

TRANS&DRIVE

Complete Systems & Parts
Automatic Oiler & Grease Bank



MADE IN THE USA



CHAIN & DRIVES
COMPLETE POWER
TRANSMISSION

contents

Lube Minder® Automatic Oiler



Why Lube Minder®?	4
Lube Minder Parts and Pictures.....	6-7
Understanding the System.....	8-9



Grease Minder Bank System



Why Grease Minder?.....	5
Low Pressure Grease System.....	10
High Pressure Grease System.....	11



lube minder®

The Lube Minder® automatic oiler is engineered to lubricate chains and sprockets without ever having to leave the comforts of the equipment's cab again. The fully adjustable pump requires no electricity and can automatically oil up to 10 chains and sprockets. Systems are model specific and sold complete and ready to install.

why it works

Proper lubrication of chains and sprockets is highly recommended by roller chain manufacturers and is critical for increasing the life of your machines components. The Lube Minder® automatic oiling system ensures that your chains are properly oiled while they are warm and running. This allows lubrication to penetrate into the pin and brush joints which results in maximum performance and extended equipment life.



how it works

The Lube Minder® pump cycles by tying into any double-acting hydraulic cylinder on your equipment. As the hydraulic fluid becomes pressurized the piston inside the pump moves up and dispenses the desired amount of oil to the chains and sprockets on the equipment.

features:

- Fully adjustable pump allows for modification of dispensing rate & ensures that chains and sprockets are properly oiled regardless of the climate & condition.
- Specially designed brushes clean chains & sprockets while applying the proper oil amount to the entire chain and sprocket.
- Lubricating while parts are warm & running allows oil to penetrate pin & brush joints

benefits:

- Increase fuel economy - machines operate smoother and longer with the proper lubrication
- Less down time - no need to stop & manually oil ever again
- Increases chain & sprocket life by up to 300%
- Made in the U.S.A



grease minder®



The Grease Minder® bank system is designed to maximize convenience by creating a central location for all zerk points. No need to spend anymore time crawling around your equipment. Install a Grease Minder system and save 30 minutes on daily labor. The Grease Minder comes complete and ready to install. Call for information on customizing a system to meet your specific needs

why it works

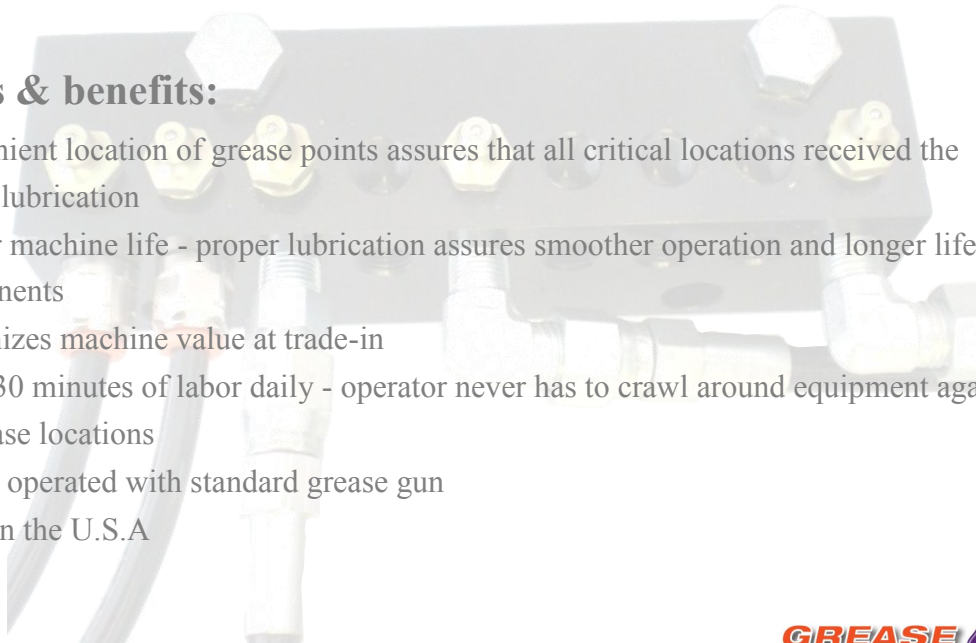
The difficulty to locate and grease zerk points has created a major inconvenience in todays agriculture industry. Many people do not have the time to manually grease all zerks which can causes machinery to become less efficient and eventually break down. The Grease Minder allows for fast and easy access to all zerk points

how it works

The Grease Minder system routes all lines to a convenient centralized location which assures that all critical ware points obtain the proper greasing in a timely fashion. All of our systems are engineered to be compatible with standard grease guns

features & benefits:

- Convenient location of grease points assures that all critical locations received the proper lubrication
- Longer machine life - proper lubrication assures smoother operation and longer life of machine components
- Maximizes machine value at trade-in
- Saves 30 minutes of labor daily - operator never has to crawl around equipment again to reach all grease locations
- Can be operated with standard grease gun
- Made in the U.S.A



Lube Minder® Spare Parts

Sorted by Part			Sorted by Description	
Pict #	Part Numbers	Description	Pict #	Description
1	1019	Screen	34	2 Quart Reservoir Tank
2	012-2F2F-BT	Ball Valve - 1/8 NPT Female to Female	45	6 quart Reservoir
3	164PL-5/32	Union Tee 5/32 - used to add a line	2	Ball Valve - 1/8 NPT Female to Female
4	170-0000	Oiler Pump - No check valve and No Plugs	17	Bracket - 90 Deg Long
5	170-0000-10	Oiler Pump with 10 ports	30	Bracket - 3 slot brush 90 deg.
6	170-0000-2	Oiler Pump with 2 Outlets	21	Bracket - Auger Drive Chain
7	170-0000-3	Oiler Pump with 3 Outlets	20	Bracket - Clean Grain Elevator
8	170-0000-4	Oiler Pump with 4 Outlets	18	Bracket - Flat Long
9	170-0000-5	Oiler Pump with 5 Outlets	31	Bracket - Oiler Pump Mounting
10	170-0000-6	Oiler Pump with 6 Outlets	22	Bracket - Shield Pick-up Drive
11	170-0000-7	Oiler Pump with 7 Outlets	19	Bracket - Short 90 Deg
12	170-0000-8	Oiler Pump with 8 Outlets	16	Bracket - Short Angled
13	170-1014	Orifice, Medium Flow, Silver	28	Bracket-Two Slot 90 deg
14	170-1015	Orifice, Low Flow, Black	29	Bracket-Two Slot Flat
15	170-1018	Repair Kit - Seal, Piston, and O-Rings	24	Brush Assembly - Replacement Brush
16	170-2017	Bracket - Short Angled	23	Cap for two Quart Reservoir
17	170-2018	Bracket - 90 Deg Long	26	Check Valve 5/32" in line
18	170-2018-F	Bracket - Flat Long	25	Check Valve Manifold Assembly
19	170-2018-S	Bracket - Short 90 Deg	27	Counter Top Display
20	170-2023	Bracket - Clean Grain Elevator	44	Drill Bit 7/32"
21	170-2024	Bracket - Auger Drive Chain	36	Ferrule Kits 5/32" - (4 pieces)
22	170-2025	Bracket - Shield Pick-up Drive	33	Hex Nipple - 1/8 NPT Male to Male
23	170-2553	Cap for two Quart Reservoir	4	Oiler Pump - No check valve and No Plugs
24	170-4514	Brush Assembly - Replacement Brush	5	Oiler Pump with 10 ports
25	170-4515	Check Valve Manifold Assembly	6	Oiler Pump with 2 Outlets
26	170-4516	Check Valve 5/32" in line	7	Oiler Pump with 3 Outlets
27	170-7515	Counter Top Display	8	Oiler Pump with 4 Outlets
28	2012	Bracket-Two Slot 90 deg	9	Oiler Pump with 5 Outlets
29	2012-F	Bracket-Two Slot Flat	10	Oiler Pump with 6 Outlets
30	2013	Bracket - 3 slot brush 90 deg.	11	Oiler Pump with 7 Outlets
31	2016	Bracket - Oiler Pump Mounting	12	Oiler Pump with 8 Outlets
32	2107001U	Plug 1/8" with O-ring	14	Orifice, Low Flow, Black
33	216P-2	Hex Nipple - 1/8 NPT Male to Male	13	Orifice, Medium Flow, Silver
34	2550	2 Quart Reservoir Tank	32	Plug 1/8" with O-ring
35	3520	SS Ball	40	Plug 5/32" - Plastic
36	576894-4	Ferrule Kits 5/32" - (4 pieces)	47	Quick Disconnect, Valved for 5/32 Tubing, Female
37	576895-4	Sleeve Nut (4 pieces)	48	Quick Disconnect, Valved for 5/32 Tubing, Male
38	6002	Street Elbow 1/8" NPT	15	Repair Kit - Seal, Piston, and O-Rings
39	62PL-5/32	Union 5/32 - used to splice line	41	Restrictor Fitting
40	639PL-5/32	Plug 5/32" - Plastic	1	Screen
41	6809-4-4NWO-RS	Restrictor Fitting	37	Sleeve Nut (4 pieces)
42	7010	Tubing Polybraid 5/8" per foot	43	Split Loom Convulated Polyethy
43	7840K31	Split Loom Convulated Polyethy	35	SS Ball
44	8572	Drill Bit 7/32"	38	Street Elbow 1/8" NPT
45	FS10628	6 quart Reservoir	42	Tubing Polybraid 5/8" per foot
46	NYL-5/32-C-50	Tubing Nylon 5/32" 50 ft roll	46	Tubing Nylon 5/32" 50 ft roll
47	PMCD 130025	Quick Disconnect, Valved for 5/32 Tubing, Female	39	Union 5/32 - used to splice line
48	PMCD 20025	Quick Disconnect, Valved for 5/32 Tubing, Male	3	Union Tee 5/32 - used to add a line





1. Screen
PN: 1019



2. Ball Valve
PN: 012-2F2F-BT



3. Union Tee for
5/32 tubing
PN: 164PL-5/32



4. 8 Port Pump
PN: 170-0000



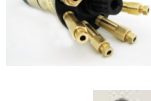
5. 10 Port Pump
PN: 170-0000-10



6. 8 Output Pump
PN: 170-0000-2



Other PN:
170-0000-3 (3 outputs)



To
12. 170-0000-8 (8 outputs)



13. Orifice: Medium, Silver
PN: 170-1014



14. Orifice: Low, Black
PN: 170-1015



15. Rebuild kit
PN: 170-1018



16. Bracket
PN: 170-2017
2.66" x 0.94"



17. Bracket
PN: 170-2018
3.87" x 2.0"



18. Bracket
PN: 170-2018-F
5.87" Long



19. Bracket
PN: 170-2018-S
2.125" x 2.0"



20. Bracket
PN: 170-2023
5.25" x 1.25"



21. Bracket
PN: 170-2024



22. Bracket: 11" x 2.75"
PN: 170-2025



23. Cap: 2 qt Reservoir
PN: 170-2553



24. Brush Assembly
PN: 170-4514



25. Manifold showing:
Ferrule and sleeve nut
PN: 170-4515



26. Check Valve
PN: 170-4516



27. Lube Minder
Counter Display
PN: 170-7515



28. Bracket:
PN: 2012
2.83" x 4"



29. Bracket
PN: 2012-F
6.83"



30. Bracket
PN: 2013
5" x 2.75"



31. Bracket for Pump
PN: 2016



32. Plug for top of pump
PN: 2107001U



33. Hex Nipple
PN: 216P-2



34. 2 Quart Reservoir
PN: 2550



35. SS Ball
PN: 3520



36. Ferrules (4 pk)
PN: 576894-4



37. Sleeve Nuts (4 pk)
PN: 576895-4



38. Street Elbow
PN: 6002



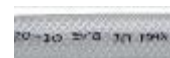
39. Union for 5/32" Tubing
PN: 62PL-5/32



40. Plug for 5/32" Tubing
PN: 639PL-5/32



41. Elbow with Restrictor
PN: 6809-4-4NWO-RS



42. 5/8" Polybraid Tubing
PN: 7010



43. Convoluted Tubing
PN: 7840K31

44. Drill Bit
PN: 8572



45. 6 quart Reservoir
PN: FS10628



46. 5/32" Nylon tubing
50 Foot Roll
PN: NYL-5/32-C-50

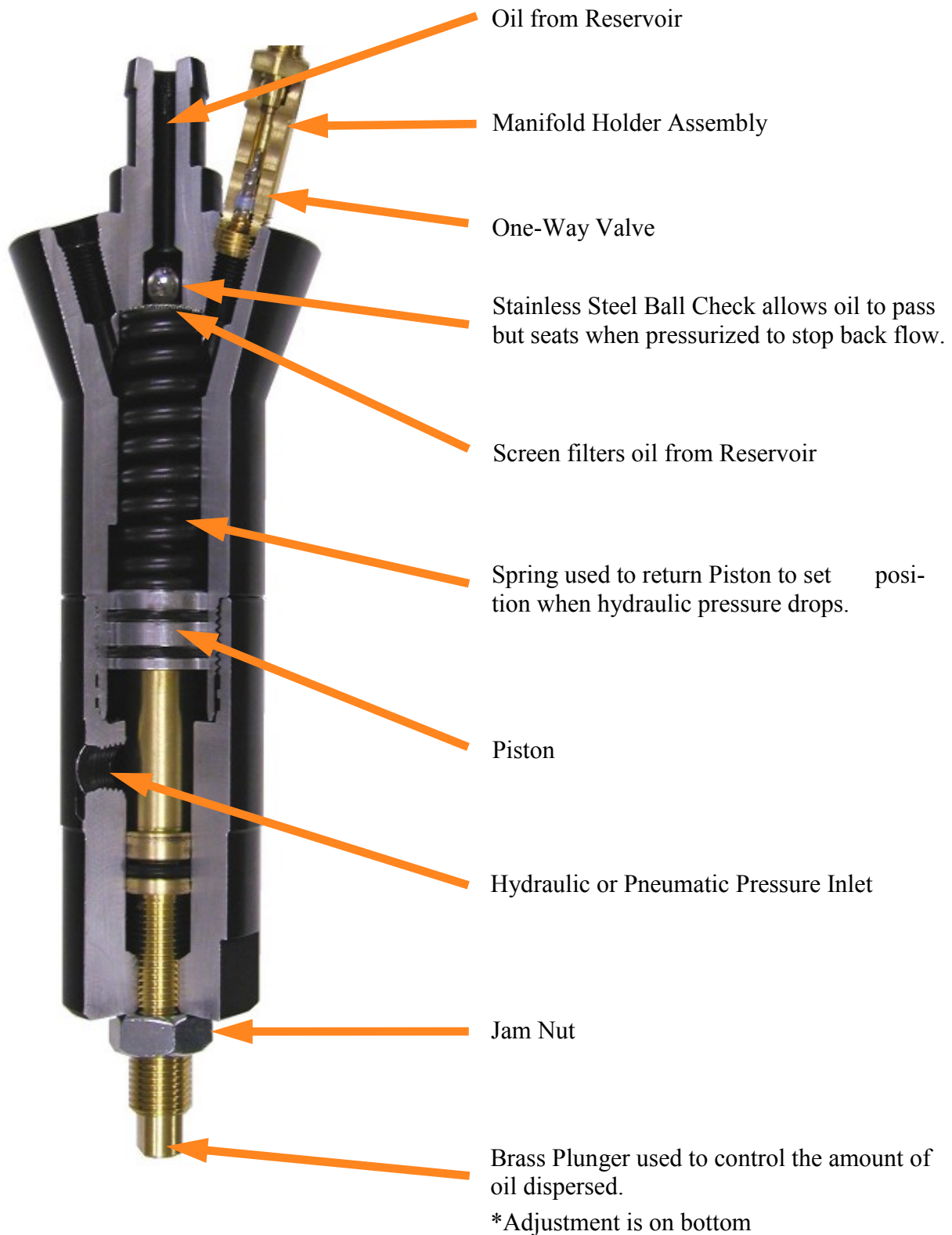


Quick Disconnects:

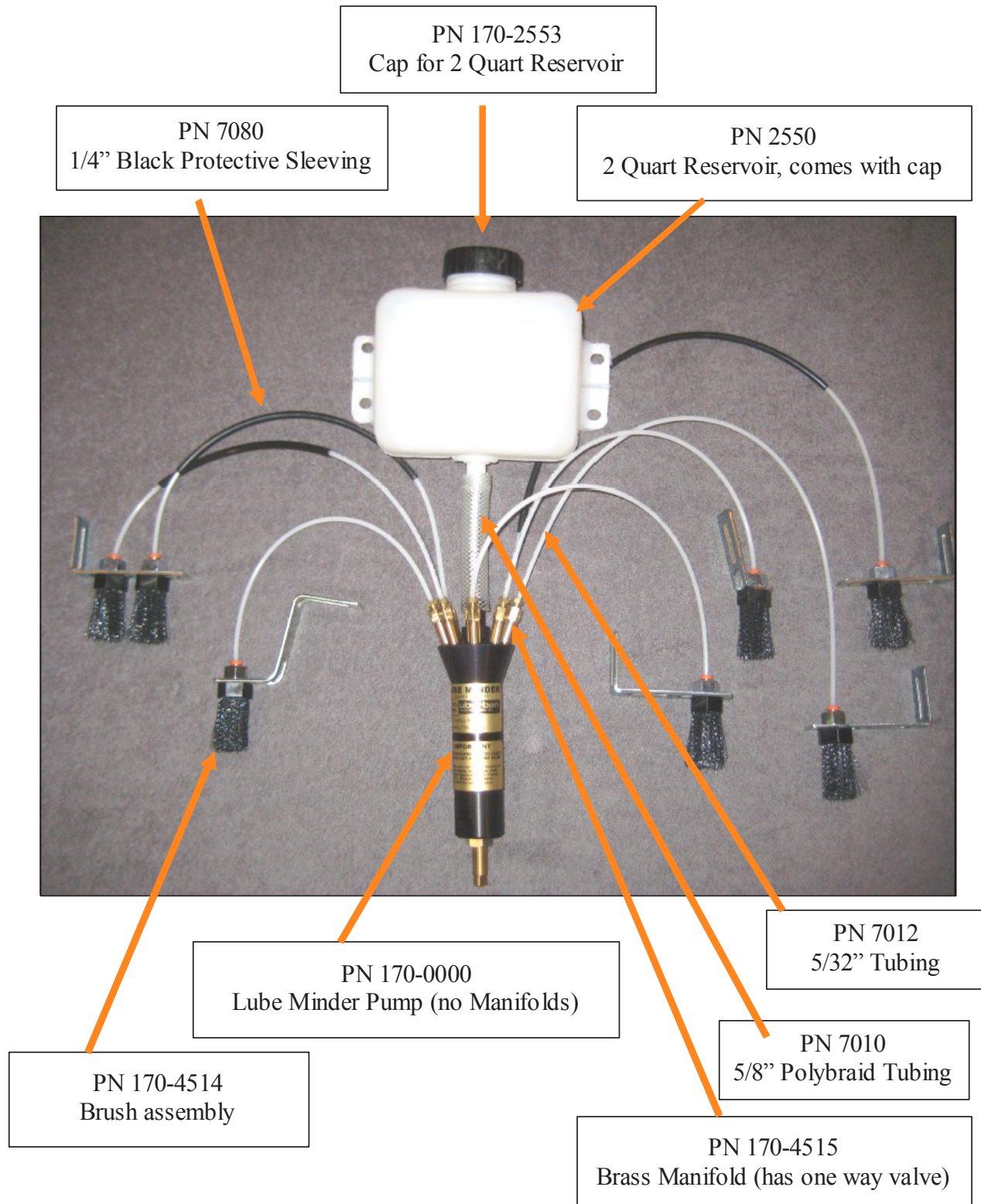


47. PN: PMCD 130025, Female
48. PN: PMCD 20025, Male

Understanding the Pump



Basic Parts of the Lube Minder® System



Low Pressure Grease Systems

Low pressure grease systems are rated for 650 psi and must be operated with piston-type grease guns. If you are operated at a higher pressure, build with high pressure grease fittings.

Manifold & Manifold Fittings

#	Part	Description
1	21999-0419	Block—Grease Bank Manifold (13 Ports)
2	36-110	Grease Zerk Fitting—1/8"-27 NPT
4	68PL-4-2	Quick Connect Straight Fitting — 1/4" X 1/8" NPT w/ O-Ring

Bearing/Bushing Fittings

5	21999-0413	Quick Connect Straight Fitting — 1/4"-28 Male Taper to 1/4" Tube
6	2U07003 2U04003	1/4" Tube Quick Connect 1/4" 90° Tube Union Quick Connect
7	244054	90 ° Fitting Quick Connect — 1/4"-28 Taper Male to 1/4 Tube
8	20-068N	90 ° Fitting Quick Connect—1/4" Tube X 1/8 Male Taper Pipe
9	68PL-4-2-TP	Quick Connect Straight Fitting—1/4 Tube X 1/8 Male Taper Pipe

Grease Line (Increments of 25ft)

3	21999-0433	Low Pressure Tubing
3	21999-0433-GF	Low Pressure Tubing—Grease Filled



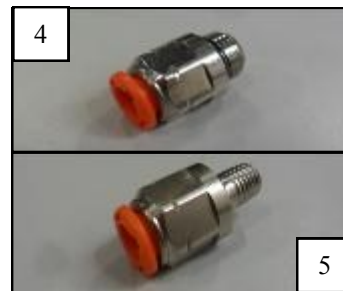
1



2



3



5



6



7



8



9

High Pressure Grease Systems

High pressure grease systems are rated for 3480 psi and may be operated with various grease guns.

Manifold & Manifold Fittings

#	Part	Description
1	21999-0419	Block—Grease Bank Manifold (13 Ports)
2	36-110	Grease Fitting—1/8" -27 NPT
4	2404-4-2	Adaptor—Straight #4 Male JIC X 1/8" Male NPT
5	2503-4-2	Adaptor—45° #4 Male JIC X 1/8" Male NPT
6	2501-4-2	Adaptor—90° #4 Male JIC X 1/8" Male NPT

Hose Crimps

7	113CY-2-2	1/8" NPT Male Swivel—1/8" Hose Ends (Crimp)
8	106CY-4-2	#4 JIC Female Swivel—1/8" Hose Ends (Crimp)

Bearing/Bushing Fittings

9	21999-0682	Adaptor—Straight #4 Male JIC X 1/4" -28 Male NPT
10	21999-0684	Adaptor—45° #4 Male JIC X 1/4" -28 Male NPT
11	21999-0683	Adaptor—90° #4 Male JIC X 1/4" -28 Male NPT

Grease Line (Increments of 25ft)

12	100R7	High Pressure Tubing
13	21999-0686	High Pressure Tubing—Grease Filled



TRANSDRIVE



CHAIN & DRIVES
COMPLETE POWER TRANSMISSION