K	X0406
	5215-29	AM108601	X0161	X0182	X0406-K
	5215-44	AM115093	X0178	X0182-K	

LUPER #	Reference OEM Part Numbers				
<b>3S15021</b>	5210-40	7-06294	C47444	X0153-K	X0180-K
	5215-42	C33198	X0153	X0180	

LUPER #	Reference OEM Part Numbers		
<b>315023</b>	1708527	X0175	X0175-K

LUPER #	Reference OEM Part Numbers				
<b>3S15024</b>	36223	44815200	5215-126	MPMD4918	X0573

LUPER #	Reference OEM Part Numbers				
<b>315025</b>	5210-28	5215-111	717-3313	917-3313	X0576
	5210-39	5215-46	717-3467	99-8011	X0577
	5215-107	717-3035	917-3035	X0574	

LUPER #	Reference OEM Part Numbers			
<b>315026</b>	5210-53	5215-74	X0579	X0589

LUPER #	Reference OEM Part Numbers	
<b>3S15027</b>	5215-65	X0591

LUPER #	Reference OEM Part Numbers		
<b>3S15028</b>	5210-27	5215-120	X0593

LUPER #	Reference OEM Part Numbers				
<b>315029</b>	5215-109	C47445	X0414	X0414-K	X0595
	5215-19				

LUPER #	Reference OEM Part Numbers	
<b>3S15030</b>	5215-110	X0713

LUPER #	Reference OEM Part Numbers				
<b>315031</b>	5210-9	X0158	X0158-K	X0396	X0396-K
	717-3036				

LUPER #	Reference OEM Part Numbers				
<b>316001</b>	105-2635	3036325YP	55-7410	GT1-TR05	MA-GT-TRO2
	105-2653	54-3200	GT1-TR04	MA-GT1-TR01	X0572
	3036325				

LUPER #	Reference OEM Part Numbers				
<b>3S16002</b>	2048	01008544P	AM130328	G100	GT1-JD08
	2348	15777	AM133209	GT1A-JD10	MA-GT-JD19B
	2554	61008544	eX0537		

LUPER #	Reference OEM Part Numbers				
<b>3S16003</b>	02002160	15782	GT1-CT04	MA-GT-KB05P	X0747
	02002160P				

LUPER #	Reference OEM Part Numbers				
<b>3S16004</b>	15781	1687746	1720532	GB-88384	LB742606
	1686880	1687746YP	1720532SM	GT1-BS03	X0550
	1686880SM	1717664SM	255-783X		

LUPER #	Reference OEM Part Numbers				
<b>3S16005</b>	15771	414737	5215-140	532179355	GT1A-EH01
	174605	500144	532174605	532414737	GT3000
	179335	5100417	532179335	53462700	X0169

LUPER #	Reference OEM Part Numbers				
<b>3S16006</b>	04387900	255-066X	471717P	53594500	X0588
	15772	400008	532179334	587241601	X0709
	179334	414336	532414336	GT1A-EH07	

LUPER #	Reference OEM Part Numbers				
<b>3S16007</b>	01008434	5023100	7063304	MA-GT-SN11	X0491
	01008434P	5023100SM	7063304YP	MA-GT-SN11S	X0493
	124833	51110100	7075085	MA-GT-TRO	X0496
	1757359	539124833	759-05064	MA-GT-TROC	X0547
	33386	54-0220	MA-GT-DX11CU	X0488	X0548
	35016	7029232	MA-GT-JD11	X0489	X0703
	3579	7029232SM	MA-GT-JD2	X0490	X0707
	44-0770	7029232YP			

LUPER #	Reference OEM Part Numbers				
<b>3S16008</b>	15775	461074	481633	48786	MA-GT-EXM3X
	461073				S

LUPER #	Reference OEM Part Numbers				
<b>3S16009</b>	15779	MA-GT-JD23	MA-GT-JD23BF	X0430	X0430-K
	AM131779				

LUPER #	Reference OEM Part Numbers				
<b>3S16010</b>	198143	1732833SM	421612	7101323	X0514
	532198143	1736105	532180505	7101323YP	X0519
	1686883	1736105SM	5321981-43	7600073YP	X0575
	1686883SM	1736105YP	539110417	GT1-EH17	X0580
	1687296SM	179333	539133076	X0144	X0582
	1718836	180505	583389701		



LUPER #	Reference OEM Part Numbers				
<b>3S16011</b>	35-070	MA-GT-EXM	X0714	X0715	

LUPER #	Reference OEM Part Numbers				
<b>3S16012</b>	MA-GT-JD19				

LUPER #	Reference OEM Part Numbers				
<b>3S16013</b>	MA-GT-JD24	MA-GT-JD24BF	X0432	X0432-K	

LUPER #	Reference OEM Part Numbers				
<b>3S16014</b>	03789900	GT1A-AR03			

LUPER #	Reference OEM Part Numbers				
<b>3S16015</b>	539112233	885443YP	GT1A-HU02	X0394	

LUPER #	Reference OEM Part Numbers				
<b>316016</b>	119-2595	GT1-TR14	X0710		

LUPER #	Reference OEM Part Numbers				
<b>3S17001</b>	03601800	1772388	5217-6	7-06026	X0119
	03643100	230-1236	5217-7	7-06027	X0119-K
	104-3334	230-9345	5217-76	7-06299	X0121
	105-3462	255-511	5217-9	717-1459	X0121-K
	117-7468	255-515	532145028	917-1459	X0141
	120756	33-111	532160889	9911	X0141-K
	145028	33-112	532167162	9912	X0200
	160889	4410-1	53740	AM119683	X0200-K
	167162	5217-2	539120756	GW-1772388	X0201
	1686882	5217-28	688EC	TR104D3334	X0439
	1686882S	5217-30	7053740	TR105D3462	X0440
	1686882SM	5217-35	7053740S	X0002	X0477
	1708536	5217-46	7053740SM	X0003	X0558

LUPER #	Reference OEM Part Numbers				
<b>3S17002</b>	00617400	5217-43	717-04163A	917-05121	X0399
	03292300	5217-44	717-04376	X0013	X0399-K
	11859	5217-48	717-04376A	X0088	X0401
	230-4085	5217-53	717-05121	X0109	X0401-K
	255-285	5217-77	917-04163	X0202	X0447
	33-133	601801	917-04163A	X0202-K	X0448
	5217-32	601801K	917-04376	X0204	X0449
	5217-33	7-06297	917-04376A	X0204-K	X0563
	5217-34	717-04163			

LUPER #	Reference OEM Part Numbers				
<b>317003</b>	1136-0048-01	18399061/0	5217-10	5217-8	X0198-K
	1136-0837-01	18399063/0	5217-20	688ECDP	X0203
	118399061/0	18399065/1	5217-36	AM121972	X0203-K
	118399062/0	19399060/0	5217-38	X0007	X0554
	118399063/0	230-2035	5217-4	X0010	X0559
	14316	230-2037	5217-45	X0198	X0719
	18399060/0				

LUPER #	Reference OEM Part Numbers				
<b>3S17004</b>	12231	5217-27	717-3385A	917-3385	X0014
	230-2042	5217-42	717-3385AP	917-3385A	X0199
	255-293	7-06265	717-3385B	917-3385B	X0199-K
	5217-14	717-3385			

LUPER #	Reference OEM Part Numbers				
<b>317005</b>	02763200	51516400	52711900	X0117	X0129-K
	1096-050	5217-15	52712000	X0117-K	X0527
	1096-051	5217-25	MPMD4931	X0129	

LUPER #	Reference OEM Part Numbers				
<b>3S18001</b>	040313	5218-3	7-06266	X0132	X0279-K
	057157	5218-36	X0130	X0132-K	X0307
	481228	5218-62	X0130-K	X0279	X0307-K

LUPER #	Reference OEM Part Numbers				
<b>3S18002</b>	50068674	33-120	5218-6	X0044-K	X0274
	50068675	33-123	5218-60	X0126	X0274-K
	00274100	33-127	5218-86	X0126-K	X0278
	00389900	33-138	5218-89	X0128	X0278-K
	019603	50028140	5218-94	X0128-K	X0283
	09208000	50049812	7-06038	X0208	X0283-K
	09232700	5218-105	7-06271	X0208-K	X0305
	09266700	5218-117	7-06277	X0211	X0305-K
	11073	5218-127	717-3403	X0211-K	X0321
	12228	5218-17	717-3403P	X0215	X0321-K
	14009	5218-284	917-3403	X0215-K	X0322
	20002	5218-285	GDA10122	X0228	X0322-K
	230-4061	5218-299	P604	X0273	X0568
	255-419	5218-302	X0016	X0273-K	X0594
	255-627	5218-31	X0044		

LUPER #	Reference OEM Part Numbers				
<b>3S18003</b>	01002108	11072	33-184	5218-172	X0567
	01002108P	1134-7432-01	5218-14	X0217	

LUPER #	Reference OEM Part Numbers				
<b>3S18004</b>	09068200	5218-250	7-06037	X0037	X0288
	13973	5218-29	7-06272	X0037-K	X0288-K
	255-431	5218-32	717-3446	X0210	X0291
	33-124	5218-35	717-3446P	X0210-K	X0291-K
	500067	5218-90	7601023	X0214	X0324
	5218-116	690461	7601023MA	X0262	X0324-K
	5218-116A	690461MA	917-3446	X0262-K	X0570
	5218-124				

LUPER #	Reference OEM Part Numbers				
<b>3S18005</b>	103-0500	1-633098	5218-293	E631644	X0139-K
	103-0660	1-641213	5218-4	E631731	X0220
	103-0661	255-399	5218-76	E633098	X0220-K
	103-0662	33-135	5218-76C	X0042	X0237
	109-1915	461397	631644	X0042-K	X0237-K
	109-9196	5218-149	631731	X0106	X0295
	11133	5218-204	633098	X0135	X0295-K
	117781	5218-21	7-06269	X0135-K	X0456
	1-631644	5218-25	7-06282	X0139	X0456-K
	1-631731				

LUPER #	Reference OEM Part Numbers				
<b>3S18006</b>	103245	5218-2	539106880	X0206	X0240-K
	106880	5218-211	539132733	X0206-K	X0258
	132733	5218-244	7140001	X0231	X0258-K
	255-491	5218-294	71410001	X0231-K	X0276
	33-154	5218-41	7141001	X0233	X0276-K
	481204	5218-52	X0120	X0233-K	X0296
	5218-102	539103245	X0120-K	X0240	X0296-K
	5218-175				

LUPER #	Reference OEM Part Numbers				
<b>3S18007</b>	070-5035-00	255-552	5218-65	787366	X0284
	102603	255-553	5218-65E	787366K	X0284-K
	103-0281	255-642	5218-70	787408	X0286
	103-0501	2721337	5218-71	839-234C	X0286-K
	103-0664	33-115	5218-73	890-914C	X0301
	103-0665	33-136	5218-91	E631732	X0301-K
	103-1364	33-155	5218-95	E633099	X0312
	109580	33-188	539102603	TCA12522	X0312-K
	11237	388740	539109580	X0015	X0313
	11444	5218-110	548-65	X0049	X0313-K
	11445	5218-154	601311	X0049-K	X0314
	12262	5218-213	601311K	X0104	X0314-K

	12454	5218-219	631645	X0222	X0325
	1-631645	5218-222	631732	X0222-K	X0325-K
	1-631732	5218-225	633099	X0243	X0326
	1-633099	5218-259	7-06032	X0243-K	X0326-K
	1-641300	5218-303	7-06278	X0246	X0457
	180265	5218-307	7-06280	X0246-K	X0511
	2188151	5218-5	781039	X0248	X0512
	230-4076	5218-50	781039K	X0248-K	X0513
	255-535	5218-55			

LUPER #	Reference OEM Part Numbers				
<b>3S18008</b>	71410009	5218-120	539104515	X0219	X0285
	00462500	5218-134	539105406	X0219-K	X0285-K
	104515	5218-142	583518	X0244	X0315
	105406	5218-220	70-1000-00	X0244-K	X0315-K
	255-775	5218-221	7-06281	X0245	X0319
	255-827	5218-241	7-06285	X0245-K	X0319-K
	462500	5218-256	TCA16999	X0256	X0320
	5100084	5218-305	TCA19141	X0256-K	X0320-K
	5100084S	5218-75	X0212	X0265	X0436
	5100084SM	5218-83	X0212-K	X0265-K	X0517
	5218-114	5218-85	X0216		

LUPER #	Reference OEM Part Numbers				
<b>3S18009</b>	103-0690	1-653048	5218-251	7-06283	X0235
	105-3630	1-653292	5218-296	71410013	X0235-K
	109-2916	255-560	5218-327	E653048	X0263
	109-7036	33-137	5218-335	E653292	X0263-K
	109-9155	33-153	5218-44	X0017	X0277
	109-9276	33-187	5218-49	X0047	X0277-K
	11075	5218-109	5218-80	X0209	X0300
	12261	5218-150	5218-80C	X0209-K	X0300-K
	12517	5218-16	603078	X0221	X0453
	125-4673	5218-201	653048	X0221-K	X0506
	130-1849	5218-205	653292	X0225	X0507
	130-4673	5218-215	7-06275	X0225-K	X0508

LUPER #	Reference OEM Part Numbers				
<b>3S18010</b>	103-3131	12981	255-243	5218-243	X0257-K
	103-3245	12987	5218-100	5218-61	X0306
	103-6590	2360	5218-228	X0257	X0306-K

LUPER #	Reference OEM Part Numbers				
<b>3S18011</b>	71410026	33-156	5218-300	TR94D2190	X0290
	103-9780	500012	5218-323	X0224	X0290-K

	109-8462	5100875	5218-334	X0224-K	X0302
	109-9275	5100875S	5218-357	X0239	X0302-K
	109-9282	5100875SM	5218-54	X0239-K	X0400
	116-1604	5203434	523434	X0242	X0400-K
	116-1620	5218-107	71410024	X0242-K	X0442
	116-1947	5218-140	717-04967	X0252	X0459
	116-4172	5218-158	917-04967	X0252-K	X0483
	116-4477	5218-207	94-2190	X0261	X0483-K
	116-8517	5218-210	C3440	X0261-K	X0516
	11825	5218-218	E-6444	X0275	X0553
	12835	5218-23	K3811-10130	X0275-K	X0716
	130-1848	5218-248	K3811-10132	X0281	X0731
	255-207	5218-253	K3881-10140	X0281-K	X0739
	255-375	5218-288			

LUPER #	Reference OEM Part Numbers				
<b>3S18012</b>	043590	109-7669	5218-101	5218-254	X0437
	103-2453	109-7673	5218-141	5218-270	X0451
	103-3132	110-0449	5218-145	5218-326	X0460
	103-3244	116-1606	5218-159	5218-99	X0461
	103-3246	116-1611	5218-167	7-06293	X0462
	103-4000	116-1612	5218-168	71410017	X0463
	103-4057	117-3869	5218-202	71410018	X0464
	103-5835	12403	5218-203	TCA23182	X0465
	103-6579	14353	5218-208	X0131	X0466
	103-6589	255-488	5218-209	X0131-K	X0518
	109-7665	33-157	5218-217	X0236	X0584
	109-7666	500056	5218-233	X0236-K	X0708

LUPER #	Reference OEM Part Numbers				
<b>3S18013</b>	03357900	5218-63	7-06267	X0308	X0317-K
	03361100	5218-8	98697	X0308-K	X0323
	5218-273	5218-9	AR-33579	X0317	X0323-K

LUPER #	Reference OEM Part Numbers				
<b>3S18014</b>	092026	33-119-1	539128711	E-6247	X0207
	092080	5218-10	539129864	E-6338	X0207-K
	092254	5218-103	539129872	X0041	X0232
	09225400	5218-19	61516	X0123	X0232-K
	11071	5218-223	7-06268	X0123-K	X0247
	128711	5218-224	94-6136	X0124	X0247-K
255-331	5218-328	98457	X0124-K	X0535	

LUPER #	Reference OEM Part Numbers				
<b>3S18015</b>	5218-30	5218-320	823165	X0280	X0280-K



LUPER #	Reference OEM Part Numbers				
<b>3S18016</b>	00574200	388771	5218-33	74075	X0254-K
	09049000	5022330	5218-58	94-4632	X0270
	09407700	5022873	5218-67	990003	X0270-K
	104-7756	5025444	5218-68	990004	X0289
	105-1671	5101172	5218-79	990300	X0289-K
	11074	5101790	5600213	X0043	X0310
	12114	5218-1	574200	X0043-K	X0310-K
	22330	5218-115	58925	X0105	X0316
	230-4063	5218-147	604183	X0105-K	X0404
	255-335	5218-170	606242	X0205	X0404-K
	255-771	5218-214	7058295	X0205-K	X0452
	255-895	5218-226	7058925	X0229	X0480
	33-121	5218-229	7058925YP	X0229-K	X0485
	33-189	5218-237	7-06270	X0249	X0509
	35520	5218-238	7-06279	X0251	X0510
	388767	5218-257	71379	X0251-K	X0734
	388768	5218-26	73111	X0254	X0742
	388769	5218-272	73558		

LUPER #	Reference OEM Part Numbers				
<b>3S18017</b>	00554300	388763	574100	73559	X0241
	00574100	388795	604180	C375569	X0241-K
	11664	5218-212	606240	X0020	X0304
	255-319	5218-27	7-06028	X0020-K	X0304-K
	33-117	5218-59	70903	X0103	X0311
	388760	5218-69	73112	X0110	X0311-K
	388761	554300	73113	X0110-K	X0455
	388762				

LUPER #	Reference OEM Part Numbers			
<b>3S18018</b>	5218-46	99078	X0298	X0298-K

LUPER #	Reference OEM Part Numbers		
<b>318019</b>	5218-39	X0294	X0294-K

LUPER #	Reference OEM Part Numbers				
<b>318020</b>	1007024	X0112	X0112-K	X0282	X0282-K
	5218-301				

LUPER #	Reference OEM Part Numbers				
<b>318021</b>	103-0011	109-6627	5218-313	X0238	X0287-K
	103-0083	5218-161	5218-82	X0238-K	X0318
	109-6626	5218-206	7-06284	X0287	X0318-K

LUPER #	Reference OEM Part Numbers				
3S18022	255-779	574607001	607001	X0260	X0260-K
	5218-247				

LUPER #	Reference OEM Part Numbers				
318023	5218-45	917-3460	GR-10	X0297-K	X0421-K
	717-3460	CC917-3460	X0297	X0421	

LUPER #	Reference OEM Part Numbers				
318025	5218-171	601326K	603273K	X0250	X0272-K
	5218-227	601785	E-6532	X0250-K	X0420
	5218-283	601785K	X0230	X0272	X0420-K
	601326	603273			

LUPER #	Reference OEM Part Numbers				
318026	5218-47	7514	X0299	X0303	X0303-K
	5218-57	76-337	X0299-K		

LUPER #	Reference OEM Part Numbers			
318027	5218-24	X0255	X0255-K	

LUPER #	Reference OEM Part Numbers				
3S18028	5218-157	TCA16998	TCA20655	X0259	X0259-K
	5218-245	TCA19813	TCA21168		

LUPER #	Reference OEM Part Numbers				
3S18029	116-3553	5218-280	X0271	X0271-K	X0564
	116-4395	5218-281			

LUPER #	Reference OEM Part Numbers				
318030	5218-126	5218-40	PD-038	X0266	X0266-K
	5218-261				

LUPER #	Reference OEM Part Numbers				
318031	5218-267	X0267	X0267-K	X0309	X0309-K
	5218-64				

LUPER #	Reference OEM Part Numbers				
318032	5218-121	5218-269	X0213	X0268	X0268-K

LUPER #	Reference OEM Part Numbers				
318033	5218-271	TCA20604	TCA21167	X0269	X0269-K

LUPER #	Reference OEM Part Numbers				
<b>318034</b>	5218-262	TCA12146	TCA123316	X0293	X0293-K
	5218-38	TCA12148			

LUPER #	Reference OEM Part Numbers				
<b>318035</b>	00697900	5218-162	697900	X0226	X0226-K

LUPER #	Reference OEM Part Numbers				
<b>318036</b>	35-111	5218-20	X0234	X0234-K	

LUPER #	Reference OEM Part Numbers				
<b>318037</b>	5208-23	917-3002	IH-61313-C92	MA-GT-B3	X0428
	7-06039	IH-144721-C91	IH-61313-C93	X0146	X0565
	717-3002	IH-223412-C1			

LUPER #	Reference OEM Part Numbers				
<b>318038</b>	230-4071	7-06036	717-3044	917-3044	X0397
	255-427	717-3012	917-3012	IH-144720-C91	X0402
	5209-41	717-3038	917-3038	X0147	X0426

LUPER #	Reference OEM Part Numbers				
<b>318042</b>	1007045	5218-78	X0113		X0113-K
					X0501

LUPER #	Reference OEM Part Numbers				
<b>318043</b>	104-0265	1674750SM	1686737SM	Sunstar20	X0136

LUPER #	Reference OEM Part Numbers				
<b>3S18044</b>	1669	X0143			

LUPER #	Reference OEM Part Numbers				
<b>3S18045</b>	5209-46	717-3340	917-3340	X0148	

LUPER #	Reference OEM Part Numbers				
<b>318046</b>	1744401	GW-1744401	MA-GT-BN1	X0555	X0556
	1744401P	GW-1744401P			

LUPER #	Reference OEM Part Numbers				
<b>3S18047</b>	3064500	53102300	53114100	X0598	X0720
	5209-14				

LUPER #	Reference OEM Part Numbers				
<b>3S19001</b>	00191700	5100915SM	5219-94	917-04754A	X0359-K
	100-6059	5219-115	7-06286	AM138234	X0369
	103-9950	5219-119	71410006	D38155	X0369-K

	108-9510	5219-19	717-04214	GDA10017	X0370
	110-6766	5219-3	717-04526	X0005	X0370-K
	12658	5219-34	717-04754	X0346	X0379
	255-143	5219-34A	717-04754A	X0346-K	X0379-K
	255-823	5219-4	791541	X0351	X0387
	255-887	5219-45	917-04214	X0351-K	X0387-K
	33-130	5219-58	917-04526	X0354	X0505
	33-190	5219-63	917-04526A	X0354-K	X0597
	5100915	5219-66	917-04754	X0359	X0701
	5100915S	5219-81			

LUPER #	Reference OEM Part Numbers				
<b>3S19002</b>	106-4099	230-9331	5219-31	X0329-K	X0361
	110015	343084	5219-33	X0352	X0361-K
	1134-5674-01	5219-100	5219-46	X0352-K	X0538
	13469	5219-21	X0329		

LUPER #	Reference OEM Part Numbers				
<b>3S19003</b>	12899	717-04180	917-04180	X0365	X0375
	5219-52	717-04326	917-04326	X0365-K	X0375-K
	5219-74				

LUPER #	Reference OEM Part Numbers				
<b>3S19004</b>	104-3624	2721110	5219-54	X0138	X0345-K
	109-7035	423285	7-06289	X0138-K	X0366
	116-5059	5219-122	7-06291	X0344	X0366-K
	13554	5219-13	71410014	X0344-K	X0743
	255-339	5219-16	X0009	X0345	X0751
	255-643	5219-18			

LUPER #	Reference OEM Part Numbers				
<b>3S19005</b>	255-455	33-132	5219-14	7-06290	X0063
	2722016				

LUPER #	Reference OEM Part Numbers				
<b>3S19006</b>	5219-106				

LUPER #	Reference OEM Part Numbers				
<b>3S19007</b>	00480600	5219-147	717-04552	917-05192	X0338-K
	112-0913	5219-158	717-04552A	917-05209	X0339
	112-6044	5219-159	717-05000	917-1774	X0339-K
	119-8941	5219-164	717-05122A	917-1774B	X0341
	119-9057	5219-170	717-05123	917-1774C	X0341-K
	12424	5219-171	717-05123A	X0008	X0377
	12621	5219-177	717-1774	X0065	X0377-K

	127-3410	5219-25	717-1774B	X0065-K	X0390
	14229	5219-51	717-1774C	X0108	X0390-K
	230-4086	5219-64	917-04174	X0127	X0502
	230-4087	5219-77	917-04174A	X0127-K	X0545
	255-289	5219-79	917-04552	X0140	X0557
	255-297	5219-98	917-04552A	X0140-K	X0585
	255-839	601784	917-05000	X0142	X0718
	33-104	601784K	917-05001	X0142-K	X0722
	33-134	604713K	917-05122A	X0331	X0726
	5219-107	7-06298	917-05123	X0337	X0732
	5219-135	717-04174	917-05123A	X0337-K	X0736
	5219-136	717-04174A	917-05188	X0338	X0741
	5219-137				

LUPER #	Reference OEM Part Numbers				
<b>3S19008</b>	105804	5219-23	7-06276	X0334	X0358
	105854	5219-24	784835	X0334-K	X0358-K
	107-1733	5219-35	784835K	X0335	X0373
	108-9511	5219-37	890-134C	X0335-K	X0373-K
	117-1252	5219-39	917-04895	X0348	X0398
	12035	5219-42	917-04895A	X0348-K	X0398-K
	132732	5219-57	AM138729	X0349	X0412
	388750	5219-69	AM141978	X0349-K	X0446
	50040824	539105804	TCA15092	X0355	X0481
	5219-116	539109245	TCA15488	X0355-K	X0546
	5219-124	539132732	X0111	X0356	X0721
	5219-126	7-06210	X0111-K	X0356-K	

LUPER #	Reference OEM Part Numbers				
<b>3S19009</b>	114595	5219-15	63246	X0122	X0350
	120786	5219-22	7-06211	X0122-K	X0350-K
	16026	5219-28	7063246	X0343	X0395
	16138	5219-80	7063246YP	X0343-K	X0395-K
	50055658	539114595	AM138730	X0347	X0533
	5219-102	539120786	E-6317	X0347-K	

LUPER #	Reference OEM Part Numbers				
<b>3S19010</b>	255-835	5219-1	AM126100	X0327-K	X0333
	287301	5219-108	X0101	X0332	X0378
	3813	5219-11	X0327	X0332-K	X0378-K
	505287301	5219-8			

LUPER #	Reference OEM Part Numbers				
<b>3S19011</b>	388764	5219-10	7-06287	X0328	X0328-K
	388765	606239			



LUPER #	Reference OEM Part Numbers				
<b>3S19012</b>	230-9337	5219-73	GY20878Repair Kit	X0374	X0424-K
	5219-114	GY20108	GY21339	X0374-K	X0425
	5219-20	GY20652	GY21340	X0424	X0425-K
	5219-72	GY20878			

LUPER #	Reference OEM Part Numbers				
<b>319013</b>	00385500	5219-162	601325	X0107-K	X0389
	02975300	5219-55	601325K	X0133	X0389-K
	03368000	5219-90	603545	X0133-K	X0541
	03370600	5219-91	603545K	X0367	X0561
	04678400	5219-97	X0107	X0367-K	X0733
	070-2050-00				

LUPER #	Reference OEM Part Numbers				
<b>319014</b>	5219-68	5219-71	TCA16667	X0372	X0372-K

LUPER #	Reference OEM Part Numbers				
<b>319015</b>	00605200	5219-76	TCA14535	X0376	X0380-K
	00867200	5219-82	X0353	X0376-K	X0382
	4144116	5219-86	X0353-K	X0380	X0382-K
	5219-32				

LUPER #	Reference OEM Part Numbers				
<b>3S19016</b>	050520	5219-99	717-04622	917-04622	X0391
	255-295	717-04183	917-04183	GT1A-MT09	X0391-K

LUPER #	Reference OEM Part Numbers				
<b>319017</b>	5219-62	AM134397	AM137323	X0383	X0384
	5219-87	AM136787	AM141536	X0383-K	X0384-K
	5219-88				

LUPER #	Reference OEM Part Numbers				
<b>319019</b>	5219-83	AM136115	X0381	X0381-K	

LUPER #	Reference OEM Part Numbers				
<b>319020</b>	02999900	5219-93	TCA16665	X0386	X0478
	5219-131	TCA15119	X0371	X0386-K	X0478-K
	5219-65	TCA16538	X0371-K		

LUPER #	Reference OEM Part Numbers				
<b>3S19021</b>	255-151	5219-44	TCA15489	X0340	X0360
	353202	5219-84	TCA19812	X0340-K	X0360-K
	5219-141				

<b>LUPER #</b>	<b>Reference OEM Part Numbers</b>			
<b>3S19023</b>	5219-38	X0357	X0357-K	

<b>LUPER #</b>	<b>Reference OEM Part Numbers</b>			
<b>319024</b>	5219-161			

<b>LUPER #</b>	<b>Reference OEM Part Numbers</b>			
<b>3S19025</b>	5219-49	X0364	X0364-K	

<b>LUPER #</b>	<b>Reference OEM Part Numbers</b>			
<b>319026</b>	108-9512	5219-56	X0368	X0368-K

<b>LUPER #</b>	<b>Reference OEM Part Numbers</b>			
<b>319027</b>	4410	5219-40	X0476	X0476-K

<b>LUPER #</b>	<b>Reference OEM Part Numbers</b>			
<b>3S19028</b>	453330	5219-151	X0542	

<b>LUPER #</b>	<b>Reference OEM Part Numbers</b>				
<b>319029</b>	5101529	5101529SM	5219-104	X0330	X0330-K
	5101529S	5101529YP			