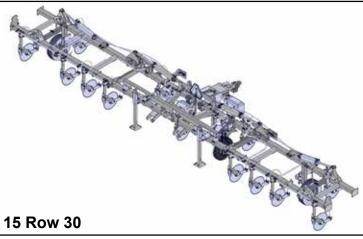
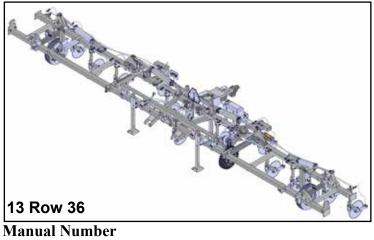
RIINNFR 3 • LANDRIINNFR 3 • LAND 3 • LANDRUNNER 3 • LANDRUNNER 3 LANDRUNNER 3 • LANDRUNNER 3 • LAI Runner 3 • LandRunner 3 • LandRu 3 • LANDRUNNER 3 • LANDRUNNER 3 LANDRUNNER 3 • LANDRUNNER 3 • LA RUNNER 3 • LANDRUNNER 3 • LANDRU 3 • LANDRUNNER 3 • LANDRUNNER 3 LANDRUNNER 3 • LANDRUNNER 3 • LAI RUNNER 3 • LANDRUNNER 3 • LANDRU 3 • LANDRUNNER 3 • LANDRUNNER 3 LANDRUNNER 3 • LANDRUNNER 3 • LAI Runner 3 • LandRunner 3 • LandRu 3 • LANDRUNNER 3 • LANDRUNNER 3 LANDRUNNER 3 • LANDRUNNER 3 • LA RUNNER 3 • LANDRUNNER 3 • LANDRU 3 • LANDRUNNER 3 • LANDRUNNER 3 LANDRUNNER 3 • LANDRUNNER 3 • LAI Runner 3 • LandRunner 3 • LandRu 3 • LANDRUNNER 3 • LANDRUNNER 3 LANDRUNNER 3 • LANDRUNNER 3 • LAI RUNNER 3 • LANDRUNNER 3 • LANDRU 3 • LANDRUNNER 3 • LANDRUNNER 3 LandRunner 3 • LandRunner 3 • La Runner 3 • LandRunner 3 • LandRu 3 • LANDRUNNER 3 • LANDRUNNER 3 LANDRUNNER 3 • LANDRUNNER 3 • LAI RUNNER 3 • LANDRUNNER 3 • LANDRU 3 • LANDRUNNER 3 • LANDRUNNER 3 LANDRUNNER 3 • LANDRUNNER 3 • LAI Runner 3 • LandRunner 3 • LandRu 3 • LANDRUNNER 3 • LANDRUNNER 3 LANDRUNNER 3 • LANDRUNNER 3 • LAI Runner 3 • LandRunner 3 • LandRu







Manual Numbe 0270127 Rev. 06-14-16

\$20.00 Net.



High Pressure Coulter Injection System Nozzle Calibration Work Sheet	BLU-JET	LandRunner 3 37' Frame, LFTable of ContentsManual Number: 027 06-14-16
Now 30 To The Owner	R 3, LF	
ROW 36 Warranty	ROW 30	
Safety Safety Pump Setting Pump Setting 30 Inch Spacing Rate Chart	ROW 36	No The Owner
Pump Setting. 30 Inch Spacing Rate Chart. 36 Inch Spacing Rate Chart. Row Spacings. Parts 37 LandRunner 3 with Manual Gauge Wheels (27231530). 37 LandRunner 3 with Manual Gauge Wheels (27231336). 37 LandRunner 3 with Pin Adjust Gauge Wheels (27231336). 37 LandRunner 3 with Pin Adjust Gauge Wheels (27231336). 37 LandRunner 3 with Pin Adjust Gauge Wheels (27231336). Frame 37 8 7" and 2'S Wings 180 Degree Fold (27210914). Park Stand (AAM2442). Manual Gauge Mheel (27211016). Handan Samba Sati Hub 1 344" x14" (AAM2705). Hertial Pin Adjust Gange Wheel, Angled (27211017). Hub and Spindle Assembly 511 Hub 1 344" x14" (AAM2707). 37 Hydraulics 180 Degree Fold (27210924). Flatback Coulter Mounting 4" x 6" (AAM3786). Coulter Sections Body 511 Hub 1 344" x14" (AAM4886). Ground Drive Base Unit Assembly (70210012). John Blue Single Piston Pump NGP 9055 (CP2568). John Blue Double Piston Pump NGP 9055 (CP2569). Manifold Assembly 13 Row 36 (27211023). JetStream Coulter Knife Assembly (AAM3356). Marifold Assembly 13 Row 36 (27211023). JetStream Coulter Knife Assembly (AAM3356). Manifold Assembly 13 Row 36 (27211023).		Safety
High Pressure Coulter Injection System Nozzle Calibration Work Sheet		Operating Instructions
30 Thich Spacing Rate Chart		Pump Setting
37' LandRunner 3 with Pin Adjust Gauge Wheels (27231530)		High Pressure Coulter Injection System Nozzle Calibration Work Sneet
Barts 37'LandRunner 3 with Pin Adjust Gauge Wheels (27231530)		36 Inch Spacing Rate Chart
Barts 37'LandRunner 3 with Pin Adjust Gauge Wheels (27231530)		Row Spacings.
37' LandRunner 3 with Pin Adjust Gauge Wheels (27231536)		Parts
Center Section Bolt-on Brace (AAM/2695). Manual Gauge Wheel (27211016). Hub and Spindle Assembly, 611 Hub, 1-3/4" x 14" (AAM/2705). Vertical Pin Adjust Gauge Wheel, Angled (27211017). Hub and Spindle Assembly, 511 Hub, 1-3/4" x 13" (AAM/2707). 37' Hydraulics 180 Degree Fold (27210924). Flatback Coulter Mounting 4" & 6" (AAM/4798). Coulter, Super 1200 Flex and Shank Parts. Auto-Lok Nurse Tank Hitch (27210958). Murse Tank Hitch, Auto-Lok 4" x 6" Clamp Mounting (AAM/4886). Ground Drive Parp Kit 50T Sprocket (27211014). Ground Drive Base Unit Assembly (70210012). John Blue Single Piston Pump NGP 7055 (CP2568). John Blue Bouble Piston Pump NGP 7055 (CP2568). John Blue Bouble Fiston Pump NGP 7055 (CP2569). Manifold Assembly 13 Row 30 (27211020). Manifold Assembly 13 Row 30 (27211020). Manifold Assembly 13 Row 30 (27211020). Manifold Assembly 16 Ka/4/3353). JetStream Liquid Assembly (AAM/3356). Manual Holder With 6" x 4" Mounting (AAM/2839). Safety Tank, Toolbox (AAM/2425). Light Kit (41000036). CAT. III Pill Pin Kit (88210201). Assembly Main Frame. Wing Stops and Rocker Plates. Nurse Tank Hitch. Cylinder Lug Bracket and Cylinders. Cylinder Liquid Injection. Manifold Liquid Injections. Light Kit. Decals. Charging Cylinders. Storage. Charging Cylinders. Storage. Coulter Mounting. Coulter Mounting. Coulter Mounting. Coulter Mounting. Coulter Mounting. Coulter Mounting. Coulter Mounting. Coulter Mounting. Coulter Mounting. Coulter		37' LandRunner 3 with Manual Gauge Wheels (27231530)
Center Section Bolt-on Brace (AAM/2695). Manual Gauge Wheel (27211016). Hub and Spindle Assembly, 611 Hub, 1-3/4" x 14" (AAM/2705). Vertical Pin Adjust Gauge Wheel, Angled (27211017). Hub and Spindle Assembly, 711 Hub, 1-3/4" x 13" (AAM/2707). 37' Hydraulics 180 Degree Fold (27210924). Flatback Coulter Mounting 4" & 6" (AAM/4798). Coulter, Super 1200 Flex and Shank Parts. Auto-Lok Nurse Tank Hitch (27210958). Murse Tank Hitch, Auto-Lok 4" x 6" (Camp Mounting (AAM/4866). Ground Drive Parp Kit 50T Sprocket (27211014). Ground Drive Biston Pump NGP 7055 (CP2568). John Blue Single Piston Pump NGP 7055 (CP2568). Manifold Assembly 15 Row 30 (27211020). Manifold Assembly 17 Row 30 (27211020). Manifold Assembly 18 Row 30 (27211020). Main Frame. Wing Stops and Rocker Plates. Nurse Tank Hitch. Cylinder Lug Bracket and Cylinders. Cylinder Lug Bracket Bauge Wheels. Manual Holder. Safety Tank. Vertical Adjust Gauge Wheels. Manual Holder. Storage. Coulter Mounting. Light Kit. Decals. Charging Cy		37' LandRunner 3 with Manual Gauge Wheels (27231330)
Center Section Bolt-on Brace (AAM/2695). Manual Gauge Wheel (27211016). Hub and Spindle Assembly, 611 Hub, 1-3/4" x 14" (AAM/2705). Vertical Pin Adjust Gauge Wheel, Angled (27211017). Hub and Spindle Assembly, 711 Hub, 1-3/4" x 13" (AAM/2707). 37' Hydraulics 180 Degree Fold (27210924). Flatback Coulter Mounting 4" & 6" (AAM/4798). Coulter, Super 1200 Flex and Shank Parts. Auto-Lok Nurse Tank Hitch (27210958). Nurse Tank Hich, Auto-Lok 4" x 6" (Campe Mounting (AAM/4866). Ground Drive Pamp Kit 50T Sprocket (27211014). Ground Drive Biston Pump NGP 7055 (CP2568). John Blue Single Piston Pump NGP 7055 (CP2568). Manifold Assembly 13 Row 30 (27211020). Manifold Assembly 13 Row 30 (27211020). Manifold Assembly 13 Row 30 (27211020). Manifold Assembly 14 Row 30 (27211020). Manifold Assembly 15 Row 30 (27211020). Manifold Assembly 18 Row 30 (27211020). Main Frame. Wing Stops and Rocker Plates. Nurse Tank Hitch Cylinder Lug Bracket and Cylinders. Cylinder Licquid Injections. Light Kit. Decals. Charging Cylinders. Storage. Torque Specifications. Storage. Torque Specifications.		37' LandRunner 3 with Pin Adjust Gauge Wheels (27231336)
Center Section Bolt-on Brace (AAM/2695). Manual Gauge Wheel (27211016). Hub and Spindle Assembly, 611 Hub, 1-3/4" x 14" (AAM/2705). Vertical Pin Adjust Gauge Wheel, Angled (27211017). Hub and Spindle Assembly, 711 Hub, 1-3/4" x 13" (AAM/2707). 37' Hydraulics 180 Degree Fold (27210924). Flatback Coulter Mounting 4" & 6" (AAM/4798). Coulter, Super 1200 Flex and Shank Parts. Auto-Lok Nurse Tank Hitch (27210958). Murse Tank Hitch, Auto-Lok 4" x 6" Clamp Mounting (AAM/4866). Ground Drive Pump Kit 50T Sprocket (27211014). Ground Drive Biston Pump NGP 7055 (CP2568). John Blue Single Piston Pump NGP 7055 (CP2568). Manifold Assembly 13 Row 30 (27211020). Manifold Assembly 13 Row 30 (27211020). Manifold Assembly 13 Row 30 (27211020). Manifold Assembly 14 Row 30 (27211020). Manifold Assembly 15 Row 30 (27211020). Manifold Assembly 18 Row 30 (27211020). Main Frame. Wing Stops and Rocker Plates. Nurse Tank Hitch. Cylinder Lug Bracket and Cylinders. Cylinder Lug Bracket Bauge Wheels. Manual Holder. Safety Tank. Vertical Adjust Gauge Wheels. Manual Holder. Super 1200 Flex Coulter. Flatback Mounting. Coulter Mountin		Frame 37' 8'7" and 2'8" Wings 180 Degree Fold (27210914)
Manual Gauge Wheel (27211016). Hub and Spindle Assembly, 611 Hub, 1-3/4" x 14" (AAM2705). Hub and Spindle Assembly, 511 Hub, 1-3/4" x 13" (AAM2707). 37' Hydraulics 180 Degree Fold (27210924). Flatback Coulter Mounting 4" x 6" (AAM4798). Coulter, Super 1200 Flex and Shank Parts. Auto-Lok Nurse Tank Hitch (27210958). Nurse Tank Hitch, Auto-Lok 4" x 6" Clamp Mounting (AAM4886). Ground Drive Pump Kit 50T Sprocket (27211014). Ground Drive Base Unit Assembly (70210012). John Blue Single Piston Pump NGP 7055 (CP2568). John Blue Double Piston Pump NGP 7055 (CP2569). Manifold Assembly 13 Row 36 (27211020). JetStream Liquid Assembly (AAM3353). JetStream Liquid Assembly (AAM3356). Manual Holder With 6" x 4" Mounting (AAM2639). Safety Tank, Toolbox (AAM2425). Light Kit (4100036). CAT. III Pul Pin Kit (88210201). Assembly Assembly Main Frame. Wing Stops and Rocker Plates. Marual Holder. Safety Tank. Cylinder Fittings and Hoses. Center Section Brace. Parking Stands. Manual Holder. Safety Tank.		Park Stand (AAM2442)
Sringulation of the second		Center Section Bolt-on Brace (AAM2695)
Signatures Signatures Flatback Coulter Mounting 4" x 6" (AAM4798)		Hub and Spindle Assembly 611 Hub 1-3//" x 1/" (AAM2705)
Sringulation of the second		Vertical Pin Adjust Gauge Wheel, Angled (27211017)
Signatures Signatures Flatback Coulter Mounting 4" x 6" (AAM4798)		Hub and Spindle Assembly, 511 Hub, 1-3/4" x 13" (AAM2707)
Auto-Lok Nurse Tank Hitch (27210958)		37' Hydraulics 180 Degree Fold (27210924)
Auto-Lok Nurse Tank Hitch (27210958). Nurse Tank Hitch, Auto-Lok 4" x 6" Clamp Mounting (AAM4886). Ground Drive Base Unit Assembly (70210012). John Blue Single Piston Pump NGP 9055 (CP2568). John Blue Double Piston Pump NGP 9055 (CP2569). Manifold Assembly 15 Row 30 (27211023). Manifold Assembly 15 Row 30 (27211023). JetStream Liquid Assembly (AAM3353). JetStream Coulter Knife Assembly (AAM3356). Manifold Assembly 13 Row 30 (27211023). JetStream Coulter Knife Assembly (AAM3356). Manifold Assembly 13 Row 30 (27211023). JetStream Coulter Knife Assembly (AAM3356). Manifold Assembly 13 Row 30 (27211023). JetStream Coulter Knife Assembly (AAM3356). Manifold Assembly 13 Row 30 (27211023). JetStream Coulter Knife Assembly (AAM3356). Kit (41000036). CAT. III Pull Pin Kit (88210201). Assembly Manif Frame. Wing Stops and Rocker Plates. Nurse Tank Hitch. Cylinder Lug Bracket and Cylinders. Cylinder Fittings and Hoses. Center Section Brace. Parking Stands. Manual Adjust Gauge Wheels. Manual Adjust Gauge Wheels. Manual Adjust		Flatback Coulter Mounting 4" x 6" (AAM4798)
Nurse Tank Hitch, Auto-Lok 4" x 6" Clamp Mounting (AAM4886)		oounter, ouper 1200 i lex and onalik i arts
Manual Holder With 6" x 4" Mounting (AAM2639) Safety Tank, Toolbox (AAM2425) Light Kit (41000036) CAT. Ill Pull Pin Kit (88210201) Assembly Main Frame Wings Wing Stops and Rocker Plates Nurse Tank Hitch Cylinder Lug Bracket and Cylinders Cylinder Fittings and Hoses Center Section Brace Parking Stands Manual Holder Safety Tank Vertical Adjust Gauge Wheels Manual Adjust Gauge Wheels Ground Drive Wheel Super 1200 Flex Coulter Flatback Mounting Coulter Mounting Liquid Injection Knife Injection Manifold Liquid Injections Light Kit Decals Charging Cylinders Specifications Storage		Nurse Tank Hitch, Auto-Lok 4" x 6" Clamp Mounting (AAM4886)
Manual Holder With 6" x 4" Mounting (AAM2639) Safety Tank, Toolbox (AAM2425) Light Kit (41000036) CAT. III Pull Pin Kit (88210201) Assembly Main Frame Wings Wing Stops and Rocker Plates Nurse Tank Hitch Cylinder Lug Bracket and Cylinders Cylinder Fittings and Hoses Center Section Brace Parking Stands Manual Holder Safety Tank Vertical Adjust Gauge Wheels Manual Adjust Gauge Wheels Ground Drive Wheel Super 1200 Flex Coulter Flatback Mounting Coulter Mounting Liquid Injection Knife Injection Manifold Liquid Injections Light Kit Decals Charging Cylinders Specifications Storage Torque Specifications		Ground Drive Pump Kit 50T Sprocket (27211014)
Manual Holder With 6" x 4" Mounting (AAM2639) Safety Tank, Toolbox (AAM2425) Light Kit (41000036) CAT. III Pull Pin Kit (88210201) Assembly Main Frame Wings Wing Stops and Rocker Plates Nurse Tank Hitch Cylinder Lug Bracket and Cylinders Cylinder Fittings and Hoses Center Section Brace Parking Stands Manual Holder Safety Tank Vertical Adjust Gauge Wheels Manual Adjust Gauge Wheels Ground Drive Wheel Super 1200 Flex Coulter Flatback Mounting Coulter Mounting Liquid Injection Knife Injection Manifold Liquid Injections Light Kit Decals Charging Cylinders Specifications Storage Torque Specifications		Ground Drive Base Unit Assembly (70210012)
Manual Holder With 6" x 4" Mounting (AAM2639) Safety Tank, Toolbox (AAM2425) Light Kit (41000036) CAT. III Pull Pin Kit (88210201) Assembly Main Frame Wings Wing Stops and Rocker Plates Nurse Tank Hitch Cylinder Lug Bracket and Cylinders Cylinder Fittings and Hoses Center Section Brace Parking Stands Manual Holder Safety Tank Vertical Adjust Gauge Wheels Manual Aloust Gauge Wheels Ground Drive Wheel Super 1200 Flex Coulter Flatback Mounting Coulter Mounting Coulter Mounting Coulter Mounting Liquid Injection Knife Injection Manifold Liquid Injections Light Kit Decals Charging Cylinders Specifications Storage		John Blue Single Piston Pump NGP 7055 (CP2568)
Manual Holder With 6" x 4" Mounting (AAM2639) Safety Tank, Toolbox (AAM2425) Light Kit (41000036) CAT. Ill Pull Pin Kit (88210201) Assembly Main Frame Wings Wing Stops and Rocker Plates Nurse Tank Hitch Cylinder Lug Bracket and Cylinders Cylinder Fittings and Hoses Center Section Brace Parking Stands Manual Holder Safety Tank Vertical Adjust Gauge Wheels Manual Holder Safety Tank Vertical Adjust Gauge Wheels Manual Holder Super 1200 Flex Coulter Flatback Mounting Coulter Mounting Coulter Mounting Liquid Injection Knife Injection Manifold Liquid Injections Light Kit Decals Charging Cylinders Specifications Storage Torque Specifications		Manifold Assembly 15 Row 30 (27211020)
Manual Holder With 6" x 4" Mounting (AAM2639) Safety Tank, Toolbox (AAM2425) Light Kit (41000036) CAT. III Pull Pin Kit (88210201) Assembly Main Frame Wings Wing Stops and Rocker Plates Nurse Tank Hitch Cylinder Lug Bracket and Cylinders Cylinder Fittings and Hoses Center Section Brace Parking Stands Manual Holder Safety Tank Vertical Adjust Gauge Wheels Manual Adjust Gauge Wheels Ground Drive Wheel Super 1200 Flex Coulter Flatback Mounting Coulter Mounting Liquid Injection Knife Injection Manifold Liquid Injections Light Kit Decals Charging Cylinders Specifications Storage Torque Specifications		Manifold Assembly 13 Row 36 (27211023)
Manual Holder With 6" x 4" Mounting (AAM2639) Safety Tank, Toolbox (AAM2425) Light Kit (41000036) CAT. III Pull Pin Kit (88210201) Assembly Main Frame Wings Wing Stops and Rocker Plates Nurse Tank Hitch Cylinder Lug Bracket and Cylinders Cylinder Fittings and Hoses Center Section Brace Parking Stands Manual Holder Safety Tank Vertical Adjust Gauge Wheels Manual Aloust Gauge Wheels Ground Drive Wheel Super 1200 Flex Coulter Flatback Mounting Coulter Mounting Coulter Mounting Coulter Mounting Liquid Injection Knife Injection Manifold Liquid Injections Light Kit Decals Charging Cylinders Specifications Storage		JetStream Liquid Assembly (AAM3353)
Safety Tank, Toolbox (AAM2425)		JetStream Coulter Knife Assembly (AAM3356)
Light Kit (4100036) CAT. III Pull Pin Kit (88210201) Assembly Main Frame Wings. Wing Stops and Rocker Plates Nurse Tank Hitch Cylinder Lug Bracket and Cylinders Cylinder Fittings and Hoses. Center Section Brace. Parking Stands Manual Holder. Safety Tank. Vertical Adjust Gauge Wheels. Manual Adjust Gauge Wheels. Ground Drive Wheel. Ground Drive Wheel. Super 1200 Flex Coulter. Flatback Mounting. Coulter Mounting. Liquid Injection. Knife Injection. Manifold Liquid Injections Light Kit. Decals. Charging Cylinders. Storage. Torque Specifications.		Manual Holder With 6" X 4" Mounting (AAM2639)
CAT. III Pull Pin Kit (88210201) Assembly Main Frame. Wings. Wing Stops and Rocker Plates. Nurse Tank Hitch. Cylinder Lug Bracket and Cylinders. Cylinder Fittings and Hoses. Cylinder Fittings and Hoses. Center Section Brace. Parking Stands. Manual Holder. Safety Tank. Vertical Adjust Gauge Wheels. Manual Adjust Gauge Wheels. Ground Drive Wheel. Ground Drive Wheel. Super 1200 Flex Coulter. Flatback Mounting. Coulter Mounting. Coulter Mounting. Coulter Mounting. Liquid Injection. Knife Injection. Knife Injection. Manifold Liquid Injections. Light Kit. Decals. Charging Cylinders. Specifications. Storage. Torque Specifications.		Salety Talik, Toolbox (AAW2425)
Assembly Main Frame		CAT. III Pull Pin Kit (88210201)
Wings		Assembly
Wing Stops and Rocker Plates		
Nurše Tańk Hitch		Wings Wing Stops and Bocker Plates
Cylinder Lug Bracket and Cylinders Cylinder Fittings and Hoses. Center Section Brace. Parking Stands. Manual Holder. Safety Tank. Vertical Adjust Gauge Wheels. Manual Adjust Gauge Wheels. Ground Drive Wheel. Super 1200 Flex Coulter. Flatback Mounting. Coulter Mounting. Liquid Injection. Knife Injection. Manifold Liquid Injections. Light Kit. Decals. Charging Cylinders. Specifications. Storage. Torgue Specifications.		
Cylinder Fittings and Hoses. Center Section Brace. Parking Stands Manual Holder Safety Tank Vertical Adjust Gauge Wheels Manual Adjust Gauge Wheels Ground Drive Wheel. Super 1200 Flex Coulter Flatback Mounting Coulter Mounting Liquid Injection. Knife Injection. Manifold Liquid Injections. Light Kit Decals. Charging Cylinders. Specifications. Storage Torgue Specifications.		Cvlinder Lug Bracket and Cvlinders
Parking Stands Manual Holder Safety Tank Vertical Adjust Gauge Wheels Manual Adjust Gauge Wheels Ground Drive Wheel Super 1200 Flex Coulter Flatback Mounting Coulter Mounting Liquid Injection Knife Injection Manifold Liquid Injections Light Kit Decals Charging Cylinders Specifications Storage Torgue Specifications.		Cylinder Fittings and Hoses
Manual Holder		
Safety Tank Vertical Adjust Gauge Wheels Manual Adjust Gauge Wheels Ground Drive Wheel Super 1200 Flex Coulter Flatback Mounting Coulter Mounting Coulter Mounting Liquid Injection Knife Injection Manifold Liquid Injections Light Kit. Decals Charging Cylinders Specifications Storage Torgue Specifications.		Parking Stands Manual Holdor
Vertical Adjust Gauge Wheels Manual Adjust Gauge Wheels Ground Drive Wheel Super 1200 Flex Coulter Flatback Mounting Coulter Mounting Liquid Injection Knife Injection Manifold Liquid Injections Light Kit Decals Charging Cylinders Specifications Storage Torgue Specifications.		Safety Tank
Manual Adjust Gauge Wheels. Ground Drive Wheel. Super 1200 Flex Coulter. Flatback Mounting. Coulter Mounting. Liquid Injection. Knife Injection. Manifold Liquid Injections. Light Kit. Decals. Charging Cylinders. Specifications. Storage. Torgue Specifications.		Vertical Adjust Gauge Wheels
Ground Drive Wheel Super 1200 Flex Coulter Flatback Mounting Coulter Mounting Liquid Injection Knife Injection Manifold Liquid Injections Light Kit Decals Charging Cylinders Specifications Storage Torque Specifications.		Manual Adjust Gauge Wheels
Flatback Mounting Coulter Mounting Liquid Injection Knife Injection Manifold Liquid Injections Light Kit Decals Charging Cylinders Specifications Storage Torgue Specifications.		Ground Drive Wheel
Coulter Mounting Liquid Injection Knife Injection Manifold Liquid Injections Light Kit Decals Charging Cylinders Specifications Storage Torgue Specifications.		Super 1200 Flex Coulter
Liquid Injection. Knife Injection. Manifold Liquid Injections. Light Kit. Decals. Charging Cylinders. Specifications. Storage. Torgue Specifications.		Coulter Mounting
Knìfe Injection Manifold Liquid Injections Light Kit. Decals Charging Cylinders Specifications Storage Torque Specifications.		Liquid Injection.
Manifold Liquid Injections Light Kit. Decals Charging Cylinders Specifications Storage Torque Specifications		Knife Injection
Decals Charging Cylinders Specifications Storage Torgue Specifications		Manifold Liquid Injections
Charging Cylinders Specifications Storage Torque Specifications		
Specifications Storage Torque Specifications Hydraulic Cylinder Repair Kits Tie-Rod Cylinder Disassembly - Assembly Procedure		Decais Charaina Cylinders
Storage Torque Specifications		Specifications
Torque Specifications		Storage
Hydraulic Cylinder Repair Kits Tie-Rod Cylinder Disassembly - Assembly Procedure		Torque Specifications
IIE-KOO UYIINDER DISASSEMDIY - ASSEMDIY PROCEOURE		Hydraulic Cylinder Repair Kits
		ile-Koa Cylinder Disassembly - Assembly Procedure

BLU-JET	Introduction			
LR 3, LF	Welcome to Thurston Manufacturing Company. Our goal is to provide quality products and services to our customers. The company's BLU-JET products have a reputation for quality, excellence in design and proven durability. Energetic, resourceful and continuous improvement goals in Environmental, Safety, Quality, Production and Engineering keep our firm at the cutting edge of technology. We hope your BLU-JET equipment will give you years of service.			
	Read this manual carefully. It will instruct you on how to operate and service your machine safely and correctly. Failure to do so could result in personal injury and/or equipment damage.			
►	SAFETY INFORMATION			
	DANGER Indicates an imminently hazardous situation that, if not avoided, will result in death or serious injury. The sign will have the color combination of <i>red</i> and <i>white</i> .			
	WARNING Indicates a potentially hazardous situation that, if not avoided, could result in death or serious injury. The sign will have the color combination of <i>orange</i> and <i>black</i> .			
	CAUTION Indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury. The sign will have the color combination of <i>yellow</i> and <i>black</i> .			
	NOTE: Indicates a special point of information.			
	Carefully read and follow all cafety signs. Beinstell cafety signs that			

Carefully read and follow all safety signs. Reinstall safety signs that are damaged or missing.

► Right-hand and left-hand sides of the implement are determined by facing in the direction the implement will travel when going forward.

BLU-JET

Introduction

LR 3, LF ►	<u>General Information:</u> The LandRunner 3 was designed and built to BLU-JET standards. The LandRunner 3 tubular framework (4" x 6") gives you the strength to tackle any terrain. Highly versatile row spacing capabilities meet your requirements in virtually any fertilizer application, pre-plant, side-dress, RidgeTill, or NoTill. The LandRunner 3 toolbar rank (38") provides superior residue flow. The LandRunner 3 was designed to be used in combination with BLU-JET's Super 1200 Coulter, SealPro II disc sealers and BLU-JET's complete line of shank mountings.
	 For your convenience we have four easy ways to register your warranty. Call our toll free number and ask for warranty registration. 1-800-658-3127 Fax completed warranty registration form. Fax: 402-385-3043 Register on-line in warranty page at www.blu-jet.com Complete and return registration form. Thurston Manufacturing Company Warranty does not cover the following: Cleaning, transporting, mailing and service call charges. Depreciation or damage caused by normal wear, accidents, improper protection or improper use. See complete Warranty for details. The Serial Number location
•	Record your implement model and serial number in the space provided be- low. Your dealer needs this information to give you prompt, efficient service when you order parts.
	SERIAL NO
	DATE PURCHASED

BLU-JET	Dealer Checklist
LR 3, LF ►	To The Dealer: Inspect the implement thoroughly after assembly to be certain it is functioning properly before delivering it to the customer. The following checklist is a reminder of points to cover. Check off each item as it is found satisfactory or after proper adjustment is made.
►	PRE-DELIVERY CHECKLIST
	O 1. All hardware properly tightened
	○ 2. Lubrication of grease fittings
	\bigcirc 3. All decals properly located and readable
	\bigcirc 4. Other adjustments for machine level height, etc.
	 Overall condition (touch up any scratches, clean and polish)
	O 6. Operator's manual
	DATE SET UP SIGNATURE
►	DELIVERY
	 Review the operator's manual with the customer. Explain the following: 1. Safe operation and service 2. Correct machine installation and operation 3. Daily and periodic lubrication and maintenance 4 Daily and periodic inspections 5. Trouble shooting 6. Storing machine 7. Thurston Manufacturing Company parts and service 8. Have the customer write the machine model and serial number in space provided in manual introduction. 9. Give customer the operator's manual and encourage the customer to read the manual carefully. 10. Completion and mailing of warranty registration form.
	DATE DELIVERED SIGNATURE MODEL NO SERIAL NO

BLU-JET

LR 3, LF

Thank you for your recent purchase of a new BLU-JET implement. The primary objective of Thurston Manufacturing Company is to build and provide you with a quality product. However, in the event that a problem does occur, it is imperative that your warranty registration is on file in order to accurately respond to your specific service circumstances. For your convenience we have four easy ways to register your warranty:

Register Warranty One of Four Ways

- Call our toll free number and ask for warranty registration. 1-800-658-3127
- Fax your completed warranty registration form.
 1-402-385-3043
- Register on-line at: www.blu-jet.com
- Complete and mail the warranty registration form.

This manual has been prepared to assist you in the assembly of your new machine and contains information pertaining to safety, operations and all of its parts. Our personnel in sales and service are always available to assist you when questions arise concerning the assembly or operations of your tool bar.

When ordering parts, please refer to part numbers and descriptions as listed throughout this book. All parts and whole goods will be shipped FOB Thurston, Nebraska. Or FOB your regional distributor. Always check merchandise immediately upon receipt for damage or shortage. Note any discrepancy on carrier's bill of lading and notify Sender within 10 days. Returned goods will be subject to a 15% restocking charge. Thurston Manufacturing Company reserves the right to make improvements and modifications on equipment without obligation to change previously built equipment. All prices are subject to change without notice.

Limited Warranty

BLU-JET

LR 3, LF

Thurston Manufacturing Company warrants each new BLU-JET machine primary framework to be free from defects in material and workmanship for a period of five (5) years, normal wear of wearing parts excepted. Thurston Manufacturing Company further warrants each new BLU-JET product to be free from defects in material and workmanship, normal wear of wearing parts excepted, for a period of one (1) year. All accessories purchased and resold by Thurston Manufacturing Company will be warranted according to their respective manufacturer. Tires on BLU-JET equipment are warranted through their respective tire manufacturers and their network of dealers in your local area.

Warranty begins from date of delivery to the original purchaser and applies to all new BLU-JET products that have not been altered and are being used for the intended purpose. Negligence, abuse or modification of equipment manufactured by or purchased and resold by Thurston Manufacturing Company will void this warranty.

The obligation of Thurston Manufacturing Company to honor this warranty is limited to the repair or replacement of defective merchandise, to the original purchaser, subject to inspection of equipment in question by an authorized Thurston Manufacturing Company sales or service technician. In the USA, freight of warranty replacement parts including main frame centers and wings will be prepaid for a period of one (1) Year by Thurston Manufacturing Company. Shipments of repaired or replaced parts including main frame centers and wings after one year will be paid by the customer.

Return of defective goods must be made within thirty (30) days of failure to Thurston Manufacturing Company, Thurston, Nebraska USA or to the nearest authorized BLU-JET Distributor or Rep Sales and service outlet.

Thurston Manufacturing Company will not be held responsible for any repair charges made by customers without prior written consent and prior equipment inspection by an authorized Thurston Manufacturing Company sales or service technician.

This warranty shall not be interpreted to render liability for injury or damages of any kind, direct, consequential or contingent to person or property. This warranty does not extend to loss of crops, economic and/or commercial loss, loss because of delay in crop production or any expense incurred for labor, supplies, substitute machinery, rental or for any other reason. This warranty is subject to any existing condition of supply, which may directly affect Thurston Manufacturing Company's ability to obtain materials of manufacture and delivery of replacement parts.

Thurston Manufacturing Company reserves the right to make improvements in design and changes in specifications at any time without incurring any obligation to owners of units previously sold.

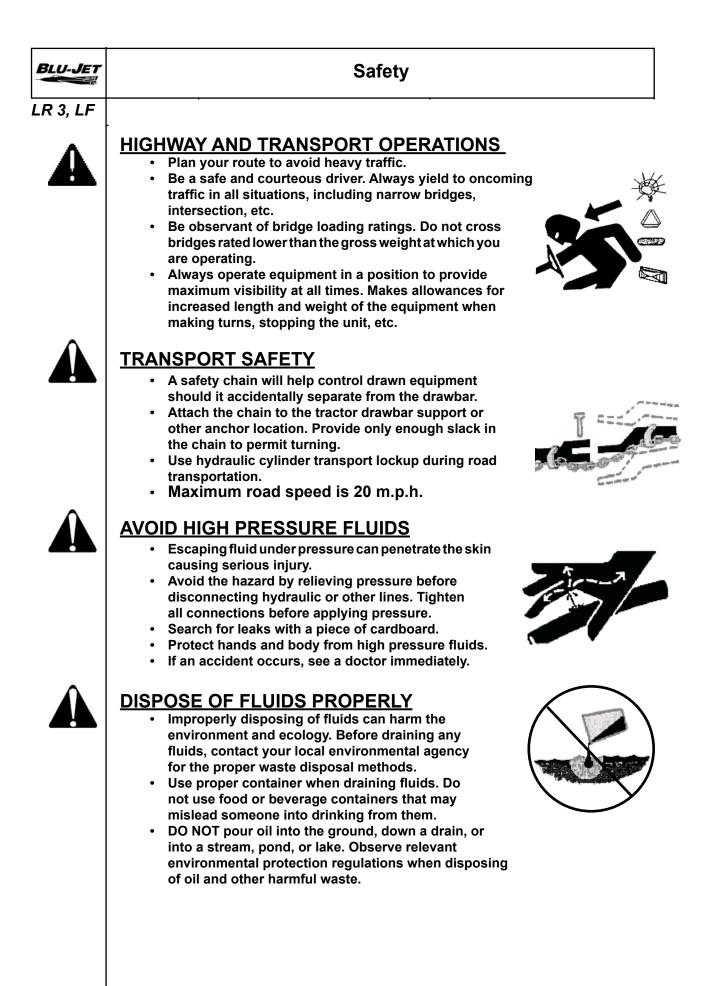
No one is authorized to alter, modify or enlarge this warranty nor its exclusions, limitations and reservations. Thurston Manufacturing Company makes no representations or warranties, expressed or implied (including implied warranties of merchantability and fitness), except for those set forth in Thurston Manufacturing Company's current applicable published warranty policies and procedures.

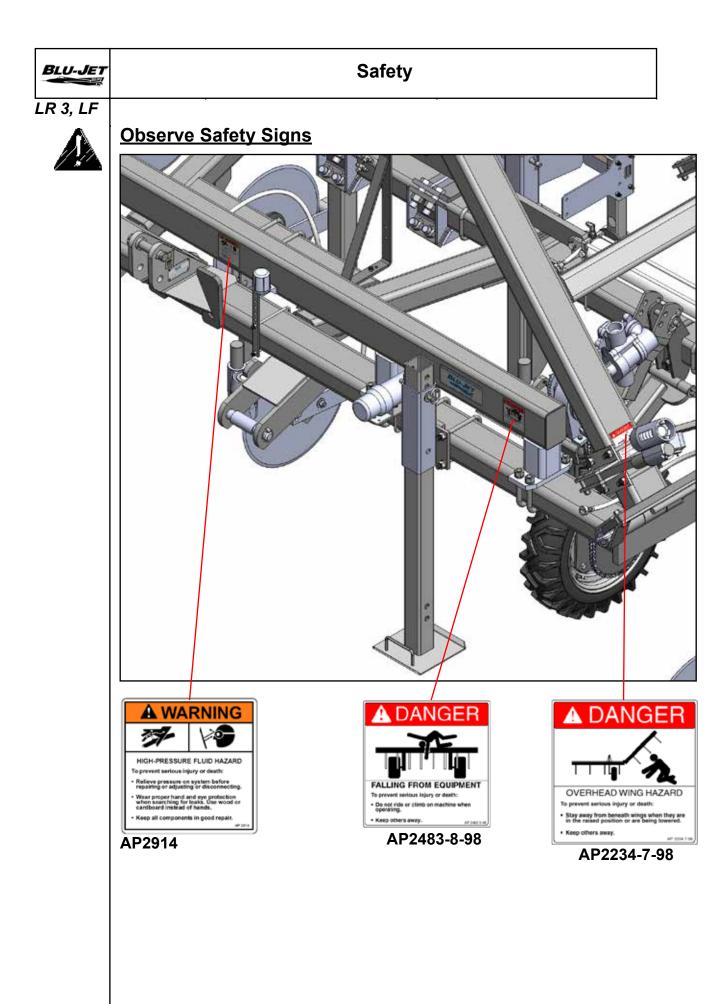
Layton W. Jensen, President

022398\mgmt

BLU-JET	Safety	
LR 3, LF	 RECOGNIZE SAFETY INFORMATION This is the safety-alert symbol. When you see his symbol on your machine or in this manual, be alert to the potential for personal injury. Follow recommended precautions and safe operating practices. 	
Â	 FOLLOW SAFETY INSTRUCTIONS Carefully read all safety messages in this manual and on your machine safety signs. Keep safety signs in good condition. Replace missing or damaged safety signs. Learn how to operate the machine and how to use controls properly. Do not let anyone operate without instruction. Keep your machine in proper working condition. 	
	 Unauthorized modification to the machine may impair the function and/or safety and affect machine life. <u>PROTECT CHILDREN AND BYSTANDERS</u> Before you back, LOOK CAREFULLY behind for children. Clear area of children, pets and bystanders. 	6
	 HIGHWAY AND TRANSPORT OPERATIONS Adopt safe driving practices: Keep the brake pedals latched together at all times. NEVER USE INDEPENDENT BRAKING WITH MACHINE IN TOW AS LOSS OF CONTROL AND/OR UPSET OF UNIT CAN RESULT. Always drive at a safe speed relative to local conditions and ensure that your speed is low enough for a emergency stop to be safe and secure. Keep speed to a minimum. Reduce speed prior to turns to avoid the risk of overturning. Avoid sudden uphill turns on steep slopes. 	
	 Always keep the tractor or towing vehicle in gear to provide engine braking when going downhill. Do not coast. Do not drink and drive. Comply with state and local laws governing highway safety and movement of farm machinery on public roads. Use approved accessory lighting and necessary warning devices to protect operators of other vehicles on the highway during daylight and nighttime transport. The use of flashing amber lights is accentable in most 	

- The use of flashing amber lights is acceptable in most localities. However, some localities prohibit their use. Local laws should be checked for all highway lighting and marking requirements.
- When driving the tractor and equipment on the road or highway under (20 mph max.) (32 kmph max.) at night or during the day, use flashing amber warning lights and a slow moving vehicle (SMV) identification emblem.

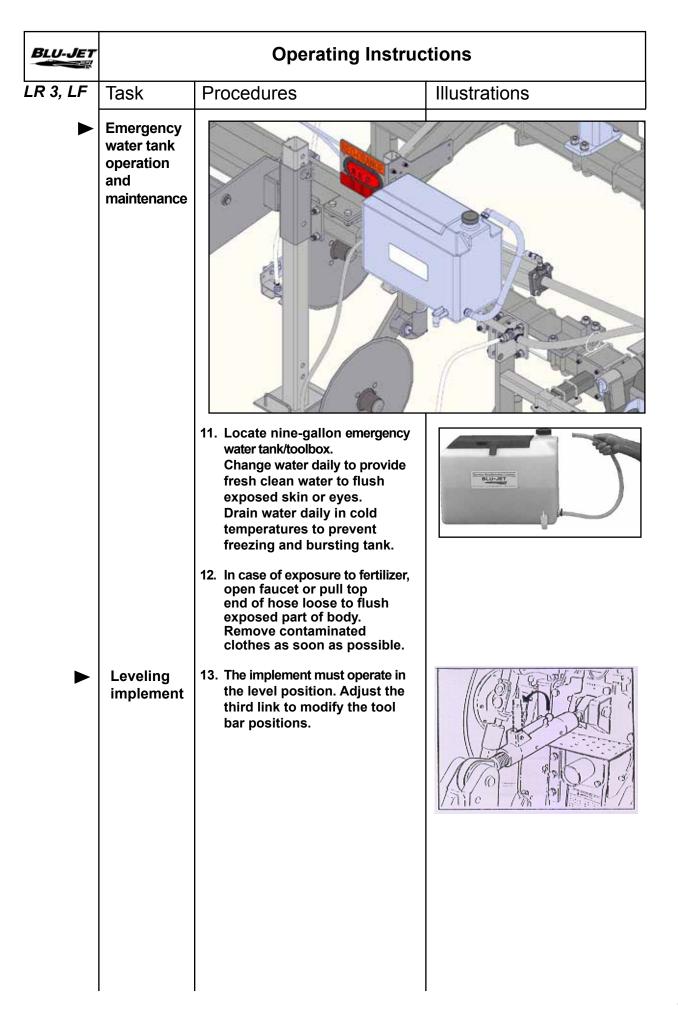




BLU-JET		Operating Instruc	tions
LR 3, LF	Task	Procedures	Illustrations
	3-Point adjustments	1. Measure tractor linkages on pullarms to insure equal length for level operation as viewed across the rear of the tractor. Check tractor tire pressure for equal inflation. Be certain that the proper pins are used in either CAT. III or CAT. IV hookup.	
►	Mounting implement	 Mount implement with pull pin kit. Connect hydraulic hoses. Attach 7 pin electrical harness. 	
		4. Raise park stands.	
	Checking lights	5. Check lights for proper operation.	

BLU-JET	r	Operating Instruc	ctions
LR 3, LF	Task	Procedures	Illustrations
	Lubricate wing hinges		
	Coulter lubrication	 Grease all zerks daily. Grease coulter arm pivots daily. Grease all coulter arm pivots The plug on the coulter hub can be removed. A zerk can be installed. Hub and spindle assembly should be greased twice seasonally. Loosen carriage bolts and adjust coulter shanks in flatback until the blade is running at a depth of 4 to 5 inches. 	

Procedures 10. Nurse tank hitch can be retracted and moved from side to side for easy hookup. Hitch will automatically lock in the extended position. Image: Comparison of the extended position of the extended position. Image: Comparison of the extended position of the extended position. Image: Comparison of the extended position of the extended position. Image: Comparison of the extended position of the extended position. Image: Comparison of the extending of the extending of retracting the swing slide insert. Image: Comparison of the extended position of the extending of retracting the swing slide insert.	
retracted and moved from side to side for easy hookup. Hitch will automatically lock in the extended position. Marking Pinch point To prevent Injury Keep hands clear when extending or retracting the swing slide insert	
in the extended position.	
,	



BLU-JET			Instructions Setting
LR 3, LF	Task	Procedures	Illustrations
	Pump setting NOTE: Consult pump manual for setting instructions	 Read pump manual for rate setting instructions. Loosen pump setting hex nut. 	Cenerile Photo Hex nut
		3. Place pump wrench on notched sprocket. Dial in setting from pump setting chart.	
		4. Tighten hex nut to secure pump setting.	<image/>

BLU-JET	High P	ressure Coulter Injection System Nozzle Calibration Work sheet
LR 3, LF ►	first being a	of these systems involves two separate sets of calculations. The procedure of setting rate and the second being a procedure of stem pressure.
	FIRST:	These systems utilize a positive-displacement, ground-driven, piston pump to establish the GPA (gallon per acre) rate. Because the pump is ground-driven, this rate will be very consistent provided you do not exceed the pumps capacity or pressure ratings (120 PSI Maximum).
	SECOND:	The injection system nozzles are what determine system operation pressure at a particular flow rate and ground speed. Because the system requires nozzle pressure in the 60 PSI to 120 PSI range to inject fertilizer into the soil properly, it becomes necessary to size the nozzle correctly to maintain this 60-120 PSI optimum operating pressure at various speeds. In effect, the operating speed is limited by the range of pressure necessary for proper injection system operation
	<u>Remember t</u> pressure.	hat nozzle size has no affect on rate, only system operating
	<u>High Press</u>	ure Injection System Pump Calibration Work sheet
	<u>Step 1:</u> Rate	 Calculation (gallons per acre) Actual pounds of nitrogen per acre desired: percent of nitrogen in solution equals pounds of solution per acre <u>Actual N ÷ % of N = lbs. solution per acre</u>
		ual N desired .28 (% of N in solution) = 357 lbs. per acre ual N desired .32 (% of N in solution) = 312 lbs. per acre
	Step 2: Pour	nds per acre of solution weight per gallon of solution equal GPA (GPA= gallons per acre of solution) <u>Ibs. solution per acre ;</u> weight per gallon = <u>GPA</u>
		6 N solution 10.65 lbs. per gallon = 33.5 GPA 6 N solution 11.4 lbs. per gallon = 27.37 GPA
		the John Blue, pump setting, slide-rule chart. The standard J-JET sprocket combination is 18 to 50.
	BLU LM ₄ Add	ded Radius: recommend using a loaded radius of 13" for the standard I-JET tire drive wheel when used with the John Blue 4450 pump. 1/2" to the loaded radius if soil builds up on the small tire in wet ditions.



LR 3, LF

Step 5: Swath width is the number of rows being applied (Example: A 15 row 30" machine will cover 16 rows.) times the spacing between the rows.

<u>Rows</u> x <u>Spacing</u> = <u>Swath width</u>

16 rows x 30" = 480" (swath width)

Step 6: Example:

- 1. Using the chart, align loaded radius (10") with 18 to 50 sprocket combination setting.
- 2. Using the chart, align swath width (480") with arrow under sprocket ratio.
- 3. Using the chart, GPA rate (LM 4450) pump) from step 2 above will align with correct pump setting.

Once the correct pump setting has been obtained from the pump calibration work sheet it becomes necessary to select a nozzle size that will result in a system operating pressure that falls within the recommended range of 60 PSI to 120 PSI. It is important to <u>remember that GPA rate will not be affected by</u> changing nozzle sizes. The only way the GPA rate will change is if you change pump settings. A gauge is provided to double check calculations and monitor pressure during operation.

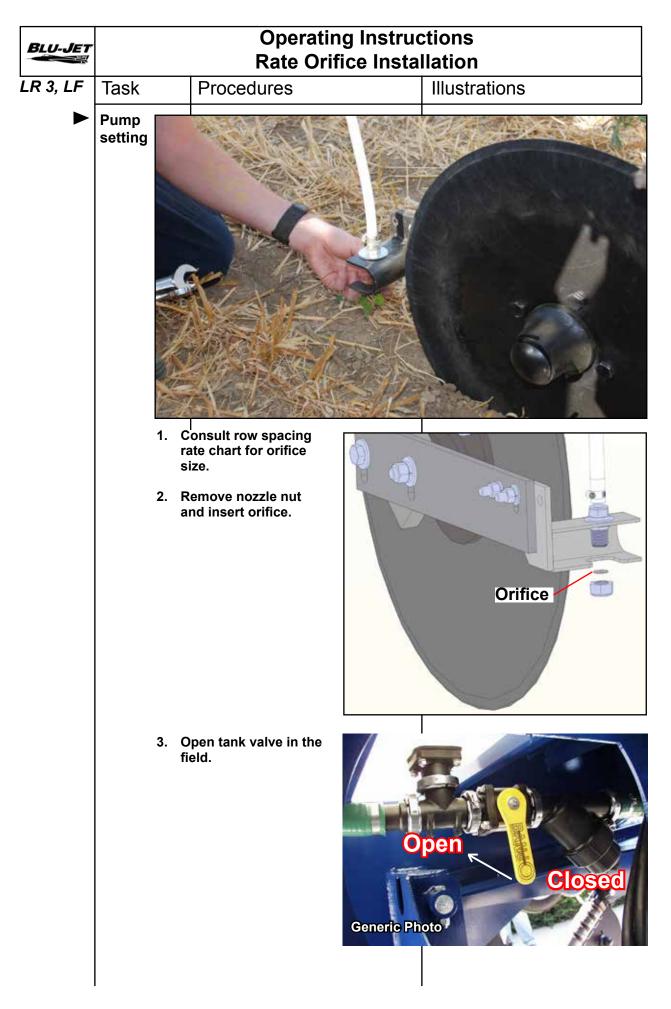
To simplify calibration we supplied a chart based on 28% nitrogen solution in 30" row spacings.

Example: Using the 30" spacing chart, with 7 MPH as the target operating speed and 115 lbs. N/acre as the target rate; you can see that nozzle size 4916-95 will produce 80 PSI @ 7 MPH. Also if you look under the 8 MPH column you will see that this nozzle size will produce 100 PSI.

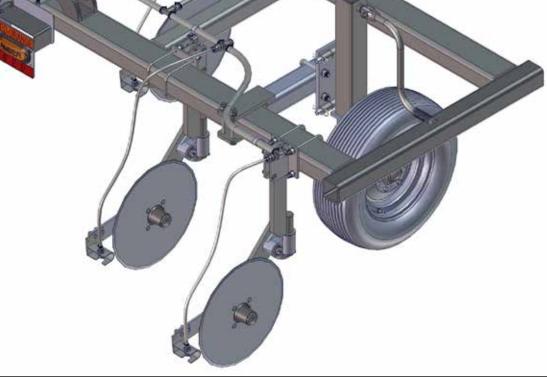
It is recommended that a mid-range pressure of 80 to 100 PSI is used to allow for speed variances in field operation, if possible.

It is recommended that the stream stabilizer nozzle inserts always be used with these nozzles to improve the solid-stream characteristics of the spray pattern and consequently the injection and over spray reduction characteristics of nozzle. These stainless steel nozzle orifices are commercially available almost everywhere and there are several sizes available between those on our chart if needed.

It is recommended that a fine line (80 mesh) stainer be used on extremely low rate applications to prevent plugging nozzles.



BLU-JET	Operating Instructions			
LR 3, LF	Task	Procedures	Illustrations	
	A A P			



- Travel a few meters and check blade depth.
 (4" (10 cm) Adjust gauge wheels or coulters to achieve the 4" (10 cm) depth.
- 2. Check all nozzles for stream of liquid behind blade.
- 3. Make adjustment to nozzle assembly so stream is in line with the blade trench.



Divi Ima	
BLU-JET	

30 Inch Spacing Rate Chart

LR 3, LF	Task	Procedu	ures			Illus	tration	S		
			Gallons per Acre 30 Inch Spacing							
		GPM	5	6	7	8	9	10	11	12
Orifice #	PSI	10.65 lb./gal 28%	mph	mph	mph	mph	mph	mph	mph	mph
	60	0.320	12.7	10.5	9.0	7.9	7.0	6.3	5.8	5.3
1010 10	80	0.369	14.6	12.2	10.4	9.1	8.1	7.3	6.6	6.1
4916 49	100	0.413	16.3	13.6	11.7	10.2	9.1	8.2	7.4	6.8
	120	0.452	17.9	14.9	12.8	11.2	9.9	8.9	8.1	7.5
	60	0.432	17.1	14.3	12.2	10.7	9.5	8.6	7.8	7.1
4040 57	80	0.499	19.8	16.5	14.1	12.4	11.0	9.9	9.0	8.2
4916 57	100	0.558	22.1	18.4	15.8	13.8	12.3	11.1	10.0	9.2
	120	0.612	24.2	20.2	17.3	15.1	13.5	12.1	11.0	10.1
	60	0.528	20.9	17.4	14.9	13.1	11.6	10.5	9.5	8.7
*4916 63	80	0.610	24.2	20.1	17.3	15.1	13.4	12.1	11.0	10.1
4910 05	100	0.682	27.0	22.5	19.3	16.9	15.0	13.5	12.3	11.3
	120	0.747	29.6	24.7	21.1	18.5	16.4	14.8	13.4	12.3
*4916 70	60	0.652	25.8	21.5	18.4	16.1	14.3	12.9	11.7	10.8
	80	0.753	29.8	24.9	21.3	18.6	16.6	14.9	13.6	12.4
	100	0.842	33.3	27.8	23.8	20.8	18.5	16.7	15.2	13.9
	120	0.922	36.5	30.4	26.1	22.8	20.3	18.3	16.6	15.2
	60	0.810	32.1	26.7	22.9	20.0	17.8	16.0	14.6	13.4
*4040 70	80	0.935	37.0	30.9	26.4	23.1	20.6	18.5	16.8	15.4
*4916 78	100	1.045	41.4	34.5	29.6	25.9	23.0	20.7	18.8	17.2
	120	1.145	45.3	37.8	32.4	28.3	25.2	22.7	20.6	18.9
	60	0.984	39.0	32.5	27.8	24.4	21.7	19.5	17.7	16.2
* 40 40 00	80	1.137	45.0	37.5	32.2	28.1	25.0	22.5	20.5	18.8
*4916 86	100	1.271	50.3	41.9	35.9	31.5	28.0	25.2	22.9	21.0
	120	1.392	55.1	45.9	39.4	34.5	30.6	27.6	25.1	23.0
	60	1.201	47.6	39.6	34.0	29.7	26.4	23.8	21.6	19.8
*4040.05	80	1.387	54.9	45.8	39.2	34.3	30.5	27.5	25.0	22.9
*4916 95	100	1.551	61.4	51.2	43.9	38.4	34.1	30.7	27.9	25.6
	120	1.699	67.3	56.1	48.1	42.0	37.4	33.6	30.6	28.0
	60	1.524	60.3	50.3	43.1	37.7	33.5	30.2	27.4	25.1
1010 10-	80	1.760	69.7	58.1	49.8	43.5	38.7	34.8	31.7	29.0
4916 107	100	1.967	77.9	64.9	55.6	48.7	43.3	39.0	35.4	32.5
	120	2.155	85.3	71.1	61.0	53.3	47.4	42.7	38.8	35.6
	60	1.917	75.9	63.2	54.2	47.4	42.2	37.9	34.5	31.6
1010 100	80	2.213	87.6	73.0	62.6	54.8	48.7	43.8	39.8	36.5
4916 120	100	2.474	98.0	81.7	70.0	61.2	54.4	49.0	44.5	40.8
	120	2.710	107.3	89.4	76.7	67.1	59.6	53.7	48.8	44.7

The 4916 series of orifices are available in many sizes falling between those listed on this chart.

* Standard equipment sizes.

— ——
BLU-JET
1

36 Inch Spacing Rate Chart

LR 3, LF

Task

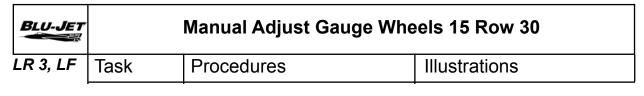
Procedures

Illustrations

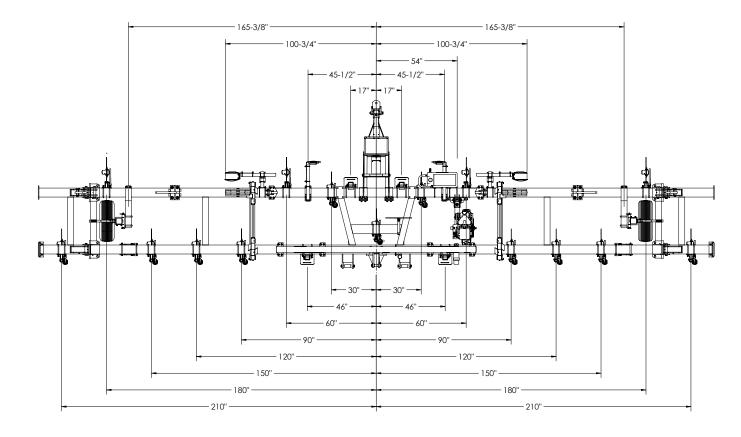
					G	allons	per Ac	re		
		GPM			36	Inch S	pacing	9		
		10.65 lb./gal	5	6	7	8	9	10	11	12
Orifice #	PSI	28%	mph	mph	mph	mph	mph	mph	mph	mph
	60	0.320	10.5	8.8	7.5	6.6	5.9	5.3	4.8	4.4
4916 49	80	0.369	12.2	10.1	8.7	7.6	6.8	6.1	5.5	5.1
	100	0.413	13.6	11.3	9.7	8.5	7.6	6.8	6.2	5.7
	120	0.452	14.9	12.4	10.7	9.3	8.3	7.5	6.8	6.2
	60	0.432	14.3	11.9	10.2	8.9	7.9	7.1	6.5	5.9
4916 57	80	0.499	16.5	13.7	11.8	10.3	9.2	8.2	7.5	6.9
	100	0.558	18.4	15.4	13.2	11.5	10.2	9.2	8.4	7.7
	120	0.612	20.2	16.8	14.4	12.6	11.2	10.1	9.2	8.4
	60	0.528	17.4	14.5	12.5	10.9	9.7	8.7	7.9	7.3
*4916 63	80	0.610	20.1	16.8	14.4	12.6	11.2	10.1	9.1	8.4
	100	0.682	22.5	18.8	16.1	14.1	12.5	11.3	10.2	9.4
	120	0.747	24.7	20.5	17.6	15.4	13.7	12.3	11.2	10.3
	60	0.652	21.5	17.9	15.4	13.5	12.0	10.8	9.8	9.0
*4916 70	80	0.753	24.9	20.7	17.8	15.5	13.8	12.4	11.3	10.4
	100	0.842	27.8	23.2	19.8	17.4	15.4	13.9	12.6	11.6
	120	0.922	30.4	25.4	21.7	19.0	16.9	15.2	13.8	12.7
	60	0.810	26.7	22.3	19.1	16.7	14.8	13.4	12.1	11.1
*4916 78	80	0.935	30.9	25.7	22.0	19.3	17.1	15.4	14.0	12.9
	100	1.045	34.5	28.7	24.6	21.6	19.2	17.2	15.7	14.4
	120	1.145	37.8	31.5	27.0	23.6	21.0	18.9	17.2	15.7
	60	0.984	32.5	27.1	23.2	20.3	18.0	16.2	14.8	13.5
*4916 86	80	1.137	37.5	31.3	26.8	23.4	20.8	18.8	17.0	15.6
	100	1.271	41.9	34.9	30.0	26.2	23.3	21.0	19.1	17.5
	120	1.392	45.9	38.3	32.8	28.7	25.5	23.0	20.9	19.1
	60	1.201	39.6	33.0	28.3	24.8	22.0	19.8	18.0	16.5
*4916 95	80	1.387	45.8	38.1	32.7	28.6	25.4	22.9	20.8	19.1
	100	1.551	51.2	42.6	36.6	32.0	28.4	25.6	23.3	21.3
	120	1.699	56.1	46.7	40.0	35.0	31.1	28.0	25.5	23.4
	60	1.524	50.3	41.9	35.9	31.4	27.9	25.1	22.9	21.0
4916 107	80	1.760	58.1	48.4	41.5	36.3	32.3	29.0	26.4	24.2
	100	1.967	64.9	54.1	46.4	40.6	36.1	32.5	29.5	27.0
	120	2.155	71.1	59.3	50.8	44.4	39.5	35.6	32.3	29.6
	60	1.917	63.2	52.7	45.2	39.5	35.1	31.6	28.7	26.4
4916 120	80	2.213	73.0	60.9	52.2	45.6	40.6	36.5	33.2	30.4
	100	2.474	81.7	68.0	58.3	51.0	45.4	40.8	37.1	34.0
	120	2.710	89.4	74.5	63.9	55.9	49.7	44.7	40.7	37.3

The 4916 series of orifaces are available in many sizes falling between those listed on this chart.

* Standard equipment sizes.

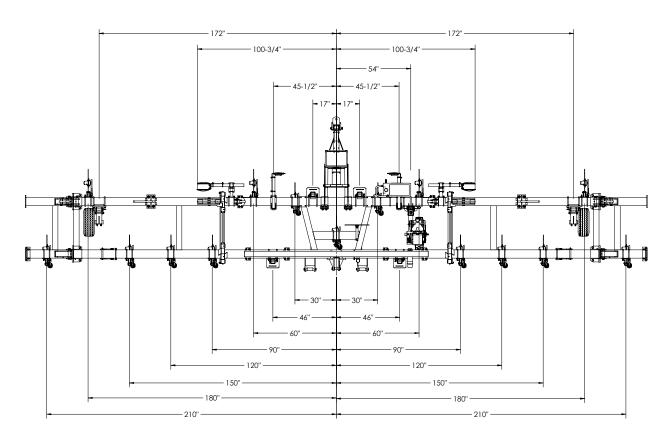


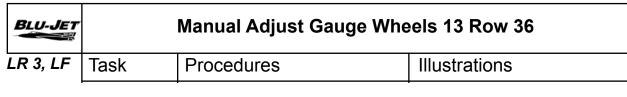




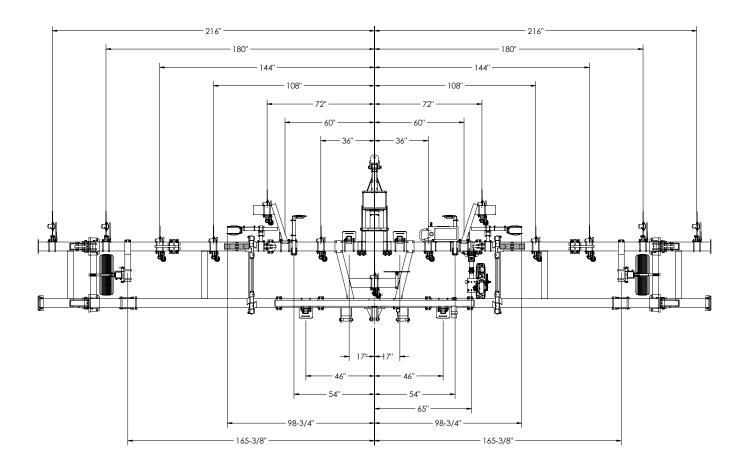
BLU-JET	Vertical Pin Adjust Gauge Wheels 15 Row 30				
LR 3, LF	Task	Procedures	Illustrations		

LANDRUNNER 3 LF VERTICAL PIN ADJUST GW 15 ROW 30''



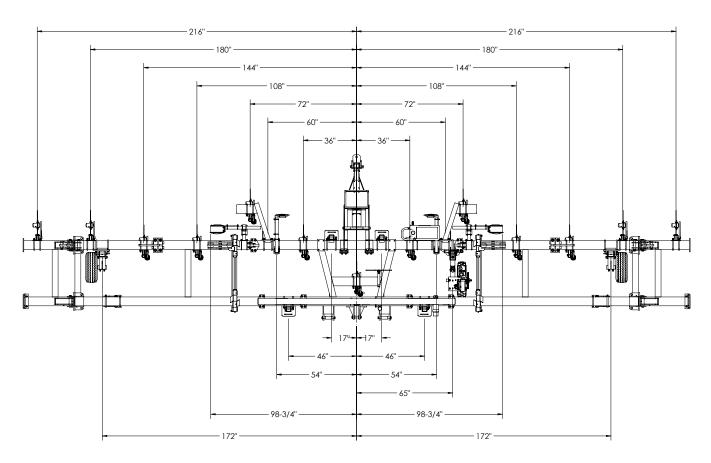




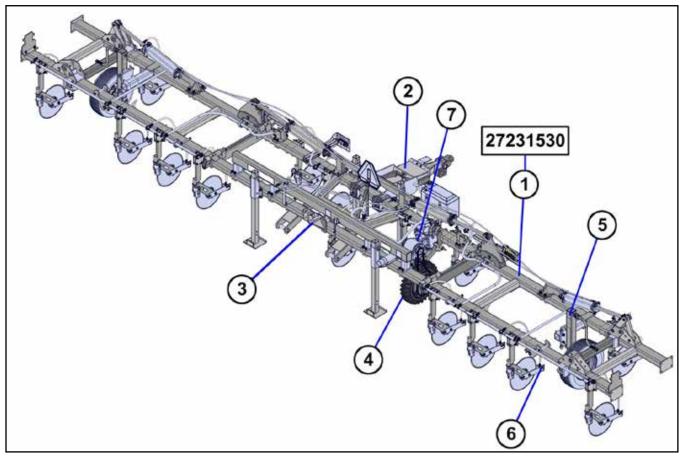


BLU-JET	Ve	Vertical Pin Adjust Gauge Wheels 13 Row 36					
LR 3, LF	Task	Procedures	Illustrations				

LANDRUNNER 3 LF VERTICAL PIN ADJUST GW 13 ROW 36''

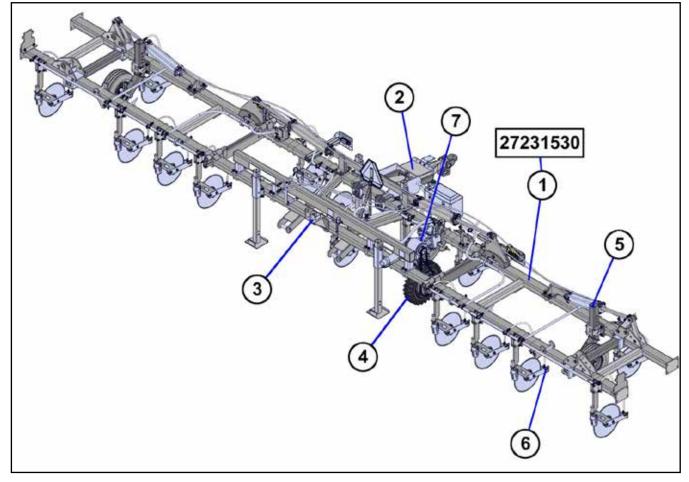


BLU-JET	Frame, La	ndRunner 3, 37', Manual G	auge Wheels (27231530)
LR 3, LF	Task	Procedures	Illustrations



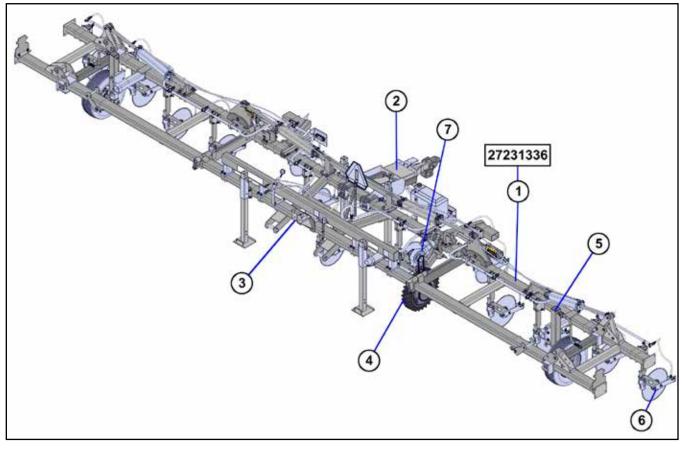
BOM ID	Qty	Item No	Description
1	1	27231530	LANDRUNNER 3 LIQUID FERTILIZER
2	1	27210958	NURSE TANK HITCH, AUTOLOK, 4" X 6" MOUNTING
3	1	27211010	LANDRUNNER 3 LF, 15R30, BASE UNIT, 37'
4	1	27211015	GROUND DRIVE PUMP KIT, 60T SPROCKET
5	1	27211016	LANDRUNNER 3, MANUAL GAUGE WHEEL
6	15	AAM3353	JETSTREAM LIQUID ASSEMBLY, TEE-JET CHECK, 1 ROW
7	1	CP2569	PUMP, TWIN PISTON, NGP-9055, 68.4 GAL

BLU-JET	Frame, LandRunner 3, 37', Pin Adjust Gauge Wheels (27231530)				
LR 3, LF	Task	Procedures	Illustrations		



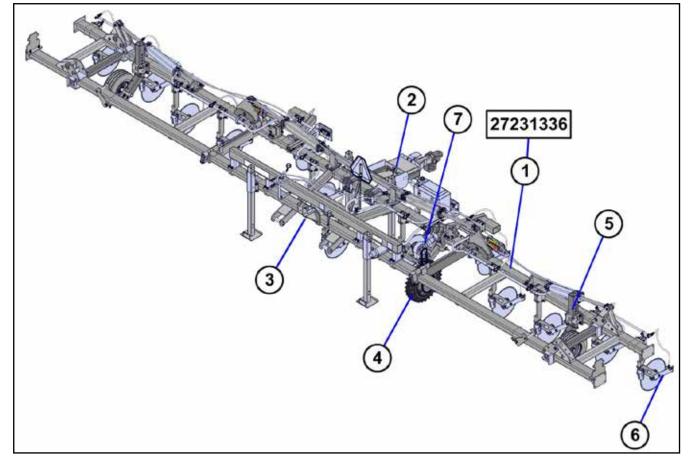
BOM ID	Qty	Item No	Description
1	1	27231530	LANDRUNNER 3 LIQUID FERTILIZER
2	1	27210958	NURSE TANK HITCH, AUTOLOK, 4" X 6" MOUNTING
3	1	27211010	LANDRUNNER 3 LF, 15R30, BASE UNIT, 37'
4	1	27211015	GROUND DRIVE PUMP KIT, 60T SPROCKET
5	1	27211017	GAUGE WHEEL, VERTICAL PIN ADJUST, ANGLED, 1 PAIR
6	15	AAM3353	JETSTREAM LIQUID ASSEMBLY, TEE-JET CHECK, 1 ROW
7	1	CP2569	PUMP, TWIN PISTON, NGP-9055, 68.4 GAL

BLU-JET	Frame, LandRunner 3, 37', Manual Gauge Wheels (27231336)				
LR 3, LF	Task	Procedures	Illustrations		

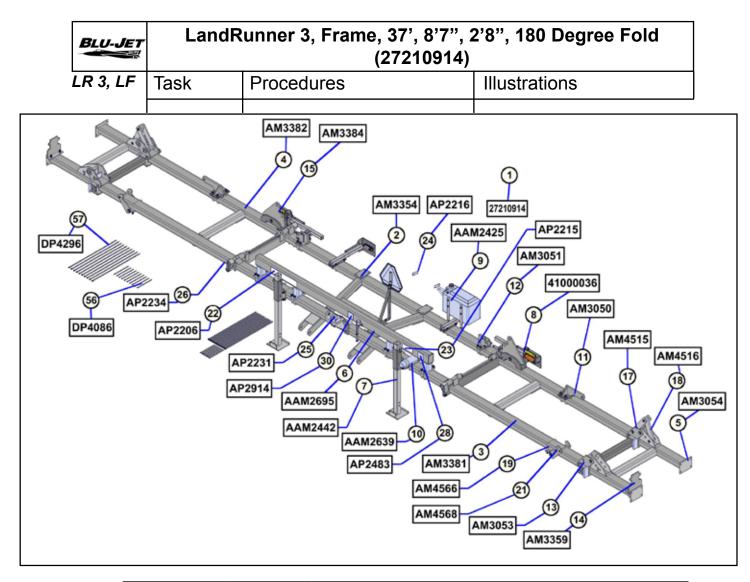


BOM ID	Qty	Item No	Description
1	1	27231336	LANDRUNNER 3 LIQUID FERTILIZER
2	1	27210958	NURSE TANK HITCH, AUTOLOK, 4" X 6" MOUNTING
3	1	27211013	LANDRUNNER 3 LF, 13R36, BASE UNIT, 37'
4	1	27211014	GROUND DRIVE PUMP KIT, 50T SPROCKET
5	1	27211016	LANDRUNNER 3, MANUAL GAUGE WHEEL
6	13	AAM3353	JETSTREAM LIQUID ASSEMBLY, TEE-JET CHECK, 1 ROW
7	1	CP2568	PUMP, SINGLE PISTON, NGP-7055, 34.2 GAL

BLU-JET	Frame, LandRunner 3, 37', Pin Adjust Gauge Wheels (27231336)				
LR 3, LF	Task	Procedures	Illustrations		



BOM ID	Qty	Item No	Description	
1	1	27231336	27231336 LANDRUNNER 3 LIQUID FERTILIZER	
2	1	27210958	NURSE TANK HITCH, AUTOLOK, 4" X 6" MOUNTING	
3	1	27211013	LANDRUNNER 3 LF, 13R36, BASE UNIT, 37'	
4	1	27211014	GROUND DRIVE PUMP KIT, 50T SPROCKET	
5	1	27211017	GAUGE WHEEL, VERTICAL PIN ADJUST, ANGLED, 1 PAIR	
6	13	AAM3353	JETSTREAM LIQUID ASSEMBLY, TEE-JET CHECK, 1 ROW	
7	1	CP2568	PUMP, SINGLE PISTON, NGP-7055, 34.2 GAL	

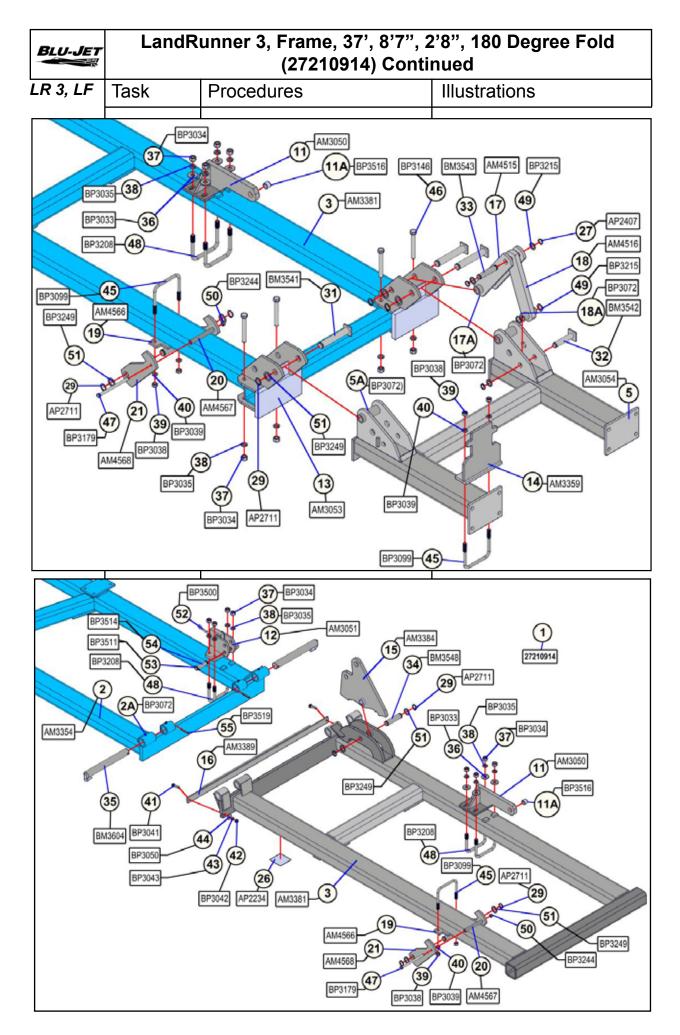


BOM ID	Qty	Item No	Description	
1	1	27210914	14 FRAME, LANDRUNNER 3, 37', 8' 7", 2' 8", 180 DEGREE FOLD	
2	1	AM3354	FRAME, MAIN, LANDRUNNER 3, 13'6" CENTER SECTION	
2A	8	BP3072	GREASE ZERK, 1/4"-28	
3	1	AM3381	WING, 8'7" PRIMARY, LEFT HAND, WITH DOWN FLEX	
4	1	AM3382	WING, 8'7" PRIMARY, RIGHT HAND, WITH DOWN FLEX	
5	2	AM3054	WING, 2'8", LANDRUNNER, 180 DEGREE FOLD	
5A	4	BP3072	GREASE ZERK, 1/4"-28	
6	1	AAM2695	CENTER SECTION BOLT-ON BRACE	
7	2	AAM2442	PARKING STAND ASSEMBLY	
8	1	41000036	LIGHTING KIT, LANDRUNNER	
9	1	AAM2425	SAFETY TANK, TOOLBOX ASSEMBLY, 4" X 6"	
10	1	AAM2639	MANUAL HOLDER WITH 6" X 4" MOUNTING	
11	2	AM3050	CYLINDER LUG, LANDRUNNER, 180 DEGREE FOLD	
11A	2	BP3516	TENSION BUSHING, 1-1/4" X 1" X 1" OAL	
12	2	AM3051	WING STOP, LANDRUNNER, 180 DEGREE FOLD	
13	4	AM3053	HINGE, LANDRUNNER, 180 DEGREE FOLD	
14	2	AM3359	WING REST & LATCH, LANDRUNNER, 180 DEGREE FOLD	
15	2	AM3384	ROCKER PLATE, LANDRUNNER, 180 DEGREE FOLD	
16	2	AM3389	BOLT ON WING SPACER	

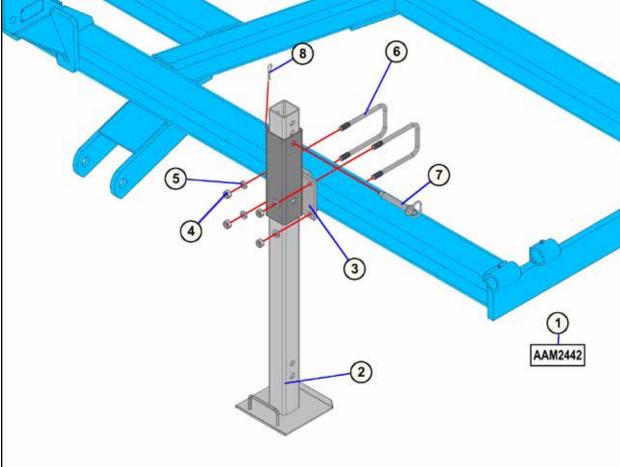
BLU-JET

LandRunner 3, Frame, 37', 8'7", 2'8", 180 Degree Fold (27210914) Continued

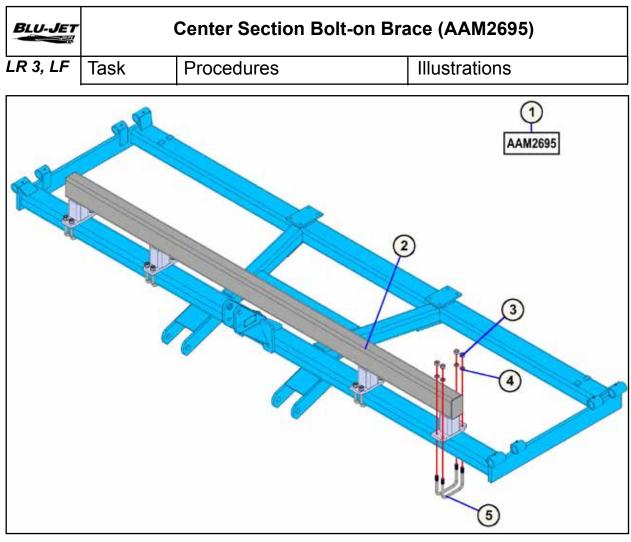
LR 3, LF	Task		Procedu	res	Illustrations
ſ	17 2 17A 2 18 2 18A 4		AM4515	LINKAGE, SECONDARY W	ING, DOUBLE
ľ			BP3072	GREASE ZERK, 1/4"-28	
Ī			AM4516	LINKAGE, SECONDARY W	ING, SINGLE
			BP3072	GREASE ZERK, 1/4"-28	
Ī	19	2	AM4566	WING LATCH PIVOT, SECO	NDARY WING
	20	2	AM4567	PIPE, SPACER	
Ī	21	4	AM4568	SECONDARY WING LOCK	PLATE
	22	2	AP2206	DECAL, LANDRUNNER	
	23	4	AP2215	DECAL, BLU-JET, 3" X 8"	
	24	2	AP2216	DECAL, BLU-JET, SMALL,	1-1/2" X 4"
	25	1	AP2231	DECAL, FEMA, 2-1/2" X 1-1	/2"
Γ	26	2	AP2234	DECAL, DANGER STAND C	LEAR FALLING WING
-	27	6	AP2407	SNAP RING, 1" EXTERNAL	, HEAVY DUTY
Γ	28	1	AP2483	DECAL, DANGER, FALLING	G FROM EQUIPMENT
Ī	29	14	AP2711	SNAP RING, 1-1/4" EXTERN	NAL, HEAVY DUTY
Ī	30	1	AP2914	DECAL, WARNING, HIGH-P	RESSURE FLUID
	31	6	BM3541	PIN, 1-1/4" X 7-3/16", WITH	ANTI-ROTATION
Γ	32	2	BM3542	PIN, 1" X 4-5/8", WITH ANT	I-ROTATION
	33	2	BM3543	PIN, 1" X 4-5/16", DOUBLE	GROOVED, PLATED
Γ	34	2	BM3548	PIN, 1-1/4" X 4-3/4", DOUBI	LE GROOVED, PLATED
	35 4 36 8		BM3604	PIN, 1-3/4" X 14-3/8" WITH	ANTI-ROTATION
			BP3033	WASHER, FLAT, 3/4", PLAT	ED, TYPE A, SERIES W
	37	24	BP3034	NUT, HEX, 3/4"-10, GRADE	2, PLATED
	38	24	BP3035	WASHER, LOCK, 3/4", PLA	TED
	39	8	BP3038	NUT, HEX, 5/8"-11, GRADE	2
	40	8	BP3039	WASHER, LOCK, 5/8", PLA	TED
	41	4	BP3041	HEX CAP SCREW, 1/2"-13 X	X 2", GRADE 5, PLATED
	42	4	BP3042	NUT, HEX, 1/2"-13, GRADE	2, PLATED
	43	4	BP3043	WASHER, LOCK, 1/2", PLA	TED
	44	4	BP3050	WASHER, FLAT, 1/2", PLAT	ED
	45	4	BP3099	U-BOLT, 5/8"-11 X 6" X 6", I	PLATED
	46	8	BP3146	HEX CAP SCREW, 3/4"-10 2	X 6", GRADE 5, PLATED
	47	2	BP3179	HEX CAP SCREW, 1/2"-13	X 8", GRADE 5, PLATED
	48	8	BP3208	U-BOLT, 3/4"-10 X 6"W X 5-	-11/16"L, PLATED
	49	10	BP3215	MACHINERY BUSHING, 1-1	/2" OD X 1" ID, 14 GAUGE, PLATED
_	50	2	BP3244	NUT, HEX LOCK, 1/2"-13, P	LATED
	51	14	BP3249	MACHINERY BUSHING, 1-7	7/8" OD X 1-1/4" ID, 14 GAUGE, PLATED
_	52	2	BP3500	PIN, HAIR CLIP, 3/16"	
	53	2	BP3511	PIN, COTTER, 3/16" X 1-3/4	³³
	54	2	BP3514	PIN, CLEVIS, 1" X 3-1/4"	
	55	4	BP3519	PIN, ROLL, 3/8" X 2-1/2", P	LAIN
	56	10	DP4086	CABLE TIE 11-3/8"	
	57	10	DP4296	CABLE TIE 33"	



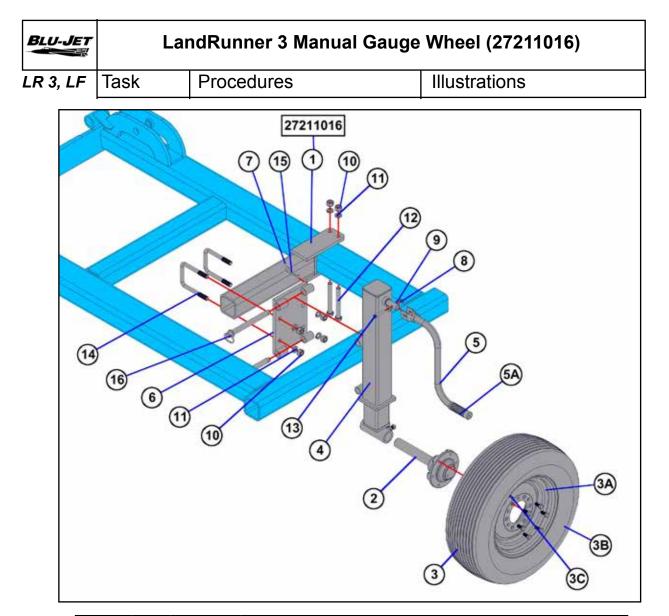




BOM ID	Qty	Item No	Description
1	1	AAM2442	PARKING STAND ASSEMBLY
2	1	AM4682	PARK STAND
3	1	AM5054	BRACKET, PARK STAND MOUNTING, 4" X 6"
4	4	BP3038	NUT, HEX, 5/8"-11, GRADE 2
5	4	BP3039	WASHER, LOCK, 5/8", PLATED
6	2	BP3331	U-BOLT, 5/8"-11 X 4"W X 7-3/4"L, PLATED
7	1	BP3502	PIN, HITCH, 3/4" X 4-1/2"
8	1	BP3504	PIN, HAIRCLIP, 1/8"



BON	I ID	Qty	Item No	Description
1		1	AAM2695	CENTER SECTION BOLT-ON BRACE
2		1	AM2123	BRACE, CENTER SECTION BOLT-ON
3		16	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
4		16	BP3035	WASHER, LOCK, 3/4", PLATED
5		8	BP3208	U-BOLT, 3/4"-10 X 6"W X 5-11/16"L, PLATED

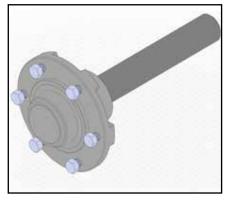


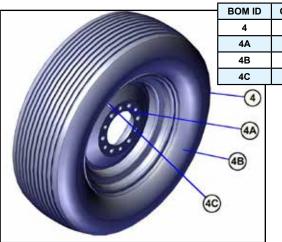
BOM ID	Qty	Item No	Description
1	1	27211016	LR III, MANUAL GAUGE WHEEL
2	2	AAM2705	ASSEMBLY, HUB AND SPINDLE, 611 HUB, 1-3/4" X 14"
3	2	AAM2752	WHEEL, 27 X 9.50-15, 6 PLY, 15 X 6 X 6, WHITE
3A	2	AP2001	RIM, 15 X 6 X 6, WHITE
3B	2	AP2071	TIRE, 27 X 9.50- 5,6 PLY, TERRA RIB
3C	2	AP2790	VALVE STEM, METAL
4	2	AM2505	JACK, VERTICAL GAUGE WHEEL
5	2	AM2526	CRANK WITH GRIP, 90 LONG
5A	2	AP2413	GRIP, JACK HANDLE
6	2	AM3013	BRACKET, INLINE TRANSPORT WING MOUNTING
7	2	AM3015	WING EXTENSION GAUGE WHEEL MOUNT 3 POINT ONLY
8	2	BP3003	NUT, HEX LOCK, 3/8"-16, GRADE 2, PLATED
9	4	BP3015	WASHER, FLAT, 3/8", PLATED
10	12	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
11	12	BP3035	WASHER, LOCK, 3/4", PLATED
12	4	BP3036	HEX CAP SCREW, 3/4"-10 X 6-1/2", GRADE 5, PLATED
13	2	BP3096	HEX CAP SCREW, 3/8"-16 X 2-1/2", GRADE 5, PLATED
14	4	BP3174	U-BOLT, 3/4" - 10 X 4"W X 6"L
15	4	BP3500	PIN, HAIR CLIP, 3/16"
16	4	BP3505	PIN, 15/16" X 9" WITH HANDLE

6D	B COLOR
9	4

BOM ID	Qty	Item No	Description
1	1	AP2023	BEARING CONE, LM 67048
2	1	AP2048	HUB CAP, 1513
3	6	AP2049	WHEEL BOLT, 1/2"-20 X 1"
4	1	AP2066	GREASE SEAL, CR 16289
5	1	AP2078	BEARING CONE, JL 69349
6	1	AP2123	HUB WITH CUPS, 6 BOLT, 611301-6
6A	1	AP2077	BEARING CUP, JL 69310
6B	1	AP2123-Hub	HUB, 6 BOLT, 611301-6
6C	1	AP2524	BEARING CUP, LM 67010
6D	1	BP3072	GREASE ZERK, 1/4"-28
7	1	AP2146	WASHER, SPINDLE, 2" X 1-1/16" X .134"
8	1	AP2168	SPINDLE, 1-3/4" X 14", S7203-I-00
9	1	AP2426	PIN, COTTER, 5/32" X 1-3/4"
10	1	AP2811	NUT, SPINDLE, 1"-14

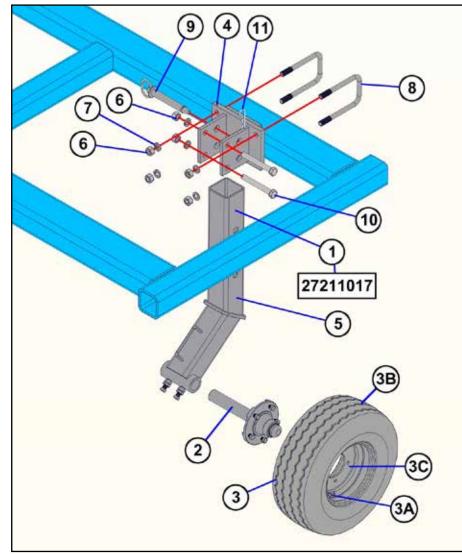
 \overline{O}



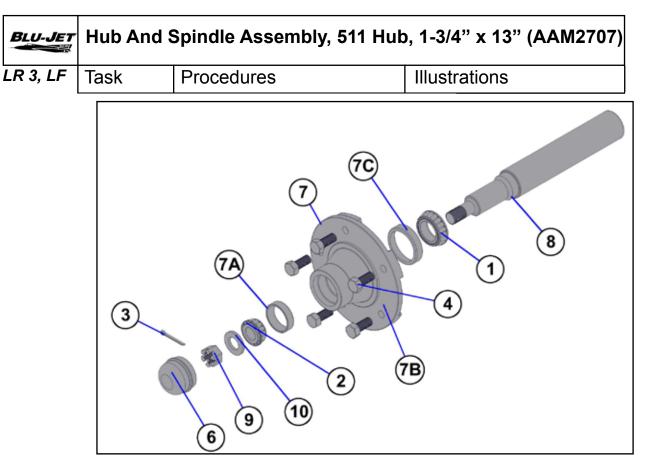


M ID	Qty	Item No	Description
4	2	AAM2752	WHEEL, 27 X 9.50-15, 6 PLY, 15 X 6 X 6, WHITE
A	1	AP2001	RIM, 15 X 6 X 6, WHITE
В	1	AP2071	TIRE, 27 X 9.50- 5,6 PLY, TERRA RIB
C	1	AP2790	VALVE STEM, METAL

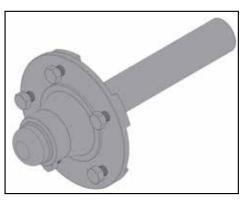
BLU-JET	Vertical Pin Adjust Gauge Wheel, Angled (27211017)		
LR 3, LF	Task	Procedures	Illustrations
			•

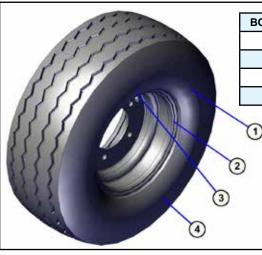


BOM ID	Qty	Item No	Description
1	1	27211017	GAUGE WHEEL, VERTICAL PIN ADJUST, ANGLED, 1 PAIR
2	2	AAM2707	ASSEMBLY, HUB & SPINDLE, 511 HUB, 1-3/4 X 13
3	2	AAM2781	WHEEL, 20.5 X 8.0-10, 10 X 6, WHITE
3A	2	AP2395	VALVE STEM, METAL
3B	2	AP2834	TIRE, 20.5 X 8.0-10, LOAD RATING E
3C	2	AP2893	RIM, 10 X 6, 5 BOLT, 5.5 BC, 4" PILOT
4	2	AM2391	BRACKET, GAUGE WHEEL MOUNTING, 4"X 6" MOUNTING
5	2	AM2392	GAUGE WHEEL LEG, VERTICAL PIN ADJUST, ANGLED
6	12	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
7	12	BP3035	WASHER, LOCK, 3/4", PLATED
8	4	BP3047	U-BOLT, 3/4"-10 X 4"W X 7-3/4"L
9	2	BP3051	PIN, 1" X 6", HITCH, PLATED
10	4	BP3146	HEX CAP SCREW, 3/4"-10 X 6", GRADE 5, PLATED
11	2	BP3500	PIN, HAIR CLIP, 3/16"

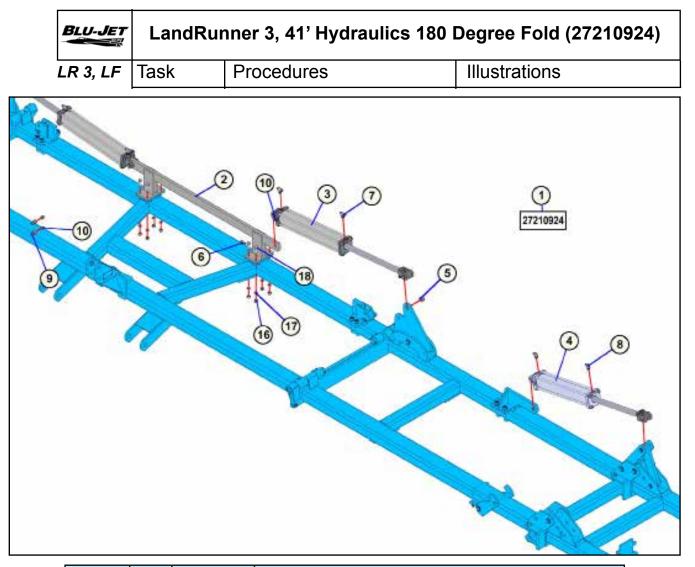


BOM ID	Qty	Item No	Description
1	1	AP2023	BEARING CONE, LM 67048
2	1	AP2024	BEARING CONE, LM 11949
3	1	AP2029	PIN, COTTER, 5/32" X 1-1/2"
4	5	AP2049	WHEEL BOLT, 1/2"-20 X 1"
5	1	AP2052	GREASE SEAL, CR 14974
6	1	AP2053	HUB CAP, 1524
7	1	AP2124	HUB WITH CUPS, 5 BOLT, 511300-5
7A	1	AP2075	BEARING CUP, LM 11910
7B	1	HUB	HUB,5 BOLT, 5.5" BOLT CIRCLE, 4" PILOT
7C	1	AP2524	BEARING CUP, LM 67010
8	1	AP2169	SPINDLE, 1-3/4" X 13", S7151-H-00
9	1	AP2704	NUT, SPINDLE, 3/4"-16
10	1	AP2705	WASHER, SPINDLE, 1-1/2" X 13/16" X .134"

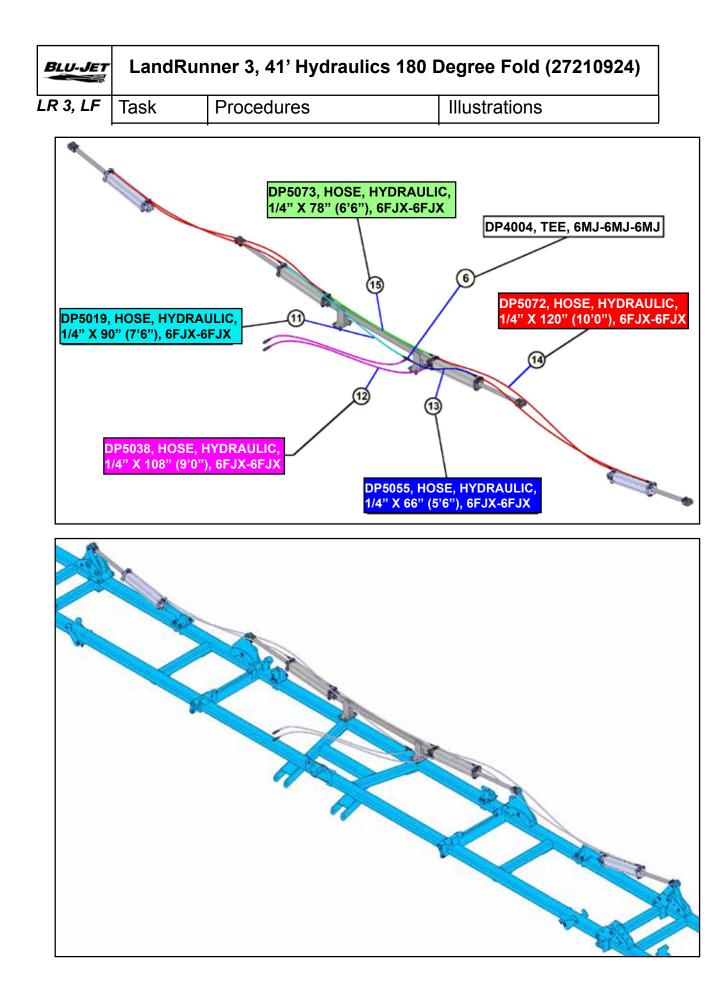


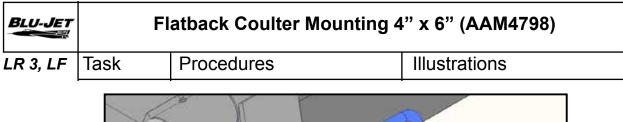


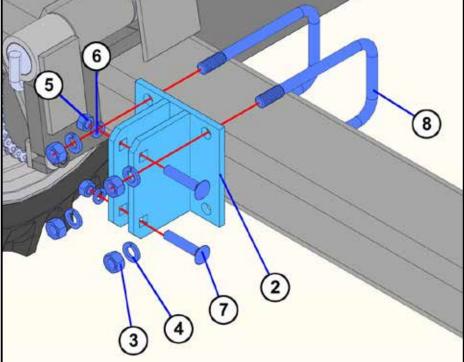
BO	M ID	Qty	Item No	Description
	1	1	AAM2781	WHEEL, 20.5 X 8.0-10, 10 X 6, WHITE
	2	1	AP2893	RIM, 10 X 6, 5 BOLT, 5.5 BC, 4" PILOT
;	3	1	AP2395	VALVE STEM, METAL
	4	1	AP2834	TIRE, 20.5 X 8.0-10, LOAD RATING E



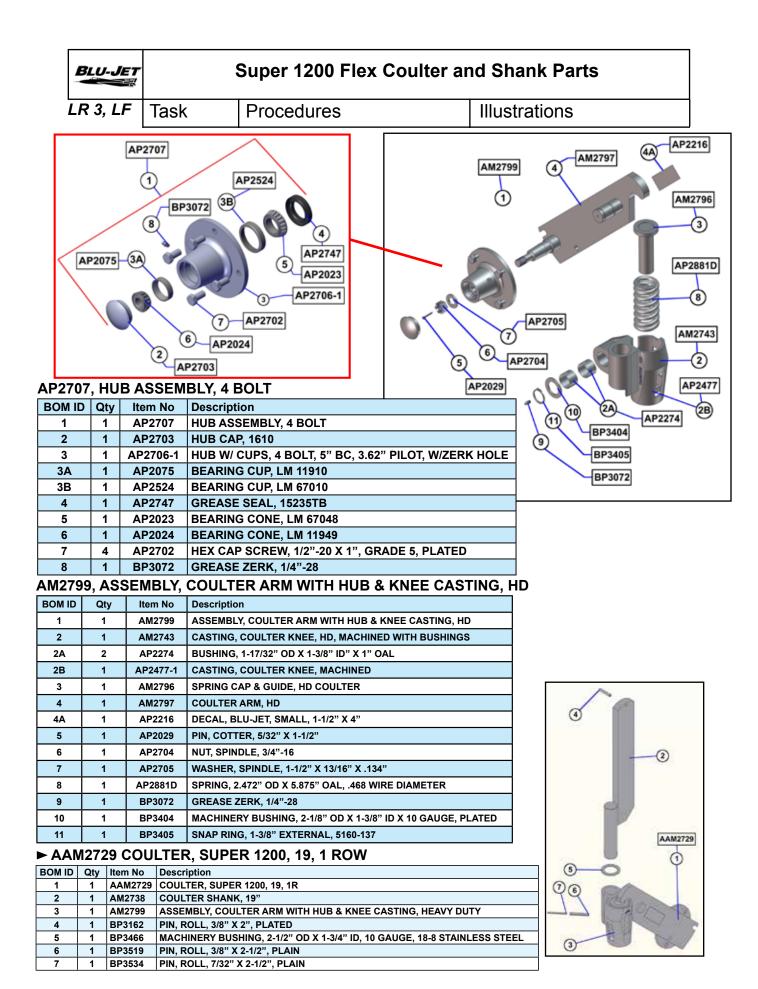
BOM ID	Qty	Item No	Description
1	1	27210924	HYD, 41', LR III, 4" 180* FOLD
2	1	AM3351	BRACKET, CYL LUG, 4" CYL, LR/LW 180° FOLD
3	2	DP4248	CYLINDER, HYD, 4 X 24, 3000 PSI, B400240ABACB07E
4	2	DP4375	CYLINDER, HYD, 4 X 20, 3000 PSI, B400200ABACB07E
5	2	BP3570	TENSION BUSHING, 1-1/2" X 1" X 1" OAL
6	1	DP4004	TEE, 6MJ-6MJ-6MJ
7	4	DP4181	TEE, BRANCH, 8MSAE X 6MJ-6MJ, 6803-6-6-8
8	4	DP4301	ADAPTER, 6MJ-8MSAE, 90*
9	2	DP4383	COUPLER, PIONEER, 8MQBA-8FSAE
10	3	DP4394	ADAPTER, 8MSAE-6MJIC, 6400-6-8
11	1	DP5019	HOSE, HYD, 1/4 X 90 (7'6"), 6FJX-6FJX
12	2	DP5038	HOSE, HYD, 1/4 X 108 (9'0"), 6FJX-6FJX
13	1	DP5055	HOSE, HYD, 1/4 X 66 (5'6"), 6FJX-6FJX
14	4	DP5072	HOSE, HYD, 1/4 X 120 (10'0"), 6FJX-6FJX
15	1	DP5073	HOSE, HYD, 1/4 X 78 (6'6"), 6FJX-6FJX
16	8	BP3038	NUT, HEX, 5/8"-11, GRD 2
17	8	BP3039	WASHER, LOCK, 5/8", PLTD
18	8	BP3171	HEX CAP SCREW, 5/8"-11 X 2", GRD 5, PLTD

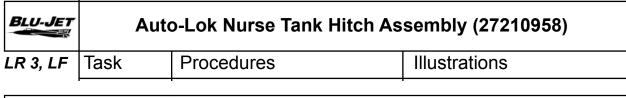


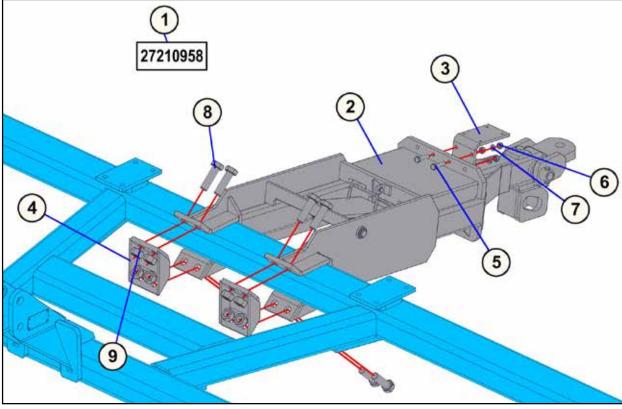




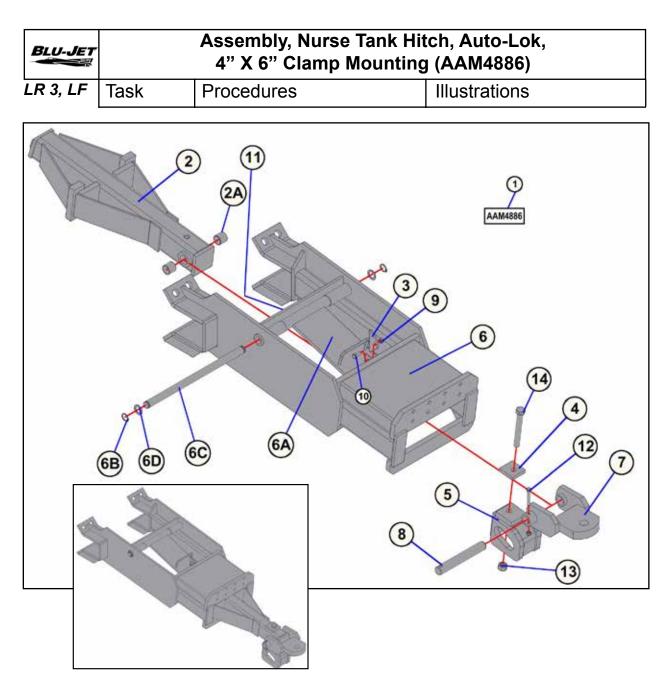
BOM ID	Qty	Item No	Description
1	1	AAM4798	BRACKET, FLATBACK COULTER MOUNTING, 4" X 6"
2	1	AM4772	BRACKET, FLATBACK, 4" X 6", CENTERED
3	4	BP3038	NUT, HEX, 5/8"-11, GRADE 2
4	4	BP3039	WASHER, LOCK, 5/8", PLATED
5	2	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
6	2	BP3043	WASHER, LOCK, 1/2", PLATED
7	2	BP3229	BOLT, CARRIAGE, 1/2"-13 X 2-1/2", GRADE 5, PLATED
8	2	BP3331	U-BOLT, 5/8"-11 X 4" X 7-3/4", PLATED





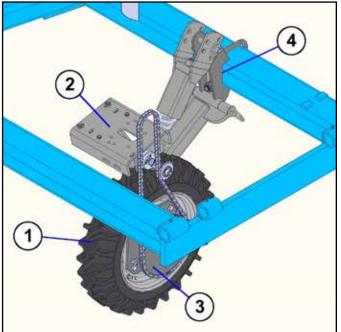


BOM ID	Qty	Item No	Description
1	1	27210958	NURSE TANK HITCH, AUTOLOK, 4" X 6" MOUNTING
2	1	AAM4886	ASSEMBLY, NURSE TANK HITCH, AUTO-LOK, 4" X 6" CLAMP MOUNTING
3	1	AM6193	SUPERSHOOTER MOUNTING, NURSE TANK HITCH, LOW PROFILE
4	2	AM6232	BRACKET, MOUNTING CLAMP
5	4	BP3041	HEX CAP SCREW, 1/2"-13 X 2", GRADE 5, PLATED
6	4	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
7	4	BP3043	WASHER, LOCK, 1/2", PLATED
8	8	BP3263	HEX CAP SCREW, 1"-8 X 3-1/2", GRADE 8, PLATED
9	8	BP3223	NUT, TOP LOCK, 1"-8, GRADE C, PLATED

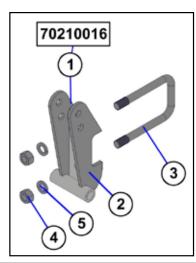


BOM ID	Qty	Item No	Description
1	1	AAM4886	ASSEMBLY, NURSE TANK HITCH, AUTO-LOK, 4" X 6" CLAMP MOUNTING
2	1	AM4533	HITCH, SWING SLIDE INSERT, STANDARD
2A	2	AP2156	BUSHING, 1-13/32" OD X 1-1/4" ID X 1-1/4" OAL
3	1	AM4539	SAFETY LATCH
4	1	AM4540	BACKING PLATE, SAFETY CHAIN LOOP
5	1	AM6230	BRACKET, SAFETY CHAIN ATTACHMENT
6	1	AM6231	HITCH, NURSE TANK, MAIN FRAME, STANDARD, CLAMP MOUNTING
6A	1	AM4536	INSERT LATCH, NURSE TANK HITCH
6B	2	AP2407	SNAP RING, 1" EXTERNAL, HEAVY DUTY
6C	1	BM3667	PIN, 1" X 18-1/8"
6D	2	BP3215	MACHINERY BUSHING, 1-1/2" OD X 1" ID, 14 GAUGE, PLATED
7	1	AM6233	FLIPPER HITCH, STANDARD, NURSE TANK HITCH
8	1	BM3665	PIN, 1-1/4" X 8-13/16" OAL, WITH 13/32" HOLE, PLATED
9	2	BP3003	NUT, HEX LOCK, 3/8"-16, GRADE 2, PLATED
10	1	BP3006	HEX CAP SCREW, 3/8"-16 X 1", GRADE 5, PLATED
11	1	BP3072	GREASE ZERK, 1/4"-28
12	1	BP3096	HEX CAP SCREW, 3/8"-16 X 2-1/2", GRADE 5, PLATED
13	1	BP3442	NUT, HEX LOCK, 3/4"-10, TOP LOCK, GRADE C, PLATED
14	1	BP3449	HEX CAP SCREW, 3/4"-10 X 6", GRADE 8, PLATED

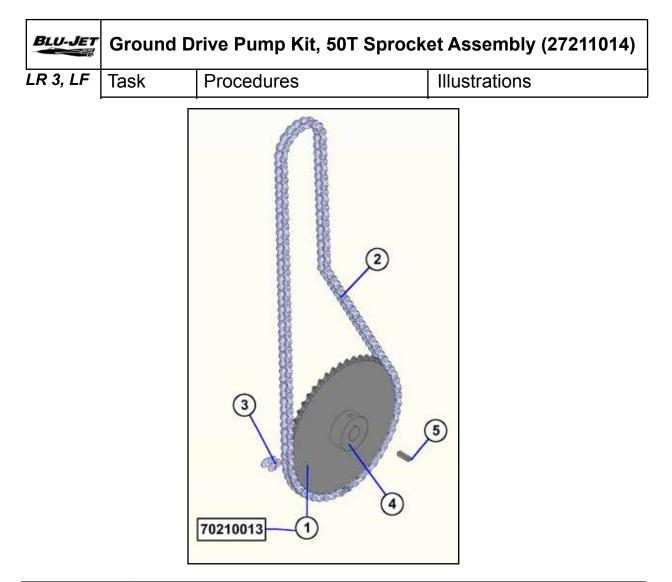
BLU-JET	Ground Drive Pump Kit, 50T Sprocket Assembly (27211014)		
LR 3, LF	Task	Procedures	Illustrations



BOM ID	Qty	Item No	Description
1	1	27211014	GROUND DRIVE PUMP KIT, 50T SPROCKET
2	1	70210012	GROUND DRIVE BASE UNIT ASSEMBLY
3	1	70210013	50 TOOTH STANDARD RATE PISTON PUMP DRIVE KIT
4	1	70210016	4" X 6" TOOLBAR MOUNTING, GROUND DRIVE WHEEL

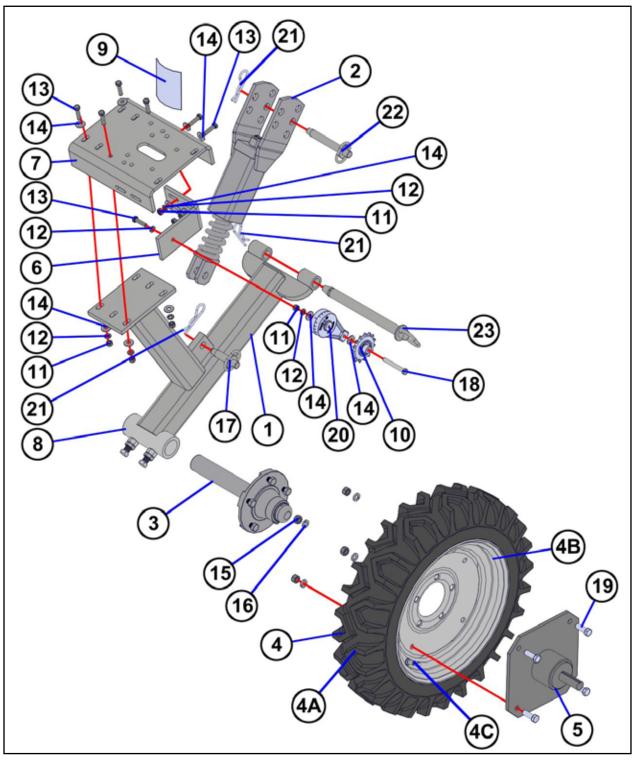


BOM ID	Qty	Item No	Description
1	1	70210016	4" X 6" TOOLBAR MOUNTING, GROUND DRIVE WHEEL
2	1	AM2182	BRACKET, MOUNTING, 4"
3	1	BP3337	U-BOLT, 7/8" - 9" X 4"W X 7-3/4"L
4	2	BP3338	NUT, HEX, 7/8"-9, GRADE 2, PLATED
5	2	BP3339	WASHER, LOCK, 7/8", PLATED



BOM ID	Qty	Item No	Description	
1	1	70210013	50 TOOTH STD RATE PISTON PUMP DRIVE KIT	
2	1	AP2110	CHAIN, ROLLER, SS, #50, 130 PITCH	
3	1	AP2112	#50 STAINLESS CONNECTOR	
4	1	AP2604	SPROCKET, 5050 X, W/ HUB, 1" RND BORE, 1/4" KEYWAY	
5	1	BM3527	1/4" X 1/4" X 1" KEY	

BLU-JET	Ground Drive Base Unit Assembly (70210012)			
LR 3, LF	Task	Procedures	Illustrations	

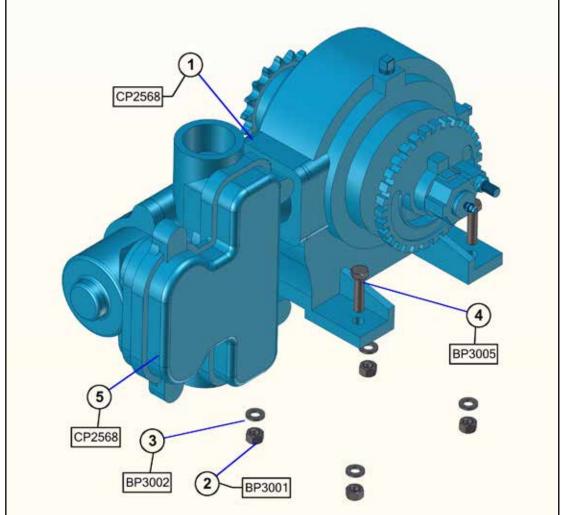


BLU-JET
1000

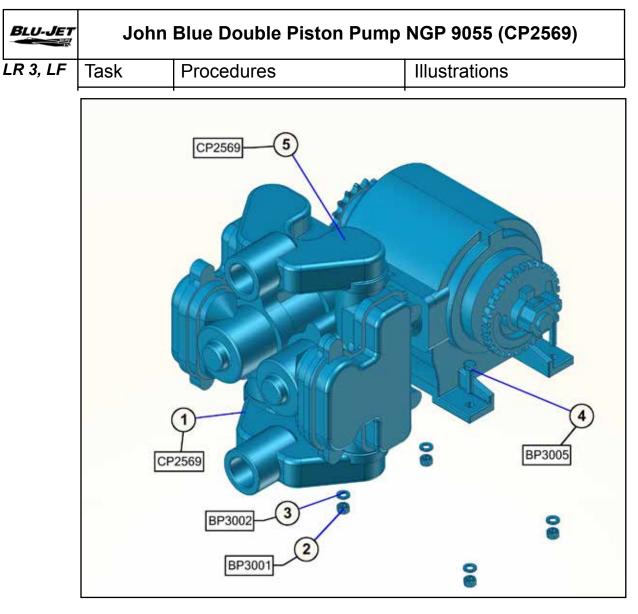
Ground Drive Base Unit Assembly (70210012)

Ļ		-		_		
L	LR 3, LF Task Pr		Ρ	rocedures	Illustrations	
ſ	BOM ID	Otv	/ Item No		Description	
	1	U ly 1	70210012		•	
	-	-			GROUND DRIVE BASE UNIT ASSEMBLY	
	2	1	AAM2089		ASSEMBLY, SPRING ADJUSTER, GROUND DRIVE WHEEL	
	3	1	AAM2707		ASSEMBLY, HUB & SPINDLE, 511 HUB, 1-3/4" X 13"	
	4	1	AAM275	0	WHEEL 5.00-15.4, 4 PLY 15 X	, ,
	4A	1	AP2002		TIRE, 5.00-15, 4 PLY SURE GI	
	4B	1	AP2250		RIM, 15 X 5 X 5, WHITE W/ FC	OUR EXTRA HOLES
	4C	1	AP2790		VALVE STEM, METAL	
	5	1	AM2021		GDW ADAPTER PLATE & HU	В
	6	1	AM2165		BRACKET, ROTARY TENSION ARM MOUNTING	
	7	1	AM2180		UNIVERSAL PUMP MOUNTING PLATE	
	8	1	AM2181		GROUND DRIVE WHEEL FRAME	
	9	1	AP2209		DECAL, CAUTION GROUND DRIVE WHEEL,	
	10	1	AP2382		SPROCKET, IDLER, 15T #50 CHAIN, W/ CLEVIS ADAPTER	
	11	7	BP3001		NUT, HEX, 3/8"-16, GRADE 2,	PLATED
	12	8	BP3002		WASHER, LOCK, 3/8", PLATE	D
	13	7	BP3005		HEX CAP SCREW, 3/8"-16 X 1	I-1/2", GRADE 5, PLATED
	14	12	BP3015		WASHER, FLAT, 3/8", PLATEI	
	15	4	BP3042		NUT, HEX, 1/2"-13, GRADE 2,	PLATED
	16	4	BP3043		WASHER, LOCK, 1/2", PLATE	D
	17	1	BP3070		PIN, HITCH, 3/4" X 2"	
	18	1	BP3116		HEX CAP SCREW, 3/8"-16 X 3	3", GRADE 5 PLATED
	19	4	BP3126		HEX CAP SCREW, 1/2"-13 X 1	I-1/2", GRADE 5 PLATED
	20	1	BP3239		TENSIONER, RT1002	
	21	3	BP3500		PIN, HAIR CLIP, 3/16"	
	22	1	BP3502		PIN, HITCH, 3/4" X 4-1/2"	
	23	1	BP3510		PIN, HITCH, 1" X 10", PLATE	

BLU-JET	John Blue Single Piston Pump NGP 7055 (CP2568)				
LR 3, LF	Task	Procedures	Illustrations		



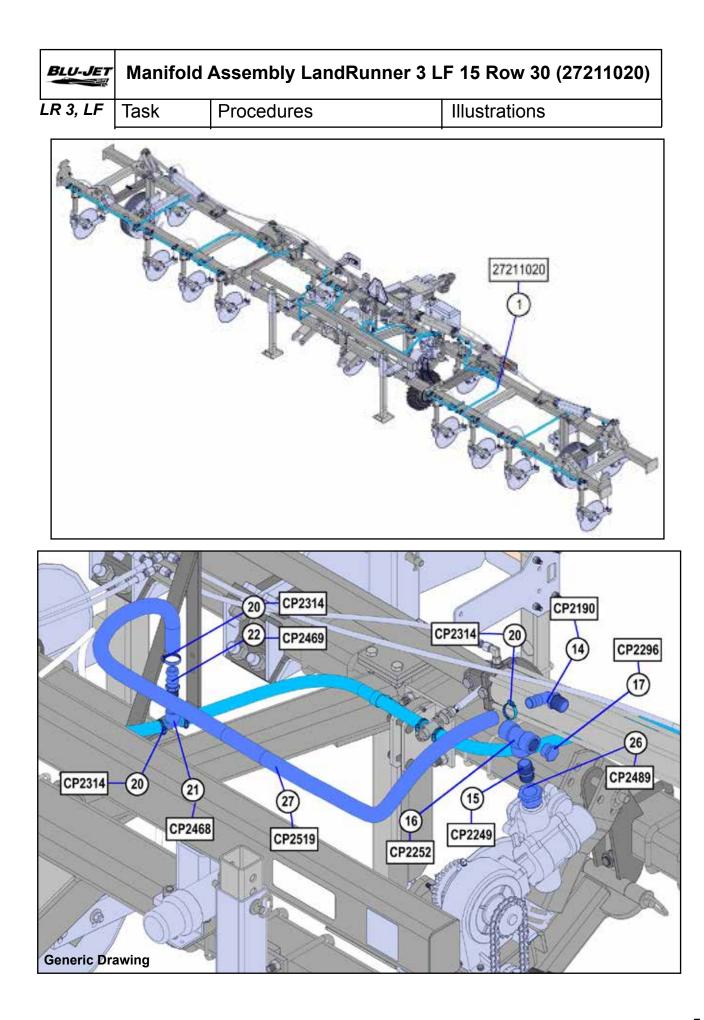
BOM ID	Qty	Item No	Description	
1	1	CP2568	PUMP, SINGLE PISTON, NGP-7055, 34.2 GALLON	
2	4	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED	
3	4	BP3002	WASHER, LOCK, 3/8", PLATED	
4	4	BP3005	HEX CAP SCREW, 3/8"-16 X 1-1/2", GRADE 5, PLATED	
5	1	CP2568	PUMP, SINGLE PISTON, NGP-7055, 34.2 GALLON	

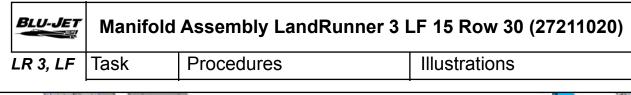


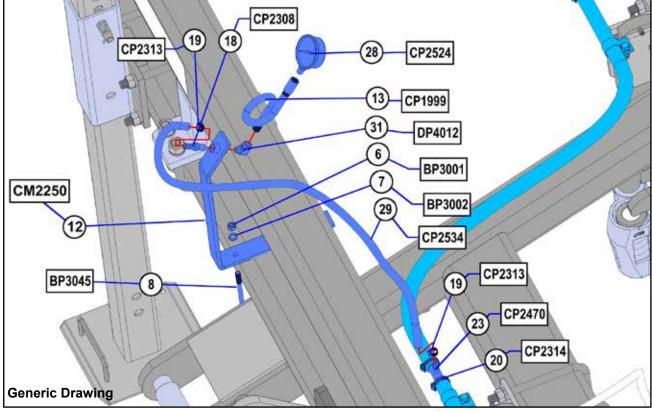
BOM ID	Qty	Item No	Description
1	1	CP2569	PUMP, TWIN PISTON, NGP-9055, 68.4 GALLON
2	4	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
3	4	BP3002	WASHER, LOCK, 3/8", PLATED
4	4	BP3005	HEX CAP SCREW, 3/8"-16 X 1-1/2", GRADE 5, PLATED
5	1	CP2569	PUMP, TWIN PISTON, NGP-9055, 68.4 GALLON

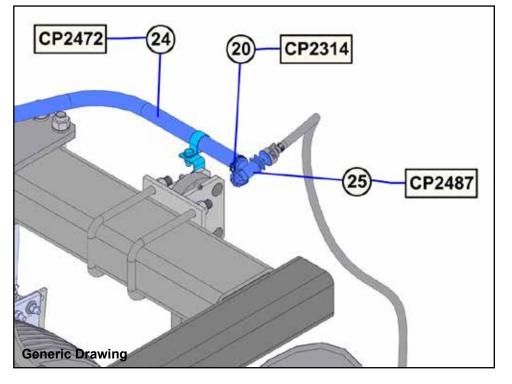
BLU-JET	Manifold Assembly LandRunner 3 LF 15 Row 30 (27211020)				
LR 3, LF	Task	Procedures	Illustrations		

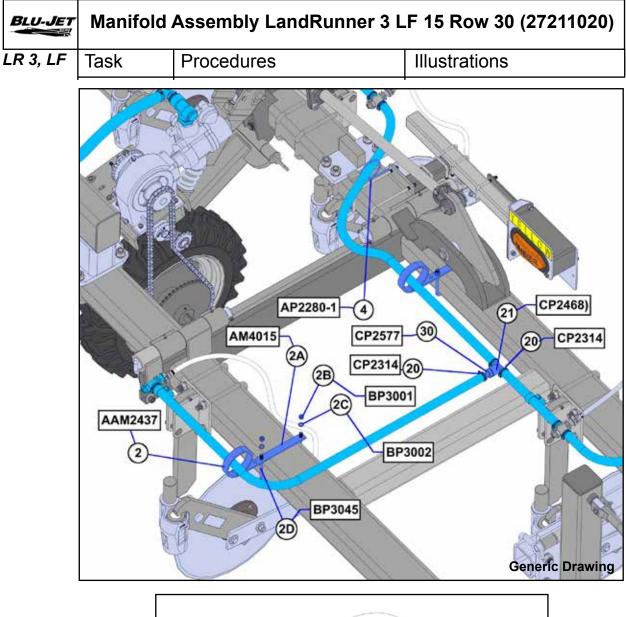
BOM ID	Qty	Item No	Description		
1	1	27211020	MANIFOLD ASSEMBLY, LANDRUNNER 3, LF, 15 ROW		
2	4	AAM2437	HOSE RETAINER ASSEMBLY, CLOSED LOOP, 4" X 6" TUBE		
2A	4	AM4015	HOSE RETAINER, CLOSED LOOP, 6" & 7" MOUNTING		
2B	8	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED		
2C	8	BP3002	WASHER, LOCK, 3/8", PLATED		
2D	4	BP3045	U-BOLT, 3/8"-16 X 6"W X 5"L, PLATED		
3	15	AM3628	BRACKET, MOUNTING, LIQUID TRUNK LINE		
4	2	AP2280-1	HOSE RETAINER, 6" X 4", WITH PLASTIC CAPS		
5	15	AP3809	1-1/4" HOSE SUPPORT CLAMP, 3/8" BOLT		
6	2	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED		
7	2	BP3002	WASHER, LOCK, 3/8", PLATED		
8	1	BP3045	U-BOLT, 3/8"-16 X 6"W X 5"L, PLATED		
9	15	BP3450	NUT, HEX, 3/8"-16, F594 GR 1 CW		
10	15	BP3451	WASHER, LOCK, 3/8", 18-8 STAINLESS STEEL		
11	15	BP3453	HEX CAP SCREW, 3/8"-16 X 1", F593 GR 1 CW		
12	1	CM2250	GAUGE HOLDER, FRAME MOUNTING		
13	1	CP1999	GAUGE PROTECTOR, PIGTAIL		
14	1	CP2190	ELBOW, 90°, 1"MP X 1"HB, POLY		
15	1	CP2249	NIPPLE, CLOSE, 1" POLY		
16	1	CP2252	TEE, 1" FP, POLY		
17	1	CP2296	PLUG, 1" PIPE, POLY		
18	1	CP2308	HOSE BARB		
19	2	CP2313	HOSE CLAMP, WORM GEAR, 1/4" - 5/8" TUBING, STAINLESS STEEL		
20	40	CP2314	HOSE CLAMP, WORM GEAR, 1/2" - 1" TUBING, STAINLESS STEEL		
21	5	CP2468	TEE, 3/4"FP X 3/4"HB X 3/4"HB, POLY TTF121212PP		
22	1	CP2469	HOSE BARB, 3/4"MP X 1"HB, POLY, TA101216PP		
23	1	CP2470	TEE, 3/8"HB X 3/4"HB X 3/4"HB, NYLON, TT961212		
24	1	CP2472	HOSE, EPDM RUBBER, 3/4", 200#		
25	6	CP2487	DIAPHRAGM CHECK VALVE, SINGLE SHANK, 3/4" HOSE		
26	1	CP2489	REDUCER BUSHING 1-1/2"MP X 1"FP, POLY		
27	1	CP2519	HOSE, EPDM RUBBER, 1", 200		
28	1	CP2524	GAUGE, 0-160 PSI, GLYCERIN FILLED		
29	1	CP2534	HOSE, EVA,N 3/8" BRAID JET STREAM		
30	4	CP2577	HOSE BARB, 3/4"MP X 3/4"HB, POLY		
31	1	DP4012	STREET ELBOW, 4MP-4FP, 90°		

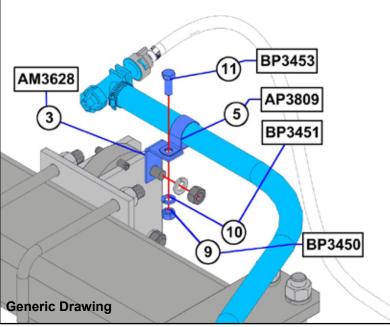






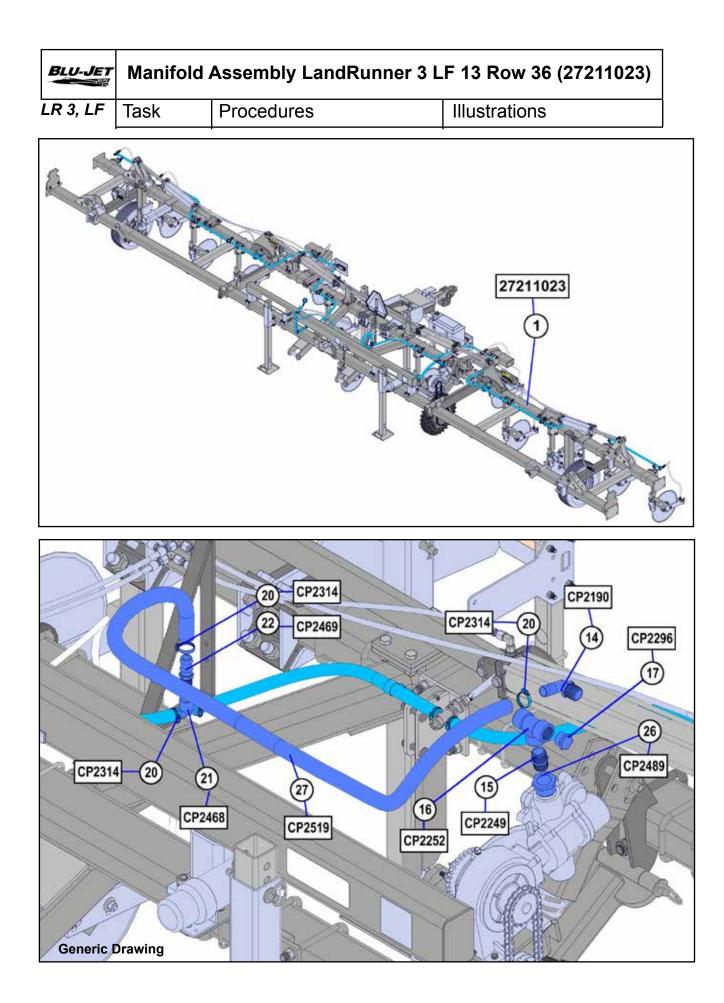


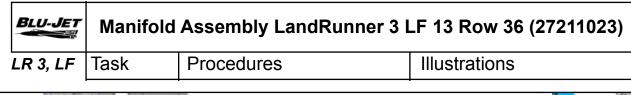


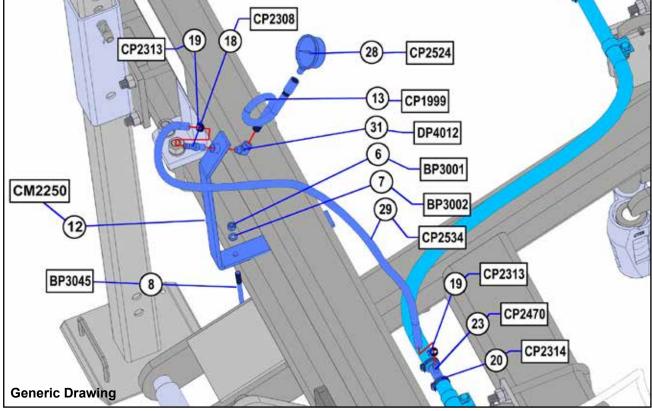


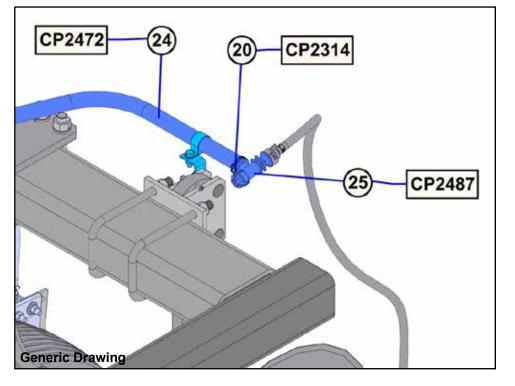
BLU-JET	Manifold Assembly LandRunner 3 LF 13 Row 36 (27211023)			
LR 3, LF	Task	Procedures	Illustrations	

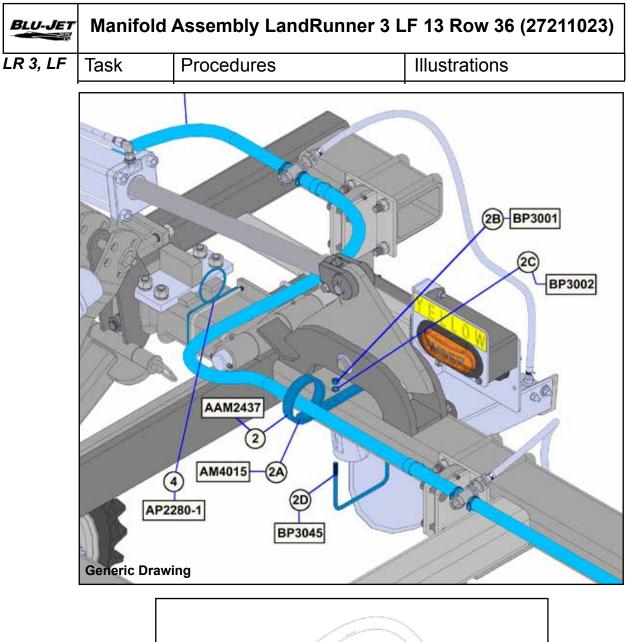
BOM ID	Qty	Item No	Description		
1	1	27211023	MANIFOLD ASSEMBLY, LANDRUNNER 3, LF, 13R36		
2	2	AAM2437	HOSE RETAINER ASSEMBLY, CLOSED LOOP, 4" X 6 TUBE		
2A	2	AM4015	HOSE RETAINER, CLOSED LOOP, 6" & 7" MOUNTING		
2B	4	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED		
2C	4	BP3002	WASHER, LOCK, 3/8", PLATED		
2D	2	BP3045	U-BOLT, 3/8"-16 X 6"W X 5"L, PLATED		
3	13	AM3628	BRACKET, MOUNTING, LIQUID TRUNK LINE		
4	2	AP2280-1	HOSE RETAINER, 6" X 4", W/PLASTIC CAPS		
5	13	AP3809	1-1/4" HOSE SUPPORT CLAMP, 3/8" BOLT		
6	2	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED		
7	2	BP3002	WASHER, LOCK, 3/8", PLATED		
8	1	BP3045	U-BOLT, 3/8"-16 X 6"W X 5"L, PLATED		
9	13	BP3450	NUT, HEX, 3/8"-16, F594 GR 1 CW		
10	13	BP3451	WASHER, LOCK, 3/8", 18-8 STAINLESS STEEL		
11	13	BP3453	HEX CAP SCREW, 3/8"-16 X 1", F593 GR 1 CW		
12	1	CM2250	GAUGE HOLDER, FRAME MOUNTING		
13	1	CP1999	GAUGE PROTECTOR, PIGTAIL		
14	1	CP2190	ELBOW, 90°, 1"MP X 1"HB, POLY		
15	1	CP2249	NIPPLE, CLOSE, 1" POLY		
16	1	CP2252	TEE, 1" FP, POLY		
17	1	CP2296	PLUG, 1" PIPE, POLY		
18	1	CP2308	HOSE BARB		
19	2	CP2313	HOSE CLAMP, WORM GEAR, 1/4" - 5/8" TUBING, STAINLESS STEEL		
20	28	CP2314	HOSE CLAMP, WORM GEAR, 1/2" - 1" TUBING, STAINLESS STEEL		
21	1	CP2468	TEE, 3/4"FP X 3/4"HB X 3/4"HB, POLY TTF121212PP		
22	1	CP2469	HOSE BARB, 3/4"MP X 1"HB, POLY, TA101216PP		
23	1	CP2470	TEE, 3/8"HB X 3/4"HB X 3/4"HB, NYLON, TT961212		
24	1	CP2472	HOSE, EPDM RUBBER, 3/4", 200#		
25	2	CP2487	DIAPHRAM CHECK VALVE, SINGLE SHANK, 3/4"HOSE		
26	1	CP2489	REDUCER BUSHING 1-1/2"MP X 1"FP, POLY		
27	1	CP2519	HOSE, EPDM RUBBER, 1", 200		
28	1	CP2524	GAUGE, 0-160 PSI, GLYCERIN FILLED		
29	1	CP2534	HOSE, EVA,N 3/8" BRAID JET STREAM		
30	1	DP4012	STREET ELBOW, 4MP-4FP, 90°		

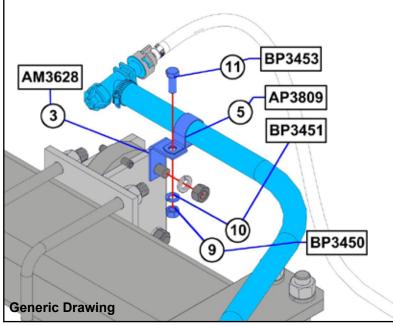


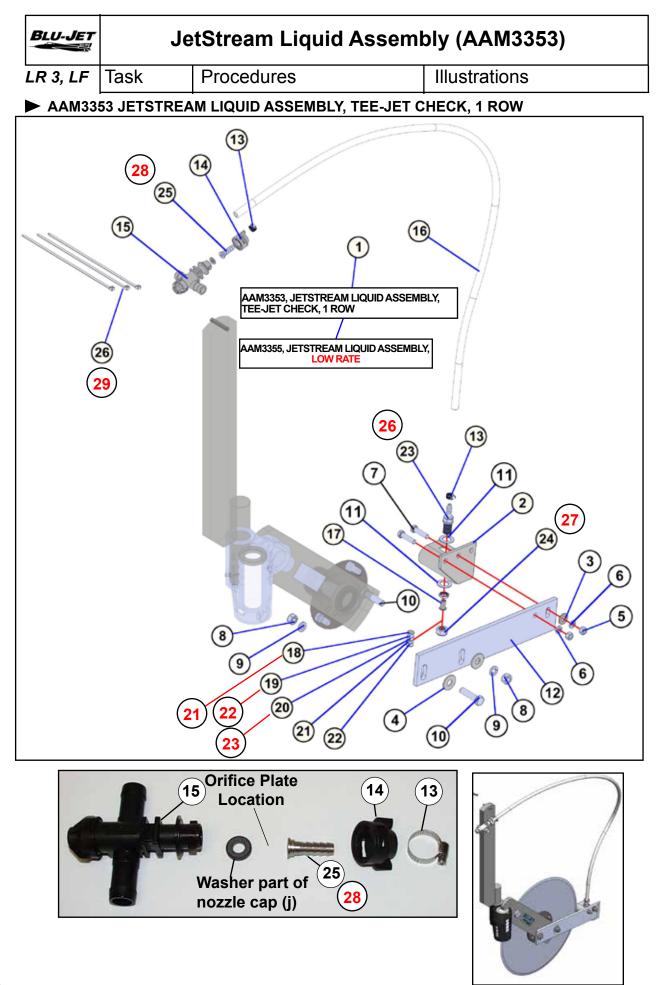




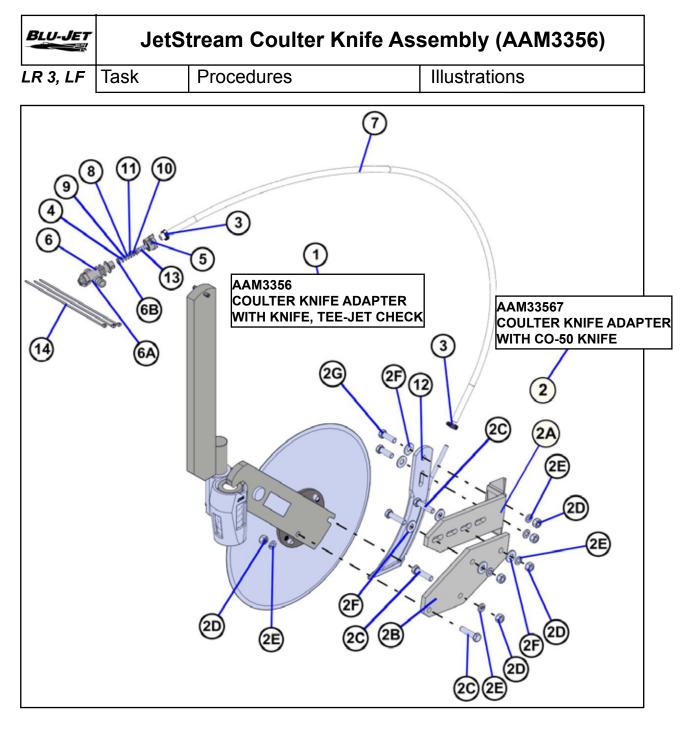








LU-JET		JetStream Liquid Assembly (AAM3353) JetStream Liquid Assembly Low Rate (AAM33							
	Tas	sk				ires	Illustrations		
		► AAM33		353	353 JetStream Liquid Assembly, Tee-Jet Check, 1 Row				
	ļ	BOM ID Qty				scription			
	-	1	1	AAM			EMBLY TEE-JET CHECK, 1 ROW		
	ŀ	2 1 3 1 4 2		AM30 BP30		ASHER, FLAT, 3/8", PLA	REAM, AT3000/ AT4000/ AT4600		
	ŀ			BP30		ASHER, FLAT, 1/2", PLA			
		5	2	BP34		IT, HEX, 3/8"-16, F594 G			
		6	2	BP34	151	ASHER, LOCK, 3/8", 18-	-8 STAINLESS STEEL		
		7	2	BP34			6 X 1-1/2", F593 GRADE 1		
	ŀ	8 9	2	BP34 BP34		JT, HEX, 1/2"-13, F594 0 ASHER, LOCK, 1/2", 18			
	ŀ	10	2	BP34		X CAP SCREW, 1/2"-13			
		11	2	BP34		,	2" OD, 0.078", 18-8 STAINLESS STEEL		
	ĺ	12	1	CM2	305	T STREAM MOUNTING	ARM		
	•	13	2	CP23		-	AR, 1/4" - 5/8" TUBING, STAINLESS STEEL		
	ŀ	14 15	1	CP24 CP24		DZZLE CAP, 25608-1-NY			
	ŀ	15	1	CP24		DSE, EVA, N 3/8" BRAID	LVE, DOUBLE SHANK, 3/4 HOSE		
	ŀ	17	1	CP25			AINLESS STEEL JET STREAM		
	ľ	18	1	CP25		RIFICE PLATE #4916-63			
	ļ	19	1	CP25		RIFICE PLATE #4916-70			
	-	20	1	CP25		RIFICE PLATE #4916-78			
	ł	21 22	1	CP25 CP25		RIFICE PLATE #4916-86 RIFICE PLATE #4916-95			
	ŀ	23	1	CP25			IT WITH NUT, 3/8" HOSE, STAINLESS STEEL		
		24	1	CP25					
						OZZLE CAP, STAINLESS	SSIEEL		
		25	1	CP50	046	OSE BARB INSERT, 3/8'	", STAINLESS STEEL		
		26	3	DP40)46)86	OSE BARB INSERT, 3/8' ABLE TIE 11-3/8" STANI	", STAINLESS STEEL DARD		
		26	3	DP40)46)86	OSE BARB INSERT, 3/8' ABLE TIE 11-3/8" STANI	", STAINLESS STEEL		
	ľ	26	3 AM3	DP40 3355 Qty	046 086 Jet Item	DEE BARB INSERT, 3/8' VBLE TIE 11-3/8'' STANI ream Liquid As Description	", STAINLESS STEEL DARD Ssembly, Low Rate, 1 Row		
	ł	26 A BOM 1	3 AM3	DP40 3355 Qty 1	Jets Jets Item	DE BARB INSERT, 3/8' BLE TIE 11-3/8'' STAN ream Liquid As Description 55 JETSTREAM LIQUI	", STAINLESS STEEL DARD SSEMBLY, LOW RATE D ASSEMBLY, LOW RATE		
	ľ	26 A BOM 1 2	3 AM3	DP40 3355 Qty 1 1	J46 D86 Jets Item AAM AM3	DE BARB INSERT, 3/8' BLE TIE 11-3/8'' STAN ream Liquid As Description 5 JETSTREAM LIQUI 7 NOZZLE MOUNT, JI	", STAINLESS STEEL DARD SSEMBLY, LOW RATE D ASSEMBLY, LOW RATE ETSTREAM		
	ŀ	26 A BOM 1 2 3	3 AM3	DP40 3355 Qty 1 1 2	046 086 Jet Item AAM BP3	DEBARB INSERT, 3/8" SBLE TIE 11-3/8" STANI ream Liquid As Description 5 JETSTREAM LIQUI 7 NOZZLE MOUNT, JI 5 WASHER, FLAT, 3/8	", STAINLESS STEEL DARD SSEMBLY, LOW RATE, 1 ROW D ASSEMBLY, LOW RATE ETSTREAM 3", PLATED		
	ļ	26 A BOM 1 2	3 AM3	DP40 3355 Qty 1 1	J46 D86 Jets Item AAM AM3	DESE BARB INSERT, 3/8' ABLE TIE 11-3/8'' STANI ream Liquid As Description 5 JETSTREAM LIQUI 7 NOZZLE MOUNT, JI 5 WASHER, FLAT, 3/8 0 WASHER, FLAT, 3/8	", STAINLESS STEEL DARD SSEMBLY, LOW RATE, 1 ROW D ASSEMBLY, LOW RATE ETSTREAM 3", PLATED 3", PLATED		
	ļ	26 BOM 1 2 3 4	3 AM3	DP40 3355 Qty 1 1 2 2	046 086 Jets Item AAM BP3 BP3	ABLE TIE 11-3/8" STANI ABLE TIE 11-3/8" STANI ream Liquid As Description 5 JETSTREAM LIQUI 7 NOZZLE MOUNT, JI 5 WASHER, FLAT, 3/8 0 WASHER, FLAT, 3/8 0 NUT, HEX, 3/8"-16,	", STAINLESS STEEL DARD SSEMBLY, LOW RATE, 1 ROW D ASSEMBLY, LOW RATE ETSTREAM 3", PLATED 3", PLATED		
	ŀ	26 BOM 1 2 3 4 5		DP40 3355 Qty 1 1 2 2 2 2	046 086 Jets Item AAM BP3 BP3 BP3	DESE BARB INSERT, 3/8" NBLE TIE 11-3/8" STANI TREAM LIQUID AS Description 5 JETSTREAM LIQUID 7 NOZZLE MOUNT, JI 5 WASHER, FLAT, 3/8 0 NUT, HEX, 3/8"-16, 1 WASHER, LOCK, 3/8 1 WASHER, 2 WASHER,	", STAINLESS STEEL DARD Seembly, Low Rate, 1 Row D ASSEMBLY, LOW RATE ETSTREAM 3", PLATED 5594 GRADE 1		
	ŀ	26 A		DP40 3355 Qty 1 1 2 2 2 2 2	AAM AAM BP3 BP3 BP3 BP3 BP3	DESE BARB INSERT, 3/8" BLE TIE 11-3/8" STANI ream Liquid As Description 5 JETSTREAM LIQUI 7 NOZZLE MOUNT, JU 5 WASHER, FLAT, 3/8 0 WASHER, FLAT, 3/8 0 NUT, HEX, 3/8"-16, 1 WASHER, LOCK, 3/4 HEX CAP SCREW,	", STAINLESS STEEL DARD SSEMBLY, LOW RATE, 1 ROW D ASSEMBLY, LOW RATE ETSTREAM 3", PLATED 5794 GRADE 1 /8", 18-8 STAINLESS STEEL 3/8"-16 X 1-1/2", F593 GRADE 1		
	ľ	26 BOM 1 2 3 4 5 6 7		DP40 3355 Qty 1 1 2 2 2 2 2 2 2 2	AAM AAM BP3 BP3 BP3 BP3 BP3 BP3	DESE BARB INSERT, 3/8" BLE TIE 11-3/8" STANI ream Liquid As Description Description DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRI	", STAINLESS STEEL DARD SSEMBLY, LOW RATE, 1 ROW D ASSEMBLY, LOW RATE ETSTREAM 3", PLATED 5794 GRADE 1 /8", 18-8 STAINLESS STEEL 3/8"-16 X 1-1/2", F593 GRADE 1		
		26 A BOM 1 2 3 4 5 6 7 8		DP40 3355 Qty 1 1 2 2 2 2 2 2 2 2 2 2 2	AAM AAM AAM BP3 BP3 BP3 BP3 BP3 BP3 BP3	DEBARB INSERT, 3/8" BLE TIE 11-3/8" STAN TREAM LIQUID AS Description Description DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTI	", STAINLESS STEEL DARD SSEMBLY, LOW RATE, 1 ROW D ASSEMBLY, LOW RATE ETSTREAM 3", PLATED 5594 GRADE 1 18", 18-8 STAINLESS STEEL 3/8"-16 X 1-1/2", F593 GRADE 1 F594 GRADE 1		
	ł	26 BOM 1 2 3 4 5 6 7 8 9 10 11		DP40 3355 Qty 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AAM AAM AAM BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3	DESE BARB INSERT, 3/8" BLE TIE 11-3/8" STANI ream Liquid As Description 5 JETSTREAM LIQUI 7 NOZZLE MOUNT, JI 5 WASHER, FLAT, 3/8 0 WASHER, FLAT, 3/8 0 NUT, HEX, 3/8"-16, 1 WASHER, LOCK, 3/ 4 HEX CAP SCREW, 5 NUT, HEX, 1/2"-13, 5 WASHER, LOCK, 1/ 9 HEX CAP SCREW, 1 WASHER, FLAT, 5/8	", STAINLESS STEEL DARD SSEMBLY, LOW RATE, 1 ROW D ASSEMBLY, LOW RATE ETSTREAM 3", PLATED F594 GRADE 1 /8", 18-8 STAINLESS STEEL 3/8"-16 X 1-1/2", F593 GRADE 1 F594 GRADE 1 /2", 18-8 STAINLESS STEEL 1/2"-13 X 2", F593 GRADE 1 3"X 1-1/2" OD X 0.078", 18-8 STAINLESS STEEL		
	ł	26 BOM 1 2 3 4 5 6 7 8 9 100 111 122		DP40 3355 Qty 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AAM AAM BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3	DESE BARB INSERT, 3/8" SBLE TIE 11-3/8" STANI TREAT LIQUID AS Description Description DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCR	", STAINLESS STEEL DARD SSEMBLY, LOW RATE, 1 ROW D ASSEMBLY, LOW RATE ETSTREAM 3", PLATED 5594 GRADE 1 /8", 18-8 STAINLESS STEEL 3/8"-16 X 1-1/2", F593 GRADE 1 F594 GRADE 1 /2", 18-8 STAINLESS STEEL 1/2"-13 X 2", F593 GRADE 1 3"X 1-1/2" OD X 0.078", 18-8 STAINLESS STEEL NTING ARM		
		26 BOM 1 2 3 4 5 6 7 8 9 10 11 12 13 13	3 AM3 ID	DP40 3355 Qty 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AAM AAM BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3	DESE BARB INSERT, 3/8" BLE TIE 11-3/8" STANI TREAM LIQUID AS Description 5 JETSTREAM LIQUI 7 NOZZLE MOUNT, JU 5 WASHER, FLAT, 3/8 0 WASHER, FLAT, 3/8 0 NUT, HEX, 3/8"-16, 1 WASHER, LOCK, 3/ 4 HEX CAP SCREW, 3 5 NUT, HEX, 1/2"-13, 5 WASHER, LOCK, 1/ 9 HEX CAP SCREW, 1 WASHER, LOCK, 1/ 9 HEX CAP SCREW, 1 WASHER, FLAT, 5/8 5 JET STREAM MOUND 8 HOSE CLAMP, 1/4"	", STAINLESS STEEL DARD SSEMBLY, LOW RATE, 1 ROW D ASSEMBLY, LOW RATE ETSTREAM 3", PLATED 5794 GRADE 1 (8", 18-8 STAINLESS STEEL 3)8"-16 X 1-1/2", F593 GRADE 1 F594 GRADE 1 (2", 18-8 STAINLESS STEEL 1/2"-13 X 2", F593 GRADE 1 3"X 1-1/2" OD X 0.078", 18-8 STAINLESS STEEL NTING ARM - 5/8" TUBING, STAINLESS STEEL		
		26 BOM 1 2 3 4 5 6 7 8 9 10 11 12 13 14 14	3 AM3 ID	DP40 3355 Qty 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AAM AAM BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3	DESE BARB INSERT, 3/8" BLE TIE 11-3/8" STANI ream Liquid As Description 5 JETSTREAM LIQUI 7 NOZZLE MOUNT, JI 5 WASHER, FLAT, 3/8 0 WASHER, FLAT, 3/8 0 NUT, HEX, 3/8"-16, 1 WASHER, LOCK, 3/ 4 HEX CAP SCREW, 3 5 NUT, HEX, 1/2"-13, 5 WASHER, LOCK, 1/ 9 HEX CAP SCREW, 1 1 WASHER, LOCK, 1/ 9 HEX CAP SCREW, 3 1 WASHER, LOCK, 1/ 9 HEX CAP SCREW, 3 1 WASHER, LOCK, 1/ 9 HEX CAP SCREW, 3 1 WASHER, FLAT, 5/8 5 JET STREAM MOUL 8 HOSE CLAMP, 1/4"	", STAINLESS STEEL DARD SSEMBLY, LOW RATE, 1 ROW D ASSEMBLY, LOW RATE ETSTREAM 3", PLATED 5594 GRADE 1 (8", 18-8 STAINLESS STEEL 3/8"-16 X 1-1/2", F593 GRADE 1 F594 GRADE 1 (2", 18-8 STAINLESS STEEL 1/2"-13 X 2", F593 GRADE 1 3"X 1-1/2" OD X 0.078", 18-8 STAINLESS STEEL NTING ARM - 5/8" TUBING, STAINLESS STEEL 8-1-NYR		
		26 BOM 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 5 6	3 AM3 ID	DP40 3355 Qty 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AAM AAM BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3	DEBARB INSERT, 3/8" BLE TIE 11-3/8" STANI ream Liquid As Description 5 JETSTREAM LIQUI 7 NOZZLE MOUNT, JI 5 WASHER, FLAT, 3/8 0 WASHER, FLAT, 3/8 0 NUT, HEX, 3/8"-16, 1 WASHER, LOCK, 3/ 4 HEX CAP SCREW, 3 5 NUT, HEX, 1/2"-13, 5 WASHER, LOCK, 1/ 9 HEX CAP SCREW, 3 1 WASHER, LOCK, 1/ 9 HEX CAP SCREW, 3 1 WASHER, LOCK, 1/ 9 HEX CAP SCREW, 3 1 WASHER, FLAT, 5/8 5 JET STREAM MOUL 3 HOSE CLAMP, 1/4" 7 NOZZLE CAP, 2560 3 DIAPHRAGM CHEC	", STAINLESS STEEL DARD SSEMBLY, LOW RATE, 1 ROW D ASSEMBLY, LOW RATE ETSTREAM 3", PLATED 5594 GRADE 1 78", 18-8 STAINLESS STEEL 3/8"-16 X 1-1/2", F593 GRADE 1 F594 GRADE 1 72", 18-8 STAINLESS STEEL 1/2", 13 X 2", F593 GRADE 1 3"X 1-1/2" OD X 0.078", 18-8 STAINLESS STEEL NTING ARM - 5/8" TUBING, STAINLESS STEEL 8-1-NYR X VALVE, DOUBLE SHANK, 3/4" HOSE		
		26 BOM 1 2 3 4 5 6 7 8 9 10 11 12 13 14 14	3 AM3 ID	DP40 3355 Qty 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AAM AAM BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3	DEBARB INSERT, 3/8" BLE TIE 11-3/8" STANI ream Liquid As Description 5 JETSTREAM LIQUI 7 NOZZLE MOUNT, JI 5 WASHER, FLAT, 3/8 0 WASHER, FLAT, 3/8 0 WASHER, FLAT, 3/8 0 NUT, HEX, 3/8"-16, 1 WASHER, LOCK, 3/ 4 HEX CAP SCREW, 5 NUT, HEX, 1/2"-13, 6 WASHER, LOCK, 1/ 9 HEX CAP SCREW, 1 WASHER, LOCK, 1/ 9 HEX CAP SCREW, 1 WASHER, FLAT, 5/8 5 JET STREAM MOUL 3 HOSE CLAMP, 1/4". 7 NOZZLE CAP, 2560 3 DIAPHRAGM CHEC 4 HOSE, EVA,N 3/8" E	", STAINLESS STEEL DARD SSEMBLY, LOW RATE, 1 ROW D ASSEMBLY, LOW RATE ETSTREAM 3", PLATED 5594 GRADE 1 (8", 18-8 STAINLESS STEEL 3/8"-16 X 1-1/2", F593 GRADE 1 F594 GRADE 1 (2", 18-8 STAINLESS STEEL 1/2"-13 X 2", F593 GRADE 1 3"X 1-1/2" OD X 0.078", 18-8 STAINLESS STEEL NTING ARM - 5/8" TUBING, STAINLESS STEEL 8-1-NYR		
Orifice		26 BOM 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	3 AM3 ID	DP40 3355 Qty 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AAM AAM AAM BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3	DESE BARB INSERT, 3/8" BLE TIE 11-3/8" STANI ream Liquid As Description 5 JETSTREAM LIQUI 7 NOZZLE MOUNT, JI 5 WASHER, FLAT, 3/8 0 WASHER, FLAT, 3/8 0 WASHER, FLAT, 3/8 0 NUT, HEX, 3/8"-16, 1 WASHER, LOCK, 3/ 4 HEX CAP SCREW, 3/8 5 NUT, HEX, 1/2"-13, 1 WASHER, LOCK, 1/ 9 HEX CAP SCREW, 4 1 WASHER, LOCK, 1/ 9 HEX CAP SCREW, 4 1 WASHER, LOCK, 1/ 9 HEX CAP SCREW, 4 1 WASHER, FLAT, 5/8 5 JET STREAM MOUL 8 HOSE CLAMP, 1/4". 7 NOZZLE CAP, 2560 8 DIAPHRAGM CHEC 4 HOSE, EVA,N 3/8" E	", STAINLESS STEEL DARD SSEMBLY, LOW RATE, 1 ROW D ASSEMBLY, LOW RATE ETSTREAM 3", PLATED 594 GRADE 1 48", 18-8 STAINLESS STEEL 3/8"-16 X 1-1/2", F593 GRADE 1 F594 GRADE 1 (2", 18-8 STAINLESS STEEL 1/2"-13 X 2", F593 GRADE 1 3"X 1-1/2" OD X 0.078", 18-8 STAINLESS STEEL NTING ARM - 5/8" TUBING, STAINLESS STEEL 8-1-NYR CK VALVE, DOUBLE SHANK, 3/4" HOSE BRAID JET STREAM		
Orifice	sot	26 BOM 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	3 AM3 ID	DP40 3355 Qty 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AAM AAM AAM AAM BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3	DESE BARB INSERT, 3/8" BLE TIE 11-3/8" STANI ream Liquid As Description Description DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPT	", STAINLESS STEEL DARD SSEMBLY, LOW RATE, 1 ROW D ASSEMBLY, LOW RATE ETSTREAM 3", PLATED 5794 GRADE 1 18", 18-8 STAINLESS STEEL 3/8"-16 X 1-1/2", F593 GRADE 1 F594 GRADE 1 1/2", 18-8 STAINLESS STEEL 1/2", 18-8 STAINLESS STEEL 8-1-NYR CK VALVE, DOUBLE SHANK, 3/4" HOSE BRAID JET STREAM ER-STAINLESS STEEL, JET STREAM		
plates s	set	26 BOM 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	3 AM3 ID	DP40 3355 Qty 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AAM AAM AAM AAM BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3	DESE BARB INSERT, 3/8" BLE TIE 11-3/8" STANI ream Liquid As Description 5 JETSTREAM LIQUI 7 NOZZLE MOUNT, JI 5 WASHER, FLAT, 3/8 0 WASHER, FLAT, 3/8 0 NUT, HEX, 3/8"-16, 1 WASHER, LOCK, 3/ 4 HEX CAP SCREW, 5 NUT, HEX, 1/2"-13, 5 WASHER, LOCK, 1/ 9 HEX CAP SCREW, 1 WASHER, LOCK, 1/ 9 HEX CAP SCREW, 1 WASHER, LOCK, 1/ 9 HEX CAP SCREW, 1 WASHER, FLAT, 5/8 5 JET STREAM MOUL 8 HOSE CLAMP, 1/4". 7 NOZZLE CAP, 2560 9 DIAPHRAGM CHEC 4 HOSE, EVA,N 3/8" E 7 STREAM STABILIZE 9 ORIFICE PLATE #45	", STAINLESS STEEL DARD SSEMBLY, LOW RATE, 1 ROW D ASSEMBLY, LOW RATE ETSTREAM 3", PLATED 3", PLATED 5594 GRADE 1 78", 18-8 STAINLESS STEEL 3/8"-16 X 1-1/2", F593 GRADE 1 7594 GRADE 1 72", 18-8 STAINLESS STEEL 1/2"-13 X 2", F593 GRADE 1 3"X 1-1/2" OD X 0.078", 18-8 STAINLESS STEEL NTING ARM - 5/8" TUBING, STAINLESS STEEL 8-1-NYR 2K VALVE, DOUBLE SHANK, 3/4" HOSE BRAID JET STREAM ER-STAINLESS STEEL, JET STREAM 916-40 JET STREAM		
plates s only		26 BOM 1 2 3 4 5 6 7 8 9 100 111 122 133 144 155 166 77 8 9 100 111 122 133 144 157 100 100 100 100 100 100 100 10	3 AM3 ID	DP40 3355 Qty 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AAM AAM AAM BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3	DESE BARB INSERT, 3/8" BLE TIE 11-3/8" STANI ream Liquid As Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Descript	", STAINLESS STEEL DARD SSEMBLY, LOW RATE, 1 ROW D ASSEMBLY, LOW RATE ETSTREAM 3", PLATED 594 GRADE 1 78", 18-8 STAINLESS STEEL 3/8"-16 X 1-1/2", F593 GRADE 1 7594 GRADE 1 72", 18-8 STAINLESS STEEL 1/2"-13 X 2", F593 GRADE 1 3"X 1-1/2" OD X 0.078", 18-8 STAINLESS STEEL NTING ARM - 5/8" TUBING, STAINLESS STEEL 8-1-NYR 5K VALVE, DOUBLE SHANK, 3/4" HOSE BRAID JET STREAM ER-STAINLESS STEEL, JET STREAM 916-40 JET STREAM		
plates s		26 A BOM 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	3 AM3 ID	DP40 3355 Qty 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AAM AAM BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3	DESE BARB INSERT, 3/8" BLE TIE 11-3/8" STANI ream Liquid As Description 5 JETSTREAM LIQUI 7 NOZZLE MOUNT, JI 5 WASHER, FLAT, 3/8 0 WASHER, FLAT, 3/8 0 NUT, HEX, 3/8"-16, 1 WASHER, LOCK, 3/ 4 HEX CAP SCREW, 3/8 5 NUT, HEX, 1/2"-13, 5 WASHER, LOCK, 1/ 4 HEX CAP SCREW, 3/8 5 NUT, HEX, 1/2"-13, 5 WASHER, LOCK, 1/ 4 HEX CAP SCREW, 3/8 5 JET STREAM MOUL 3 HOSE CLAMP, 1/4", 7 NOZZLE CAP, 2560 8 DIAPHRAGM CHEC 4 HOSE, EVA,N 3/8" E 7 STREAM STABILIZE 3 ORIFICE PLATE #45 9 ORIFICE PLATE #45 9 ORIFICE PLATE #45 9 ORIFICE PLATE #45 1	", STAINLESS STEEL DARD SSEMBLY, LOW RATE, 1 ROW D ASSEMBLY, LOW RATE ETSTREAM 3", PLATED 594 GRADE 1 (8", 18-8 STAINLESS STEEL 3/8"-16 X 1-1/2", F593 GRADE 1 F594 GRADE 1 (2", 18-8 STAINLESS STEEL 1/2"-13 X 2", F593 GRADE 1 3"X 1-1/2" OD X 0.078", 18-8 STAINLESS STEEL 11/2"-13 X 2", F593 GRADE 1 3"X 1-1/2" OD X 0.078", 18-8 STAINLESS STEEL NTING ARM - 5/8" TUBING, STAINLESS STEEL 8-1-NYR CK VALVE, DOUBLE SHANK, 3/4" HOSE BRAID JET STREAM 916-40 JET STREAM 916-40 JET STREAM 916-63 JET STREAM 916-63 JET STREAM		
plates s only		26 A BOM 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	3 AM3 ID	DP40 3355 Qty 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AAM AAM BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3	DESE BARB INSERT, 3/8" BLE TIE 11-3/8" STANI ream Liquid As Description 5 JETSTREAM LIQUI 7 NOZZLE MOUNT, JI 5 WASHER, FLAT, 3/8 0 WASHER, FLAT, 3/8 0 WASHER, FLAT, 3/8 0 WASHER, FLAT, 3/8 0 NUT, HEX, 3/8"-16, 1 WASHER, LOCK, 3/ 4 HEX CAP SCREW, 5 NUT, HEX, 1/2"-13, 6 WASHER, LOCK, 1/ 9 HEX CAP SCREW, 1 WASHER, LOCK, 1/ 9 HEX CAP SCREW, 1 WASHER, LOCK, 1/ 9 HEX CAP SCREW, 1 WASHER, FLAT, 5/8 5 JET STREAM MOUL 3 HOSE CLAMP, 1/4", 7 NOZZLE CAP, 2560 3 DIAPHRAGM CHEC 4 HOSE, EVA,N 3/8" E 7 STREAM STABILIZE 3 ORIFICE PLATE #45 9 ORIFICE PLATE #45	", STAINLESS STEEL DARD SSEMBLY, LOW RATE, 1 ROW D ASSEMBLY, LOW RATE ETSTREAM 3", PLATED 5594 GRADE 1 (8", 18-8 STAINLESS STEEL 3/8"-16 X 1-1/2", F593 GRADE 1 F594 GRADE 1 (2", 18-8 STAINLESS STEEL 1/2"-13 X 2", F593 GRADE 1 3"X 1-1/2" OD X 0.078", 18-8 STAINLESS STEEL 1/2"-13 X 2", F593 GRADE 1 3"X 1-1/2" OD X 0.078", 18-8 STAINLESS STEEL NTING ARM - 5/8" TUBING, STAINLESS STEEL 8-1-NYR CK VALVE, DOUBLE SHANK, 3/4" HOSE BRAID JET STREAM 916-40 JET STREAM 916-57 JET STREAM 916-67 JET STREAM 916-70 JET STREAM 916-70 JET STREAM		
plates s only		26 A BOM 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	3 AM3 ID ID ID ID ID ID ID I ID I ID I I ID I I I ID I ID I I I I I I I I I I I I I I I I I I I I	DP40 3355 Qty 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AAM AAM AAM BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3	DEE BARB INSERT, 3/8" BLE TIE 11-3/8" STANI ream Liquid As Description 35 JETSTREAM LIQUI 7 NOZZLE MOUNT, JI 5 WASHER, FLAT, 3/8" 0 WASHER, FLAT, 3/8" 0 WASHER, FLAT, 3/8" 0 WASHER, FLAT, 3/8" 0 WASHER, LOCK, 3/ 4 HEX CAP SCREW, 3/8"-16, 1 WASHER, LOCK, 3/4 4 HEX CAP SCREW, 3/8"-16, 5 NUT, HEX, 1/2"-13, 1/3 6 WASHER, LOCK, 1/ 0 HEX CAP SCREW, 1/2" 1 WASHER, FLAT, 5/8 5 JET STREAM MOULD 3 HOSE CLAMP, 1/4" 7 NOZZLE CAP, 2560 3 DIAPHRAGM CHEC 4 HOSE, EVA,N 3/8" E 7 STREAM STABILIZI 3 ORIFICE PLATE #43 0 ORIFICE PLATE #43 0 ORIFICE PLATE #43 0 ORIFICE PLATE #44 2 ORIFICE PLATE #44 3 ORIFICE PLATE #44 3	", STAINLESS STEEL DARD SSEMDLY, LOW RATE, 1 ROW D ASSEMBLY, LOW RATE ETSTREAM 3", PLATED 57, PLATE		
plates s only		26 BOM 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 5 5 5 5 5 5 5 5 5 5 5 5 5	3 AM3 ID 10 10 10 10 10 10 10 10 10 10 10 10 10	DP40 3355 Qty 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AAM AAM AAM AAM BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3	DESE BARB INSERT, 3/8" BLE TIE 11-3/8" STANI ream Liquid As Description 5 JETSTREAM LIQUI 7 NOZZLE MOUNT, JI 5 WASHER, FLAT, 3/8 0 WASHER, FLAT, 3/8 0 WASHER, FLAT, 3/8 0 WASHER, FLAT, 3/8 0 NUT, HEX, 3/8"-16, 1 WASHER, LOCK, 3/ 4 HEX CAP SCREW, 3/8 5 NUT, HEX, 1/2"-13, 1 WASHER, LOCK, 1/ 9 HEX CAP SCREW, 4 1 WASHER, LOCK, 1/ 9 HEX CAP SCREW, 4 1 WASHER, LOCK, 1/ 9 HEX CAP SCREW, 4 1 WASHER, FLAT, 5/8 5 JET STREAM MOU 8 HOSE CLAMP, 1/4". 7 NOZZLE CAP, 2560 9 DIAPHRAGM CHEC 4 HOSE, EVA,N 3/8" E 7 STREAM STABILIZI 3 ORIFICE PLATE #49 9 ORIFICE P	", STAINLESS STEEL DARD SSEMBLY, LOW RATE, 1 ROW D ASSEMBLY, LOW RATE ETSTREAM 3", PLATED 5594 GRADE 1 18", 18-8 STAINLESS STEEL 3/8"-16 X 1-1/2", F593 GRADE 1 F594 GRADE 1 1/2", 18-8 STAINLESS STEEL 1/2", 18-8		
plates s only		26 BOM 1 2 3 4 5 6 7 8 9 100 111 122 133 144 155 166 177 188 199 200 211 222 233 244 255 266		DP40 3355 Qty 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AAM AAM AAM AAM BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3	DESE BARB INSERT, 3/8" BLE TIE 11-3/8" STANI ream Liquid As Description 5 JETSTREAM LIQUI 7 NOZZLE MOUNT, JI 5 WASHER, FLAT, 3/8 0 WASHER, FLAT, 3/8 0 WASHER, FLAT, 3/8 0 NUT, HEX, 3/8"-16, 1 WASHER, LOCK, 3/ 4 HEX CAP SCREW, 3/8 5 NUT, HEX, 1/2"-13, 5 WASHER, LOCK, 1/ 9 HEX CAP SCREW, 4 1 WASHER, FLAT, 5/8 5 JET STREAM MOUL 8 HOSE CLAMP, 1/4", 7 NOZZLE CAP, 2560 9 DIAPHRAGM CHEC 4 HOSE, EVA,N 3/8" E 7 STREAM STABILIZI 3 ORIFICE PLATE #45 9 ORIFICE PL	", STAINLESS STEEL DARD SSEMBLY, LOW RATE, 1 ROW D ASSEMBLY, LOW RATE ETSTREAM 3", PLATED 594 GRADE 1 78", 18-8 STAINLESS STEEL 38"-16 X 1-1/2", F593 GRADE 1 7594 GRADE 1 72", 18-8 STAINLESS STEEL 1/2", 18-8 ST		
plates s only		26 BOM 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 5 5 5 5 5 5 5 5 5 5 5 5 5	3 AM3 ID ID I I I I I I I I I I I I I I I I	DP40 3355 Qty 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AAM AAM AAM AAM BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3 BP3	DESE BARB INSERT, 3/8" BLE TIE 11-3/8" STANI ream Liquid As Description 5 JETSTREAM LIQUI 7 NOZZLE MOUNT, JI 5 WASHER, FLAT, 3/8 0 WASHER, FLAT, 3/8 0 WASHER, FLAT, 3/8 0 NUT, HEX, 3/8"-16, 1 WASHER, LOCK, 3/ 4 HEX CAP SCREW, 5 NUT, HEX, 1/2"-13, 5 WASHER, LOCK, 1/ 9 HEX CAP SCREW, 1 WASHER, FLAT, 5/8 5 JET STREAM MOUL 8 HOSE CLAMP, 1/4". 7 NOZZLE CAP, 2560 9 DIAPHRAGM CHEC 4 HOSE, EVA,N 3/8" E 7 STREAM STABILIZI 8 ORIFICE PLATE #45 9 ORIFICE PLAT	", STAINLESS STEEL DARD SSEMBLY, LOW RATE, 1 ROW D ASSEMBLY, LOW RATE ETSTREAM 3", PLATED 594 GRADE 1 78", 18-8 STAINLESS STEEL 38"-16 X 1-1/2", F593 GRADE 1 7594 GRADE 1 72", 18-8 STAINLESS STEEL 1/2", 18-8 ST		





BLU-JET
80-87

JetStream Coulter Knife Assembly (AAM3356)

LR 3, LF

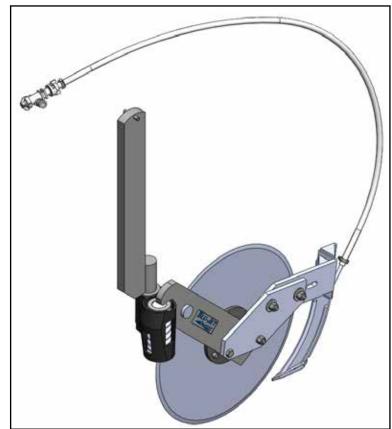
Task

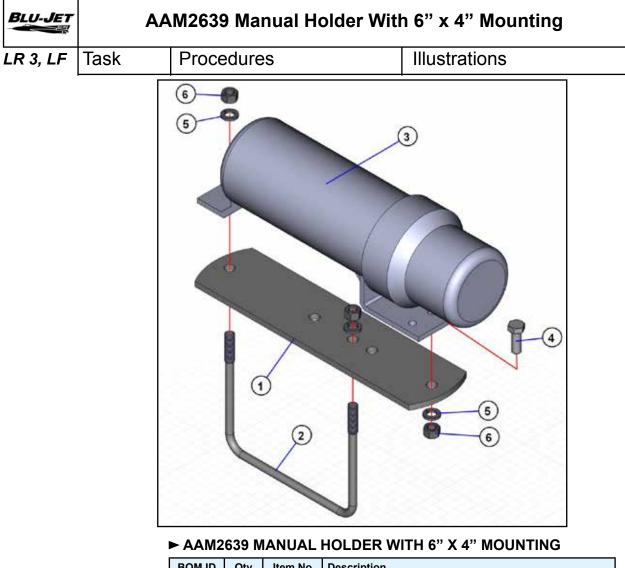
Procedures

Illustrations

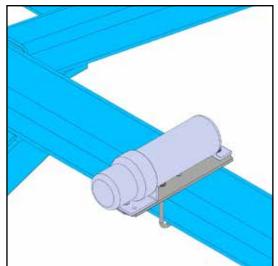
AAM3356 Coulter Knife Assembly, With Knife, Tee-Jet Check

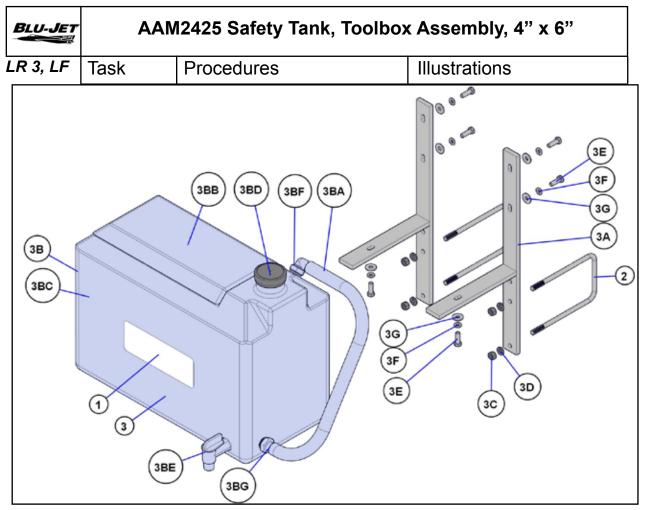
BOM ID	Qty	Item No	Description
1	1	AAM3356	COULTER KNIFE ASSEMBLY, WITH KNIFE, CHECK VALVE
2	1	AAM3357	COULTER KNIFE ADAPTER, WITH CO-50 KNIFE
2A	1	AM3313	KNIFE HOLDER/ MOUNTING ARM
2B	1	AM3324	ADAPTER PLATE, COULTER KNIFE
2C	4	BP3041	HEX CAP SCREW, 1/2"-13 X 2", GRADE 5, PLATED
2D	6	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
2E	6	BP3043	WASHER, LOCK, 1/2", PLATED
2F	6	BP3050	WASHER, FLAT, 1/2", PLATED
2G	2	BP3126	HEX CAP SCREW, 1/2"-13 X 1-1/2", GRADE 5, PLATED
3	2	CP2313	HOSE CLAMP, 1/4" - 5/8" TUBING, STAINLESS STEEL
4	1	CP2325	ORIFICE PLATE #4916-110 JET STREAM
5	1	CP2467	NOZZLE CAP, 25608-1-NYR
6	1	CP2488	DIAPHRAGM CHECK VALVE, DOUBLE SHANK, 3/4" HOSE
6A	1	CP2488-BODY	DIAPHRAGM CHECK VALVE BODY, DOUBLE SHANK, 3/4" HOSE
6B	1	CP2488-WASHER	DIAPHRAGM CHECK VALVE WASHER
7	1	CP2534	HOSE, EVA,N 3/8" BRAID JET STREAM
8	1	CP2544	ORIFICE PLATE #4916-86 JET STREAM
9	1	CP2545	ORIFICE PLATE #4916-95 JET STREAM
10	1	CP2570	ORIFICE PLATE #4916-120 JET STREAM
11	1	CP2571	ORIFICE PLATE #4916-136 JET STREAM
12	1	CP5038	CO-50 3/8" LIQUID KNIFE EXTRA THIN
13	1	CP5046	HOSE BARB INSERT, 3/8", STAINLESS STEEL
14	3	DP4086	CABLE TIE 11-3/8"





BOM ID	Qty	Item No	Description
1	1	AM7640	BRACKET, MOUNTING, MANUAL HOLDER
2	1	BP3045	U-BOLT, 3/8"-16 X 6" W X 5" L
3	1	AP4254	MANUAL HOLDER, BLACK
4	1	BP3006	HEX CAP SCREW, 3/8"-16 X 1", GRADE 5, PLATED
5	3	BP3002	WASHER, LOCK, 3/8", PLATED
6	3	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED

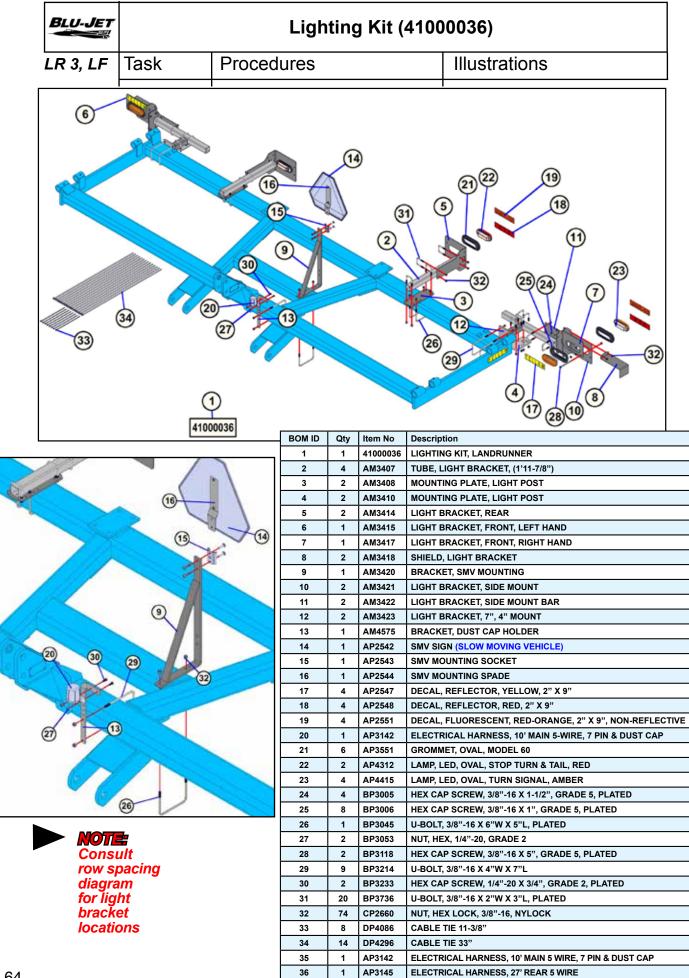


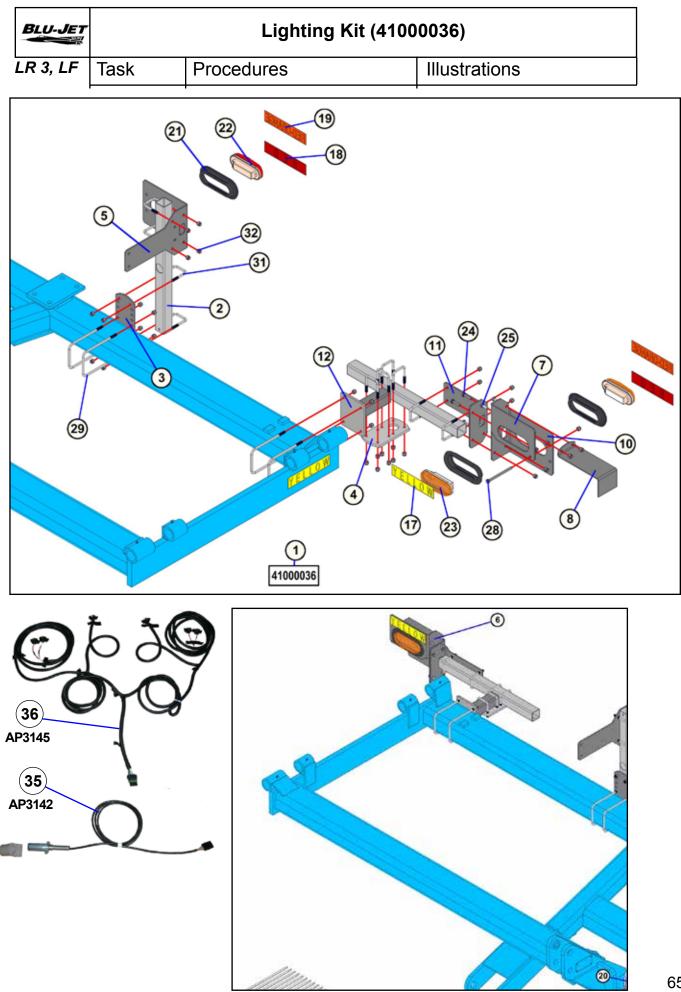


► AAM2425 SAFETY TANK, TOOLBOX ASSEMBLY, 4" X 6"

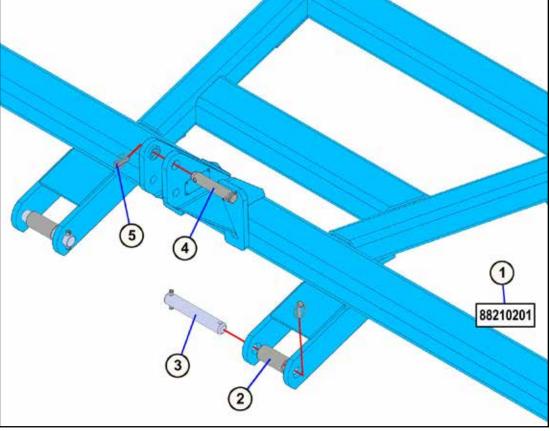
BOM ID Qty Item No Description 1 1 AP2215 DECAL, BLU-JET, 3" X 8" 2 2 BP3214 U-BOLT, 3/8"-16 X 4" W X 7" L	
	1
	~
2 2 BP3214 U-BOLT, 3/8"-16 X 4" W X 7" L	
3 1 PKG00040 PACKAGE, 9 GALLON SAFETY TANK	
3A 2 AM2136 BRACKET, TANK MOUNTING, 9 GALLON	
3B 1 AP2137 SAFETY TANK, 9 GALLON	1.1
3BA 1 AP2137 HOSE 3/4" CLEAR HOSE - CP2069 - 24" LENGTH	
3BB 1 AP2137 LID TOOLBOX LID	
3BC 1 AP2137 TANK TANK	
3BD 1 AP2272 2" FILL CAP	
3BE 1 AP2329 SPIGOT	
3BF 1 CP2471 ELBOW, 90 DEGREE, 3/4"MP X 3/4" HOSE BARB	
3BG 1 CP2577 HOSE BARB, 3/4"MP X 3/4" HOSE BARB	
3C 4 BP3001 NUT, HEX, 3/8"-16, GRADE 2, PLATED	
3D 4 BP3002 WASHER, LOCK, 3/8", PLATED	
3E 6 BP3108 HEX CAP SCREW, 5/16"-18 X 1", GRADE 5, PLATED	
3F 6 BP3158 WASHER, LOCK, 5/16", PLATED	
3G 6 BP3159 WASHER, FLAT, 5/16", PLATED	



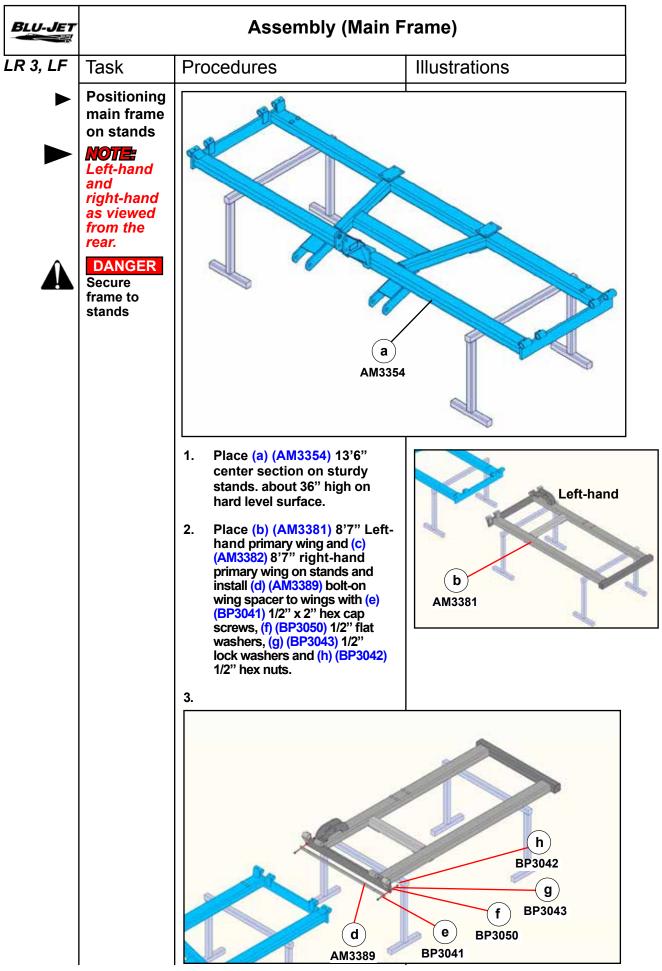


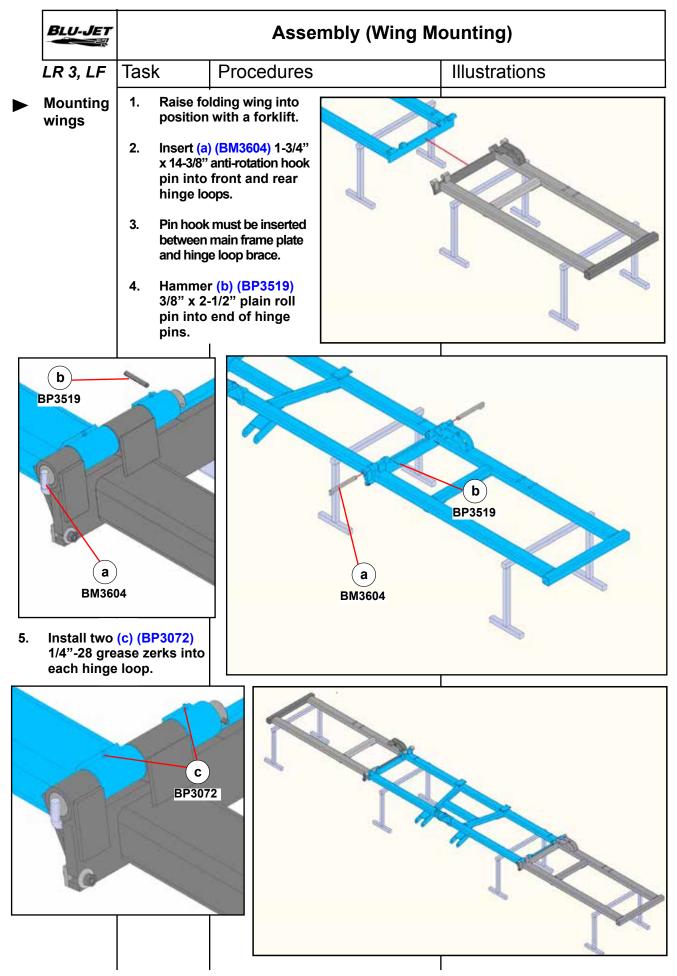


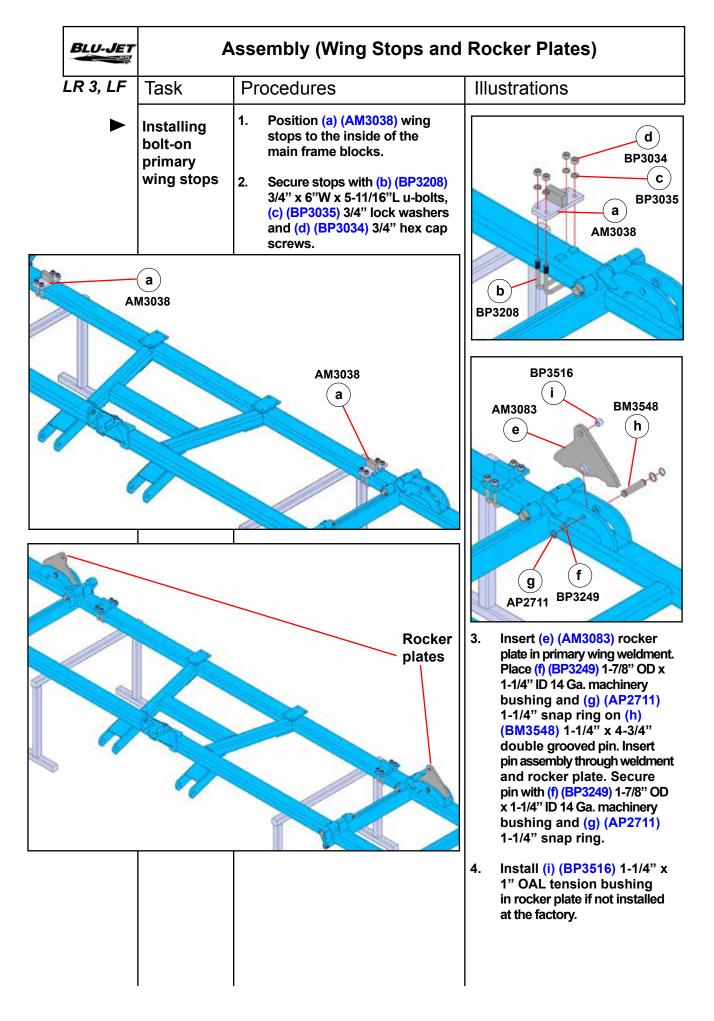
BLU-JET		Category III Pull Pin Kit (88210201)				
LR 3, LF	Task	Procedures	Illustrations			

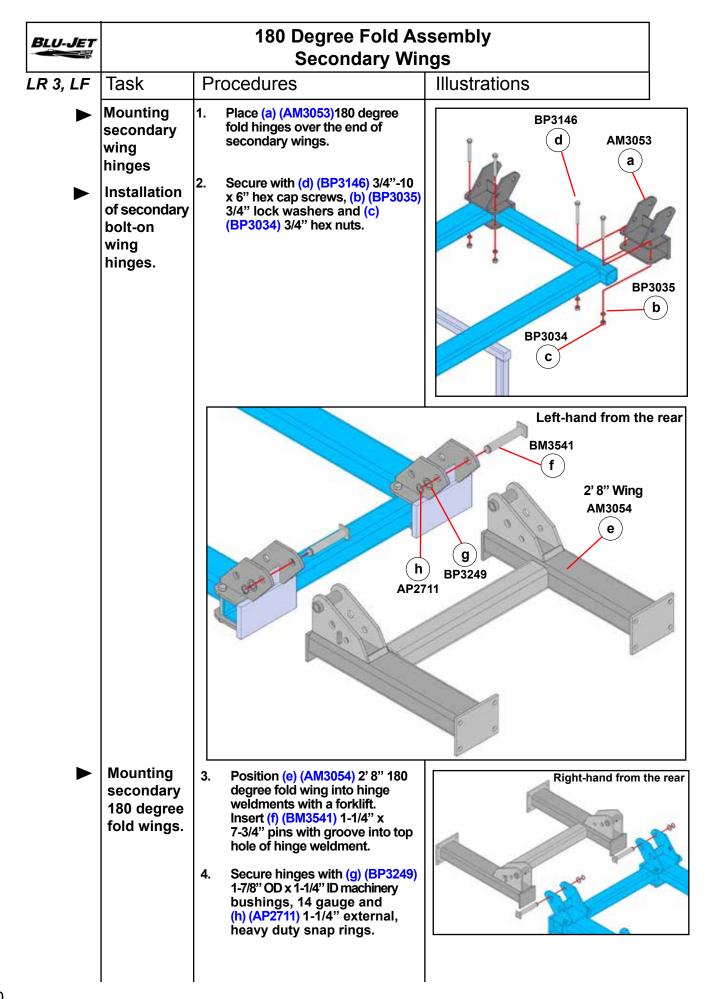


BOM ID	Qty	Item No	Description
1	1	88210201	PULL PIN KIT, CATEGORY III
2	2	BM3512	BUSHING
3	2	BM3805	PIN, CATEGORY III LOWER HITCH, 1-7/16" X 7-1/2"
4	1	BP3509	PIN, CATEGORY III TOP LINK, 1-1/4" X 4-23/32"
5	3	BP3517	LYNCH PIN, 7/16"

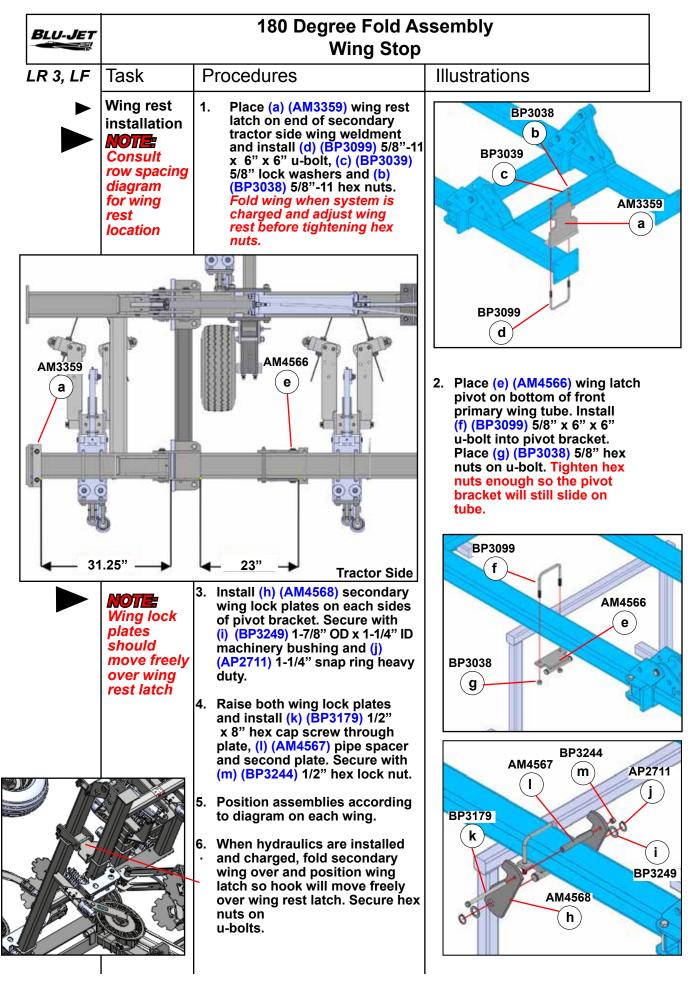


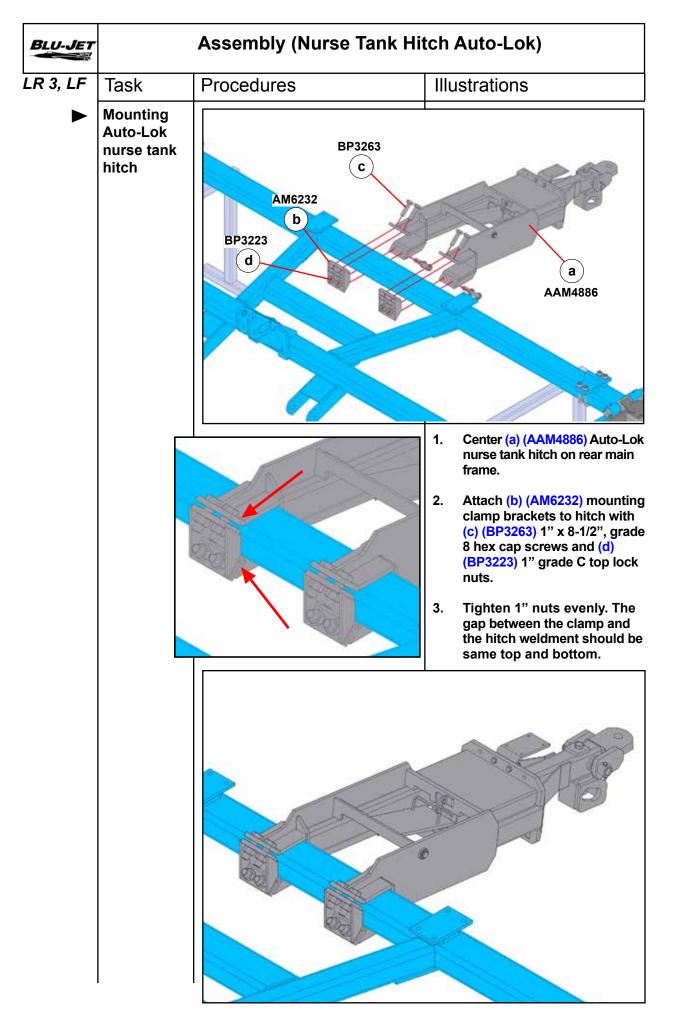


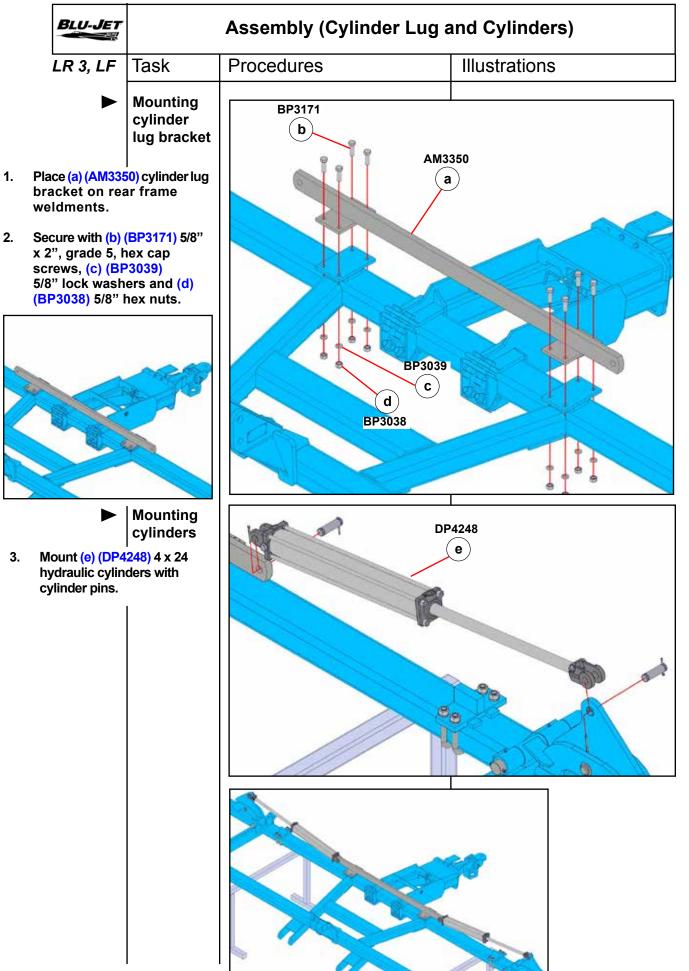


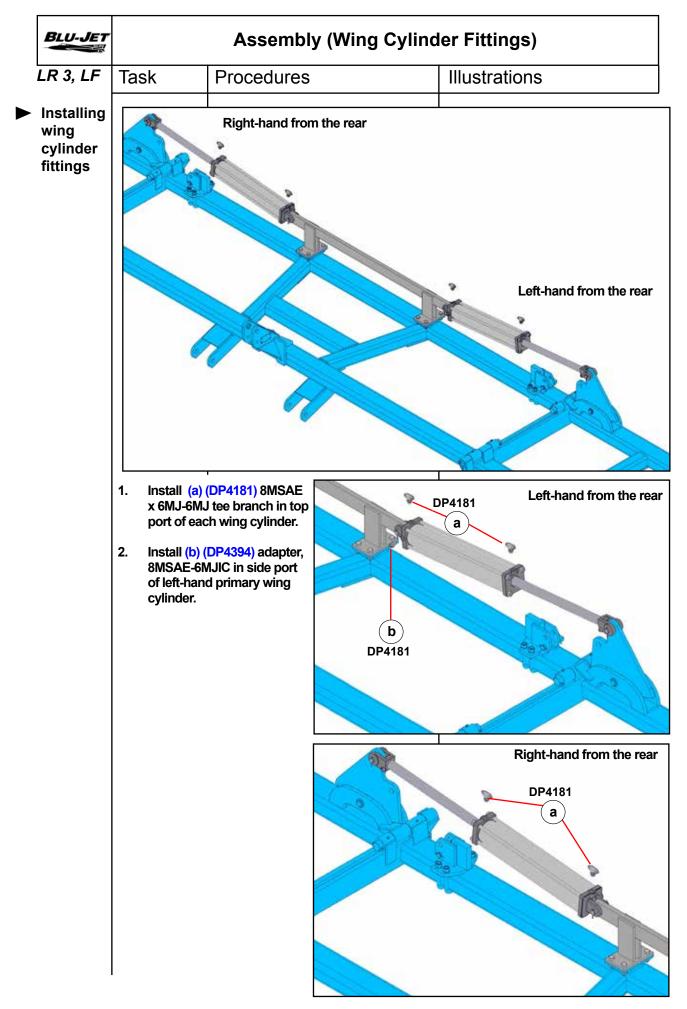


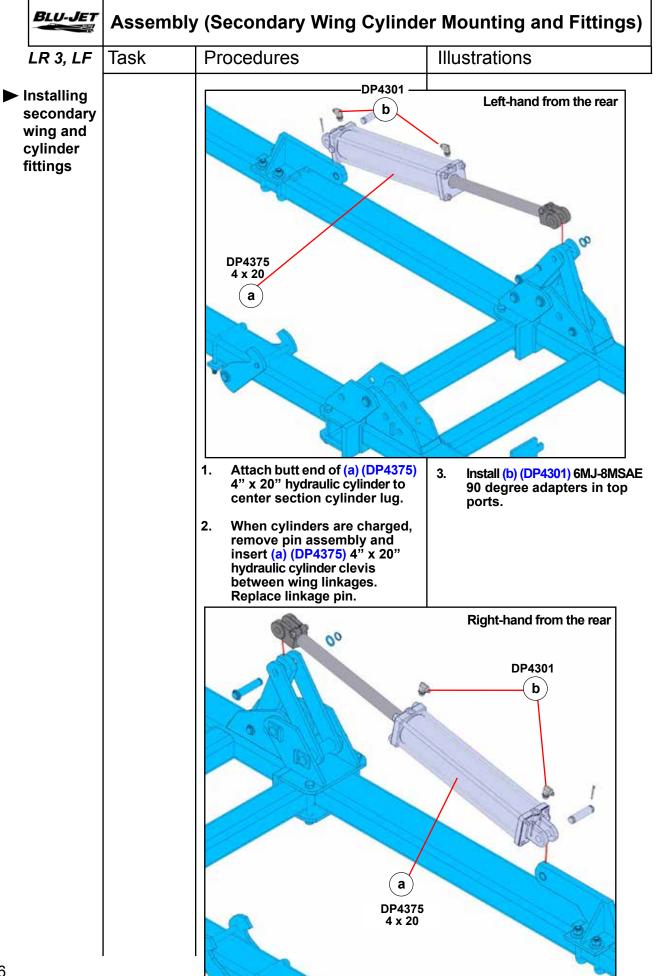
BLU-JET		180 Degree Fold A Secondary Wing	-
LR 3, LF	Task	Procedures	Illustrations
	Wing linkage assembly	 Insert (a) (AM4515) secondary wing linkage into secondary wing hinge weldment. Secure with (e) (BM3541) 1-1/4 x 7-3/16" pin, (j) (BP3249) 1-1/4" ID x 1-7/8" OD machine bushing and (d) (AP2711) 1-1/4 snap ring. 	4" H H H H H H H H H H H H H
		 Place (b) (AM4516) secondary wing linkage into primary wing weldment. Insert (f) (BM354 1" x 4-5/8" pin. Place (i) (BP3218 1-1/2" x 1" machinery bushing on each side of the linkage as pin is inserted. Secure with (i) (BP3215) 1-1/2" x 1" machinery bushing and (c) (AP2407) 1" snap ring. 	
		3. Install (h) (BP3072) 1/4" grease zerks into secondary wing linkages.	AP2711 i b BP3072 AP2407 h BP3072 AP2407
	Cylinder lug 180 degree fold parts NOTTE: Tension bushing installed at factory	 Place (a) (AM3050) cylinder lu behind weldments on primary wing. Secure with (b) (BP3208 3/4" x 6" x 5-3/4" u-bolts (c) (BP3033) 3/4" flat washers (e) (BP3035) 3/4" lock washers and (d) (BP3034) 3/4" hex nuts 	d e BP3035
		5. Install (j) (BP3516) 1-1/4" x 1" x 1" OAL tension bushing in cylinder lug.	BP3516 j

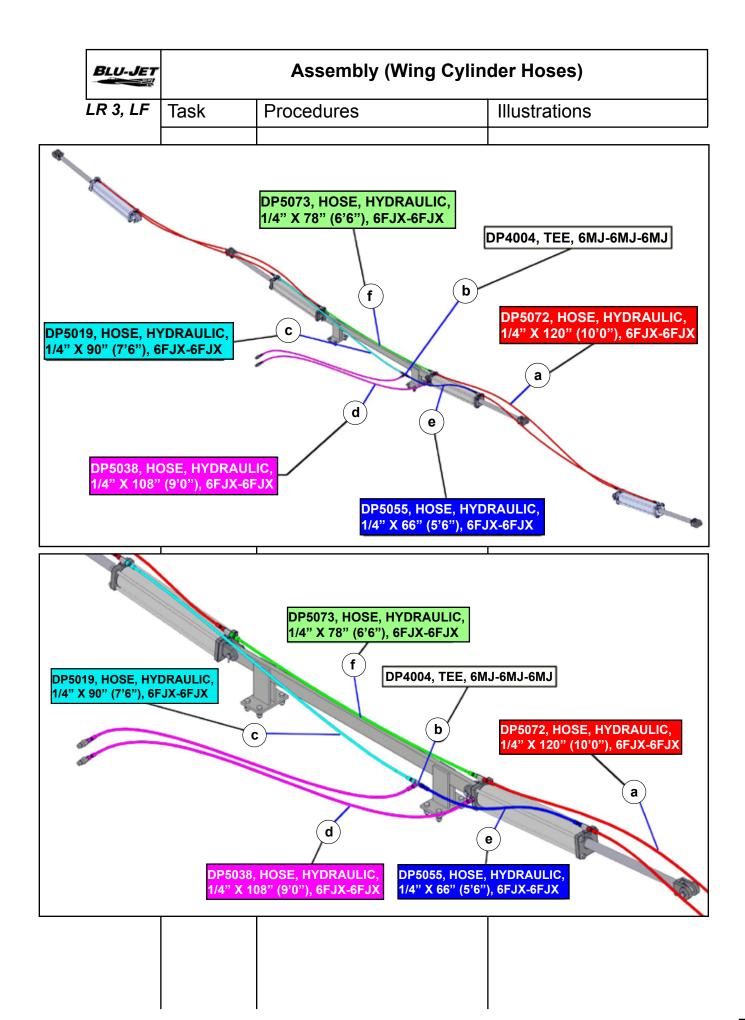


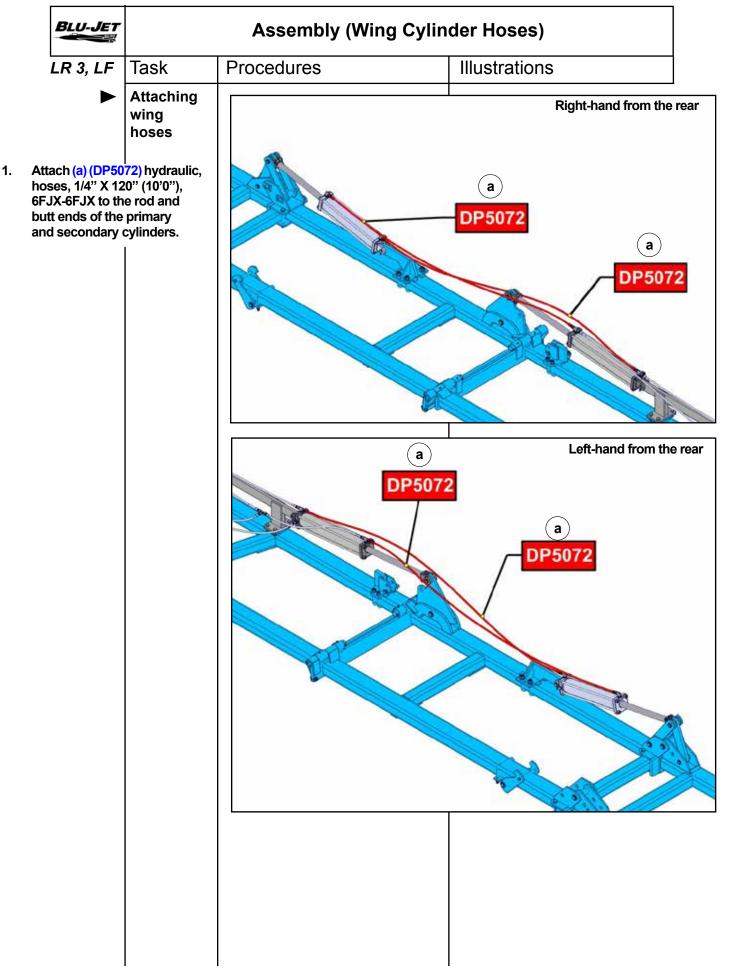


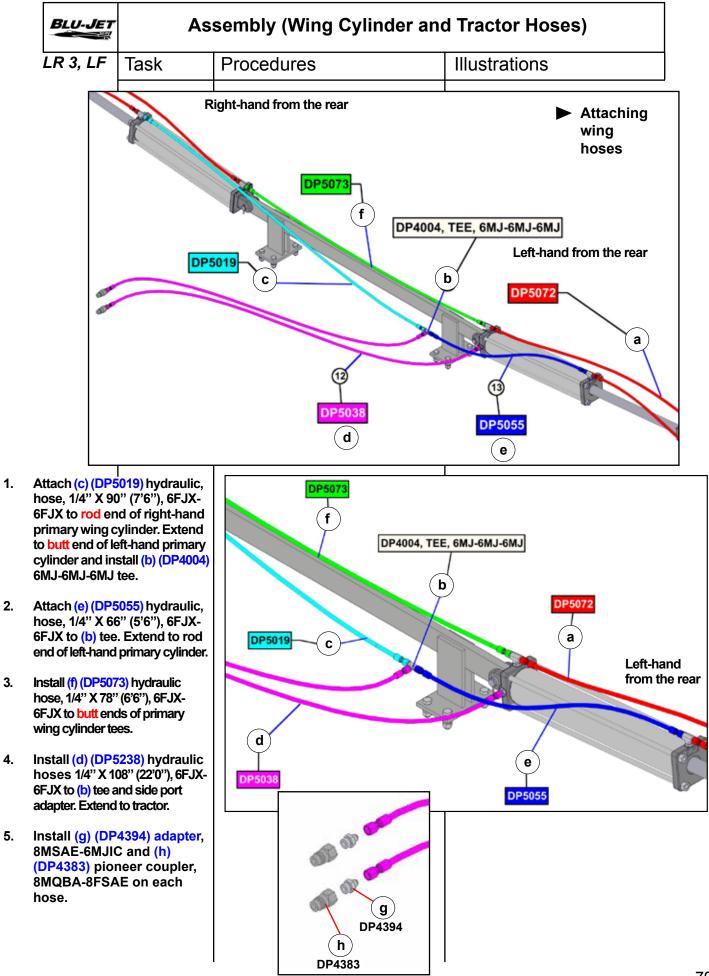


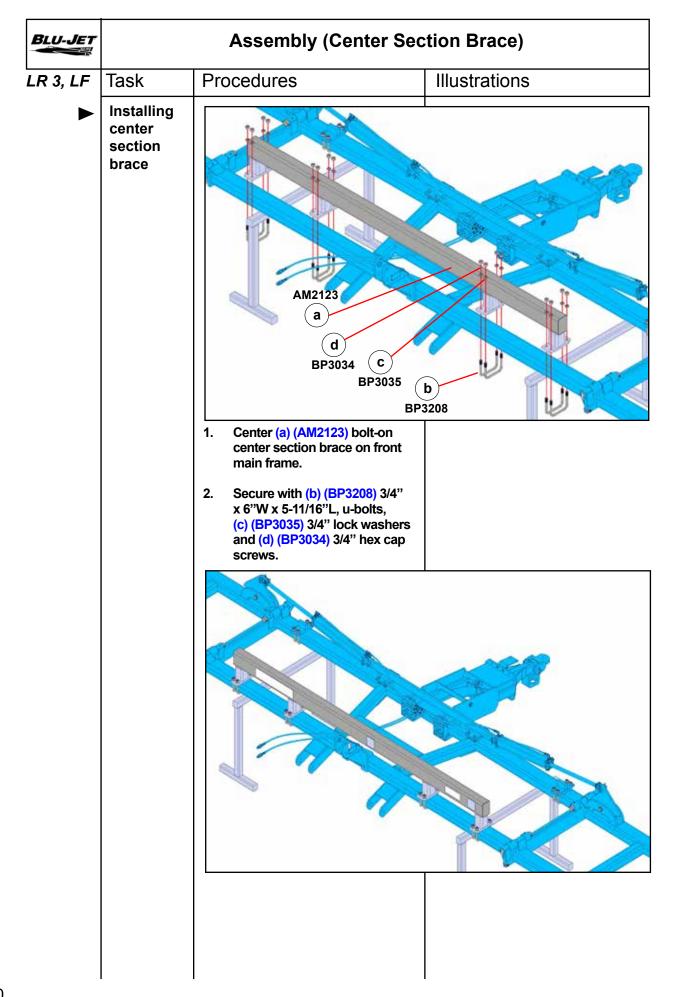






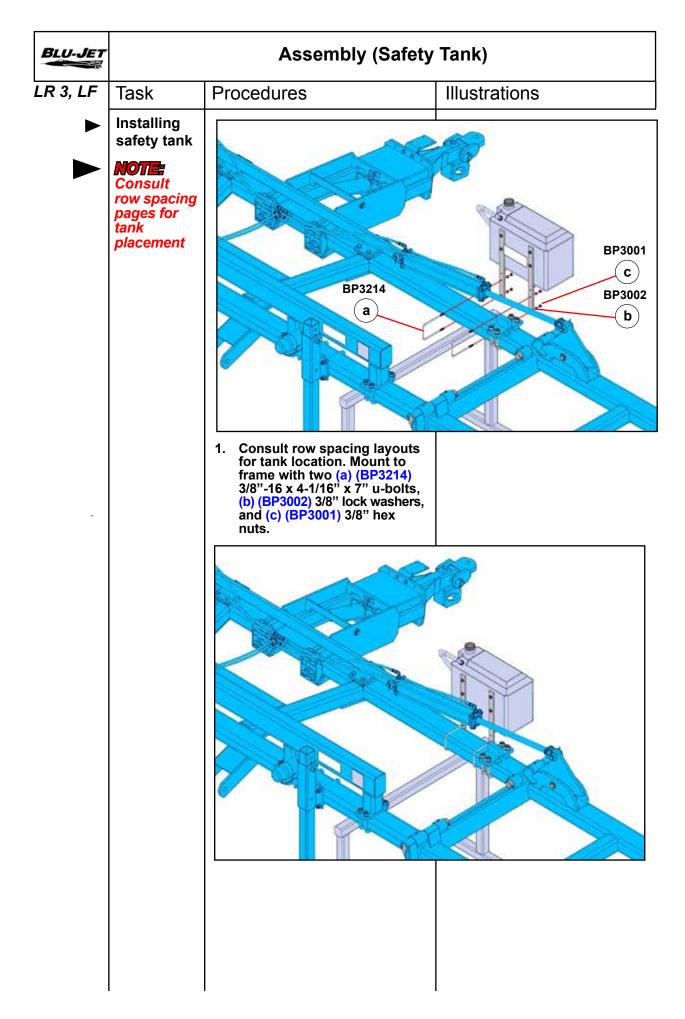


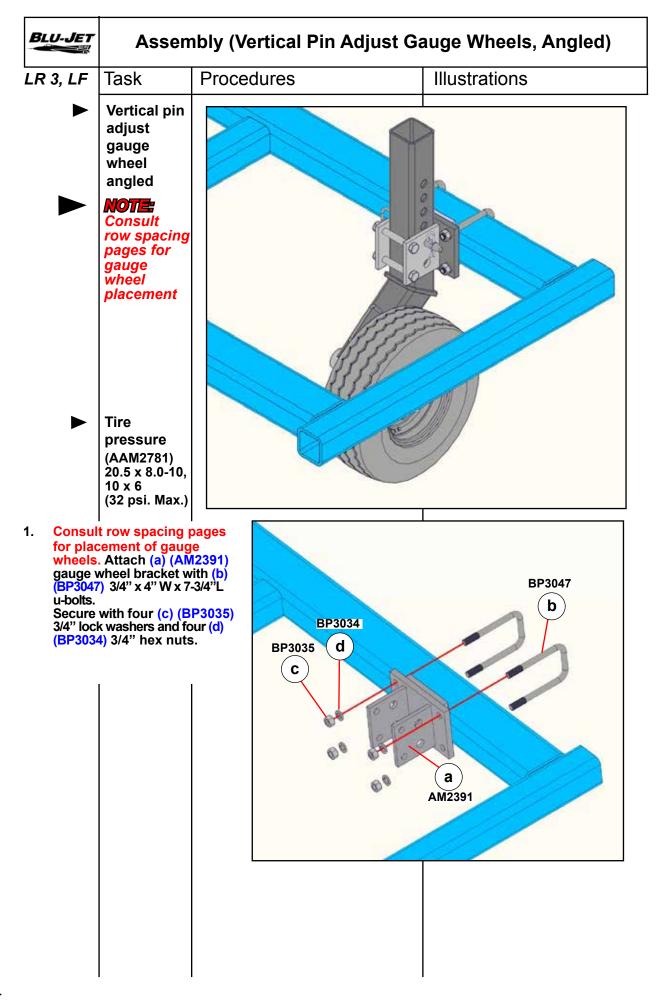




BLU-JET		Assembly (Parking Stands)			
LR 3, LF	Task	Procedures	Illustrations		
	Installing parking stands	1. Place (a) (AM5054) park stand mounting bracket over (b) (AM4682) park stands.	BP3504 g BP3331 AM5054		
	NOTE: Consult row spacing pages for	 Position park stand assemblies 46" from center of the frame to center of bracket on each side. 			
	park stand placement	 Secure bracket to frame with (c) (BP3331) 5/8" x 4" x 7-3/4" u-bolts, (d) (BP3039) 5/8" lock washers and (e) (BP3038) 5/8" hex nuts. 	AM4682		
		4. Adjust park stand and insert (f) (BP3502) 3/4" hitch pins. Secure pin with (g) (BP3504) 1/8" hair pin clips.	b d e BP3039 BP3038		
		 Position rear park stand assemblies near cylinder lug weldments on the mainframe. 			

BLU-JET		Assembly (Manual	Holder)
LR 3, LF	Task	Procedures	Illustrations
►	Installing manual holder	1. Mount (a) (AP4254) manual holder to (b) (AM7640) manual holder bracket with (c) (BP3006) 3/8" x 1" hex cap screw. Secure with (d) (BP3002) 3/8" lock washer and (e) (BP3001) 3/8" hex nut.	AP4254 a
		 Consult row spacing page for manual holder location. Attach accombly to frame with 	BP3006 C AM7640
		 Attach assembly to frame with (f) (BP3045) 3/8" x 6"W x 5"L u-bolt, (d) (BP3002) 3/8" lock washers and (e) (BP3001) 3/8" hex nuts. 	BP3002 b d e BP3001 f BP3045

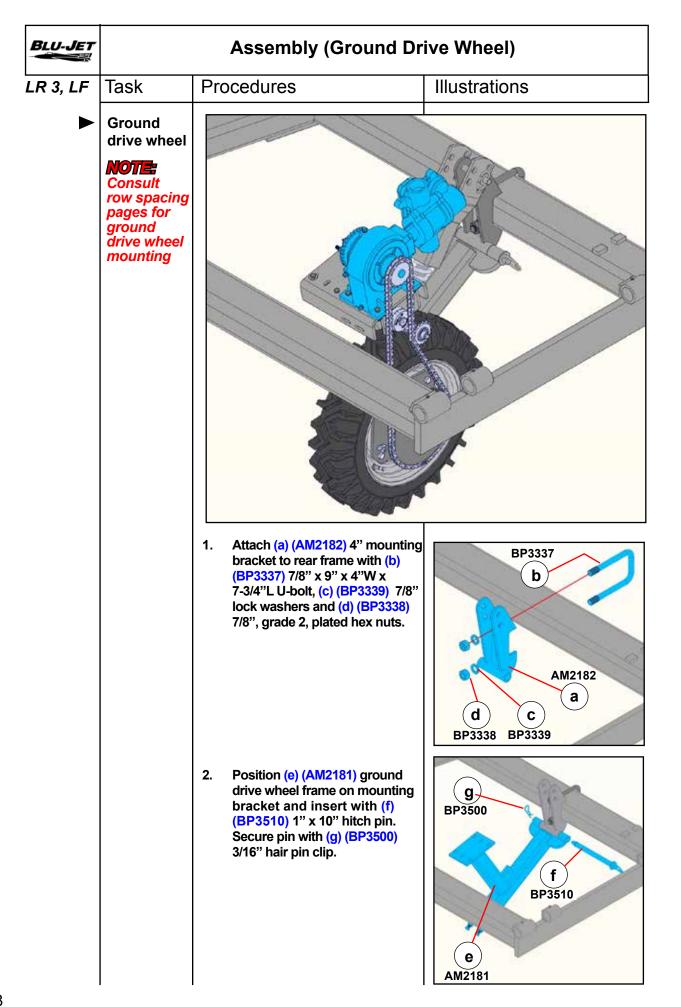




BLU-JET	Assem	bly	uge Wheels, Angled)	
LR 3, LF	Task	Pr	ocedures	Illustrations
	Vertical pin adjust gauge wheel angled	2.	Install (f) (BP3146) two 3/4" x 6" hex cap screws through mounting bracket with two (d) (BP3035) 3/4" lock washers and two (e) (BP3034) 3/4" hex nuts. Do not tighten. Insert (g) (AM2392) gauge wheel leg, angled into mounting bracket.	BP3051 AM2392 h BP3035 9 BP3500 i e BP3146 f
		4.	Install (h) (BP3051) 1" x 6" hitch pin and (i) (BP3500) 3/16" hair pin clip.	BP3034
	NOTE: Consult row spacing pages for hub and spindle location	5.	Loosen jam nuts and bolts and insert (j) (AAM2707) 1-3/4" x 13" hub and spindle into wheel leg arm. Spindle should be flush with the end of the tube. Tighten jam bolts.	
		6.	Remove wheel bolts and install (k) (AAM2781) 20.5 x 8.0, 10 x 6 wheel.	(j) AAM2707
		7.	After final depth adjustment is decided, tighten 3/4" hex nuts on mounting bracket.	k AAM2781

BLU-JET	Assembly (Manual Adjust Gauge Wheels)				
LR 3, LF	Task	Procedures	Illustrations		
•	Manual adjust gauge wheel	 Consult row spacing pages for placement of gauge wheels. 			
-	Consult row spacing pages for gauge wheel placement				
	Tire	 Attach (a) (AM3015) gauge wheel extension wing mount to frame with (b) (BP3036) 3/4" x 6-1/2" hex cap screw grade 5, (c) (BP3035) 3/4" lock washers and (d) (BP303 3/4" hex cap screws. 	s, d BP3035		
	pressure (AAM2752) 27 x 9.5, 6 ply 15 x 6 x 6 (32 psi. Max.)		a BP3036 AM3015 b		
	(62 p 51. max .)	3. Mount (e) (AM3013) in-line transport wing bracket to extension with (f) (BP3174) 3/4" x 4"W x 6"L u-bolts, (c) (BP3035) 3/4" lock washers and (d) (BP3034) 3/4" hex ca screws.	p e AM3013 c d BP3035 BP3034		
		 Attach (g) (AM2505) vertical gauge wheel jack to mount with (h) (BP3505) 15/16" x 9" pins with handles. Secure with (i) (BP3500) hair pin clips. 			

BLU-JET	Assembly (Manual Adjust Gauge Wheels)				
LR 3, LF	Task	Pro	cedures	Illustrations	
	Manual adjust gauge wheel	5.	Attach (j) (AM2526) 90 long crank to jack with (k) (BP3096) 3/8" x 2-1/2" hex cap screw, (l) (BP3015) 3/8" flat washers and (m) (BP3003) 3/8" lock hex nut.	BP3096 k l BP3015 j AM2526	
		6.	Loosen jam nuts and bolts and insert (n) (AAM2705) 1-3/4" x 13" hub and spindle into wheel leg arm. Spindle should be flush with the end of the tube. Tighten jam bolts.	n AAM2705	
		7.	Remove wheel bolts and install (o) (AAM2752) 27 x 9.50, 6 ply, 15 x 6 x 6 wheel.	O O AM2752 O	



	BLU-JET	Assembly (Ground Drive Wheel)				
	LR 3, LF	Task	Procedures	Illustrations		
		Mounting spring assembly adjuster	BP3500 C	BP3502 b		
3.	assembly bracket w 4-1/2" hit (c) (BP350 Raise gro up to spr (d) (BP30) (AAM2089) sp / adjuster to mo vith (b) BP3502) ch pin. Secure p 00) 3/16" hair pin bund drive when ing adjuster an 70) 3/4" x 2" hin n with (c) (BP350 ip.	AAM2009 a)47" x bin with clip. b) frame d insert tch pin.	BP3070 d		
4.	(e) (AAM2	et screws and i 2707) 511 hub, ′ pindle assembl	I-3/4" x			
E) 1. Ti sp Ti	75". This is a ghten set sc bindle in pos	rews and lock	ion. o hold			
S	lub and pindle ttaching	1.75"		AAM2707 e c		

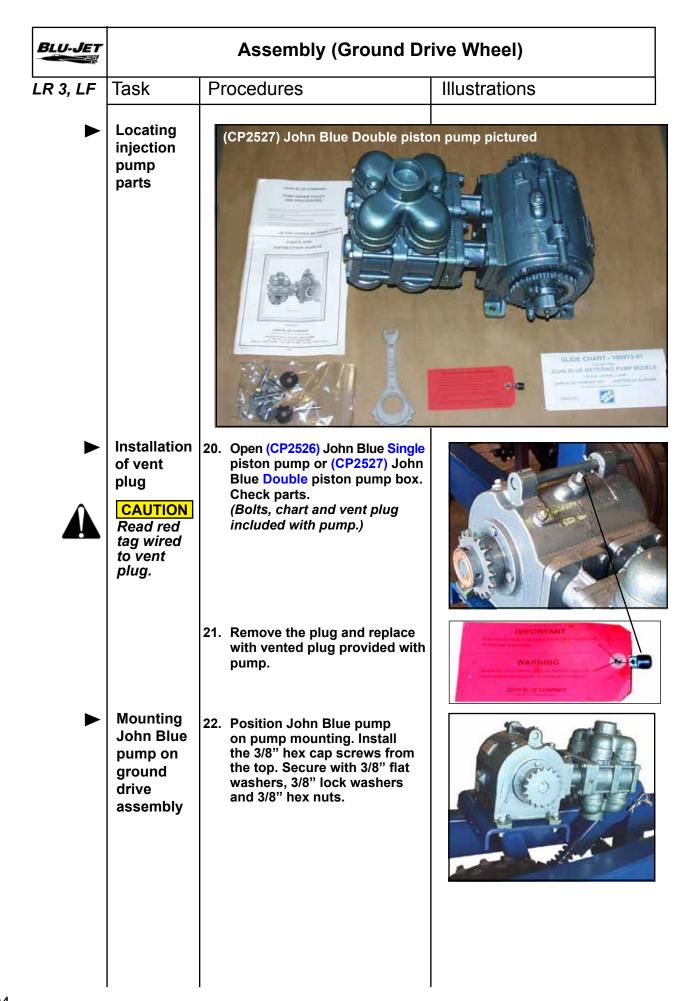
Г

BLU-JET	Assembly (Ground Drive Wheel)					
LR 3, LF	Task	Procedures		Illustrations		
	Mounting wheel to hub	5. Remove lug bo	lts from hub.			
	NOTTE: Tire loaded radius is 13" when inflat- ed to 35-40	6. Mount (a) (AAM 15.4, 4 ply 15 x hole wheel.	2750) 5.00- 5 x 5, four	AAM2750 a		
	Mounting ground drive wheel adapter plate	 Align (b) (AM202 adapter plate an holes in rim. Inse 1/2" x 1-1/2", gra screws. Secure with (d) (BP3043 washers and (e) 1/2", grade 2, he 	d hub with rt (c) (BP3126) ade 5, hex cap plate to rim b) 1/2" lock (BP3042)	BP3042 e AM2021 b b d BP3126 BP3043 C		

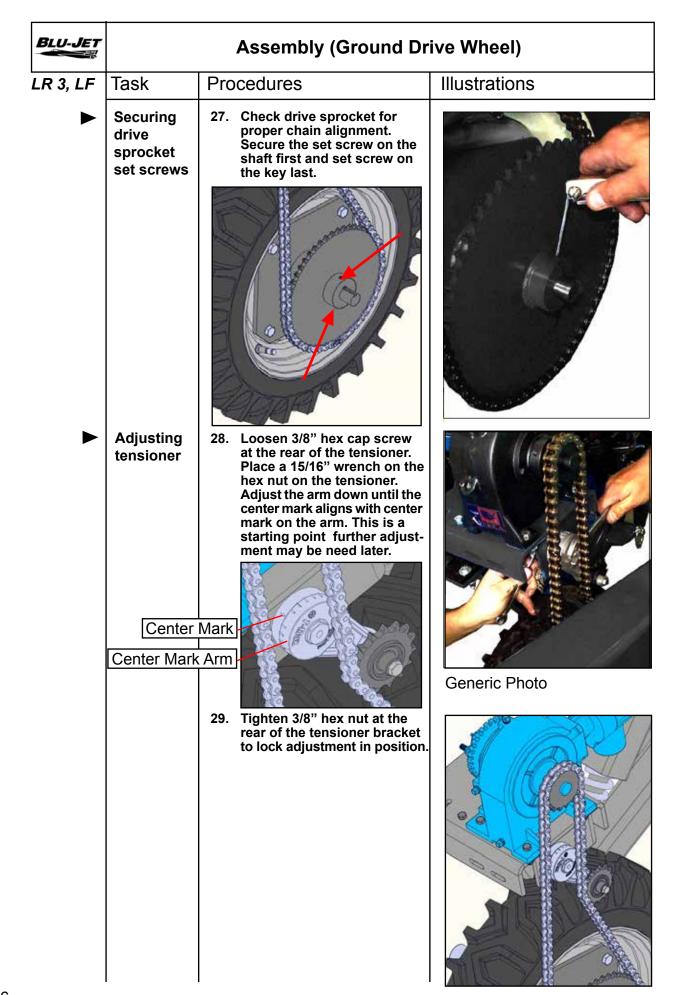
		1	
3, LF	Task	Procedures	Illustrations
-	Installation of ground drive sprocket	8. Before installing the sprocket, cover the shaft with anti-seize.	AP2604
		 Slide (a) (AP2604) sprocket, 5050 x w/hub 1" RND bore, over the ground adapter plate shaft. Push sprocket against mount and install (b) (BM3527)1/4" x 1/4" x 1" key. 	a b BM3527
		10. Do not tighten set screw on the shaft and the set screw on the key until the chain is aligned.	Key Shaft set screw
	Ground drive base unit assembled	11. Ground drive base unit assembled on rear frame.	

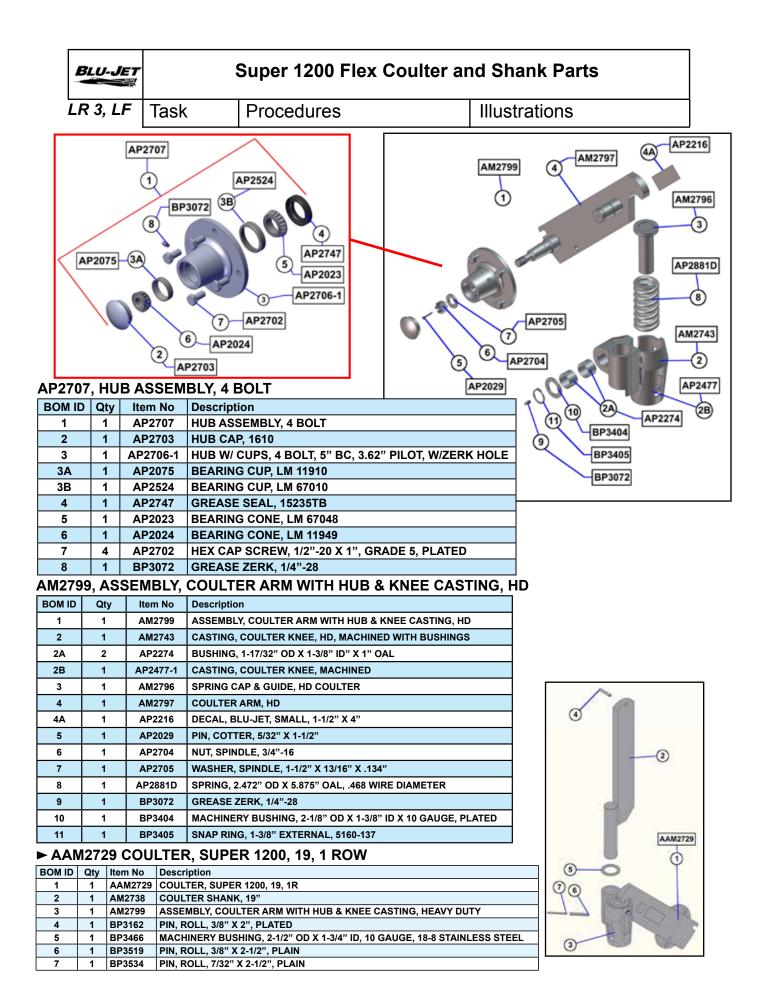
BLU-JET	Assembly (Ground Drive Wheel)				
LR 3, LF	Task	Procedures	Illustrations		
	Installation of universal pump mounting	12. Place (a) (AM2180) universal pump mounting on ground drive wheel frame. Line up mounting plate with end of drive wheel frame. Pull plate down away from spring.	AP2180		
		 Install four (b) (BP3005) 3/8"- 16 x 1-1/2" hex cap screws from the top. Use two (c) (BP3015) 3/8" flat washers on slotted holes. 	BP3005 b c		
		 14. Place four (c) (BP3015) 3/8" flat washers, (d) (BP3002) 3/8" lock washers and (e) (BP3001) 3/8-16 hex nuts on 3/8" hex cap screws. Tighten hex nuts. 	BP3015 C BP3002 d BP3001 e		
	Installing the rotary tension arm mounting bracket	15. Mount (f) (AM2165) rotary tension arm mounting bracket to the inside of the pump mounting with two (b) (BP3005) 3/8"-16 x 1-1/2" hex cap screws, four (c) (BP3015) 3/8" flat washers, two (d) (BP3002) 3/8" lock washers and (e) (BP3001) 3/8"-16 hex nuts. Do not tighten at this time.	AM2165 F BP30 C BP300 b C BP3001 C BP3001 C BP3001 C BP3001 C BP3001 C BP3001 C BP30 C BP30 C BP30 C BP30 C BP30 C BP30 C BP30 C BP30 C BP30 C BP30 C BP30 C BP30 C BP30 C BP30 C BP30 C BP30 C BP30 C BP30 C BP30 C BP30 C BP30 C BP30 C BP30 C BP30 C BP30 C BP30 C BP30 C BP30 C BP30 C BP30 C BP30 C BP30 C BP3001 C BP3001 C BP3001 C BP3001 C BP3001 C BP3001 C BP3001 C BP3001 C BP3001 C BP3001 C BP3001 C BP3001 C BP3001 C BP3001 C BP3001 C BP3001 C BP3001 C BP3001 C BP3001 C BP3001 C BP3001 C BP3001 C BP3001 C BP3001 C BP3015 C BP3015 C BP3015 C BP3015 C BP3015 C BP3015 C BP3015 C BP3015 C BP3015 C BP3015 C BP3015 C BP3015 C BP3015 C BP3015 C BP3015 C BP3015 C BP3015 C BP3015 C BP3015 C BP3015 C BP3015 C C BP3015 C C C C C C C C C C C C C		

BLU-JET		Assembly (Ground Dri	ive Wheel)
LR 3, LF	Task	Procedures	Illustrations
b. BP 3002 2 W 3/ c. BP 3005 1 H 3/ d. BP 3015 4 W 3/ e. BP 3116 1 H 3/ a/ a/ a/ a/ a/ a/ a/ a/ a/ a/ a/ a/ a/	l6, grade 2 lated /asher, lock, /8", plated ex cap screw /8"-16 x 1" x /2" /asher, flat, /8", plated ex cap screw, /8"-16 x 3"		d f e
w a g. BP 3239 1 To	5T #50 chain /clevis dapter		
	Installing tensioner arm	 Place (b) (BP3002) 3/8" lock washer (c) (BP3005) 3/8"-16 x 1-1/2" hex cap screw into tension arm mounting bracket. Install (g) (BP3239) tensioner RT 1002 on 3/8' hex cap screw and tighten. 	C b g BP3005 BP3002 BP3239
	Mounting Idler sprocket Flat washers are used to align the sprocket with the chain. Start with three between sprocket and tensioner.	19. Insert (e) (BP3116) 3/8-16 x 3" hex cap screw through (f) (AP2382) sprocket, idler 15T # 50 chain, with clevis adapter, (d) (BP3015) 3/8" flat washers and tensioner. Secure with (b) (BP3002) 3/8" lock washer and (a) (BP3001) 3/8" hex nut.	AP2382 f f a b d e BP3001 BP3002 BP3015 BP3116

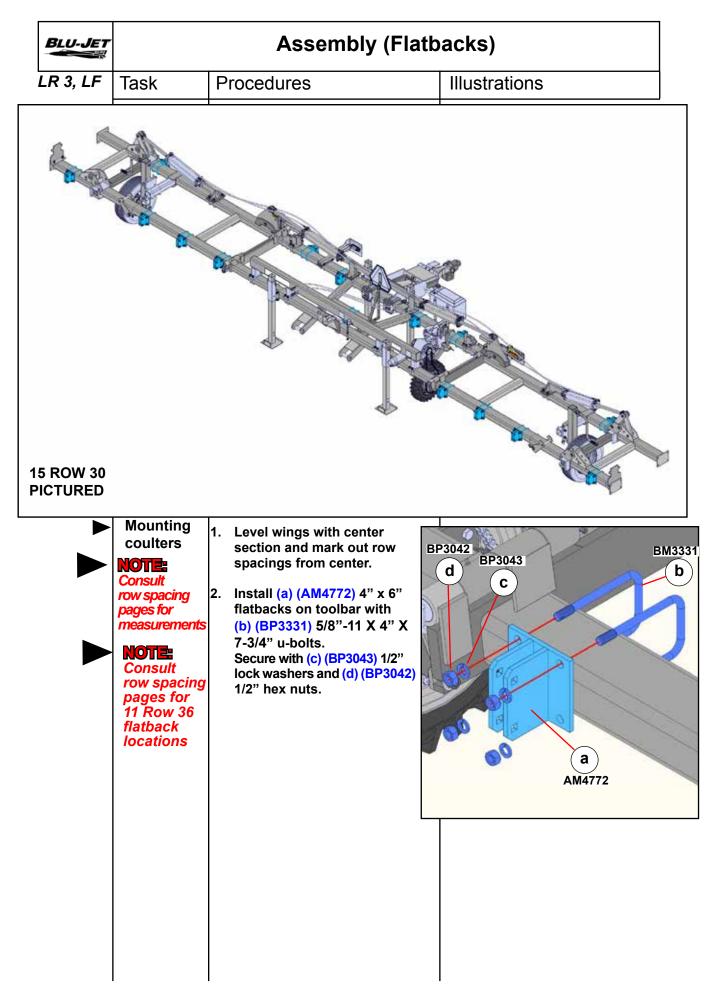


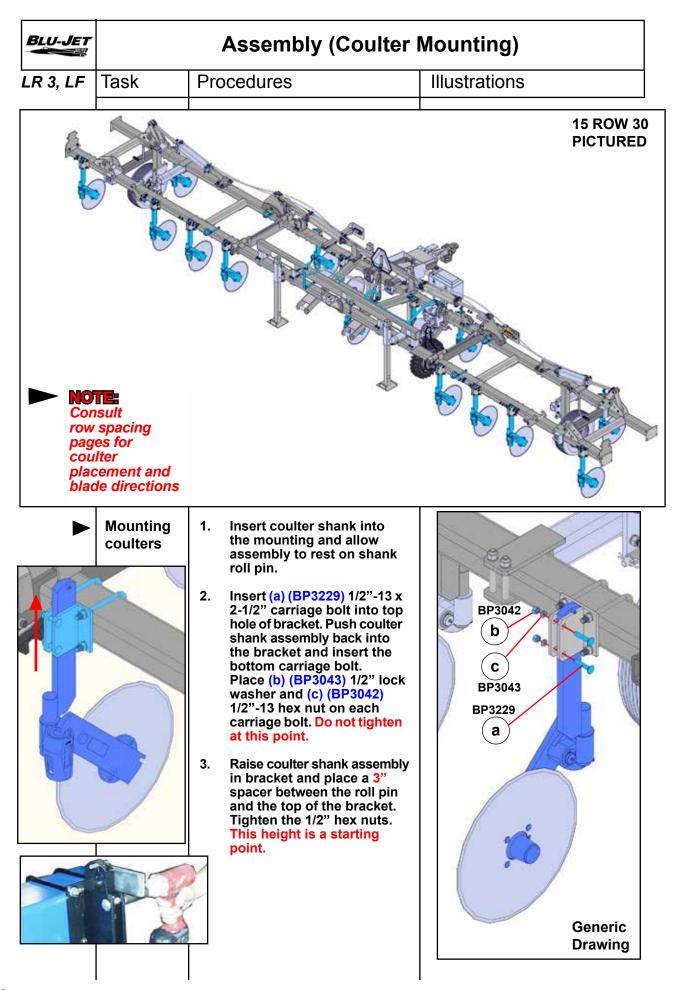
BLU-JET	Assembly (Ground Drive Wheel)						
LR 3, LF	Task	Procedures	Illustrations				
	Installation of roller chain NOTE: Tensioner must be mounted on the slack side of the chain	 23. Place (AP2110) roller chain SS, #50 130 pitch over pump sprocket, under tensioner and around wheel drive sprocket. 24. Remove extra links and connect chain together with (AP2112) #50 stainless connector. 					
►	Securing tension arm mounting bracket	25. Align chain on sprockets. Spin wheel to assure alignment and tighten tension arm mounting bracket hex nuts.	<image/>				
►	Securing hub and spindle assembly	26. Check for alignment and secure set screws and lock nuts on spindle loop.					

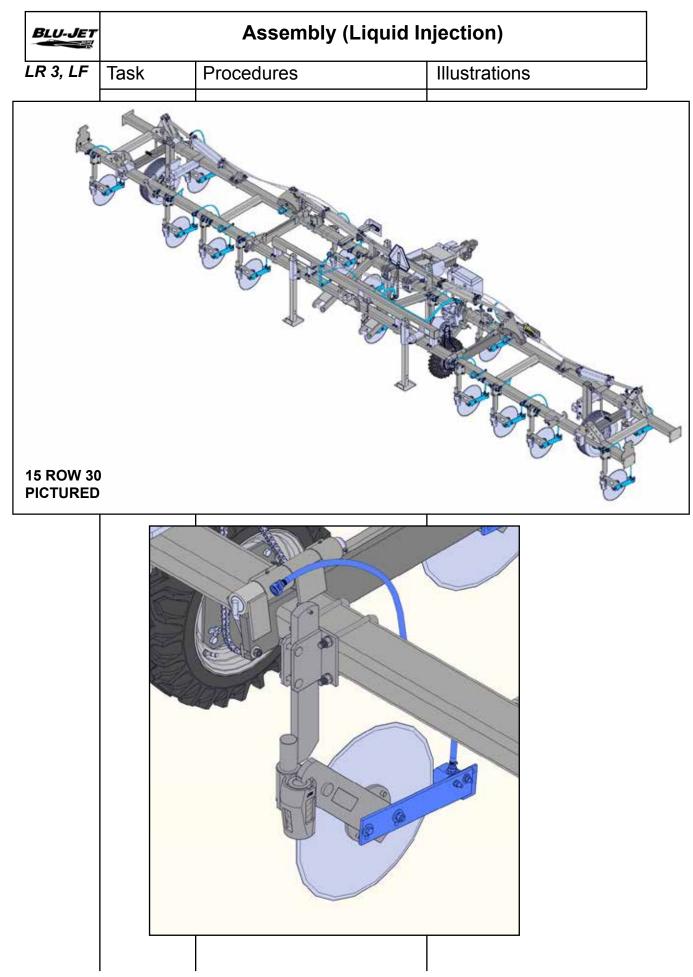


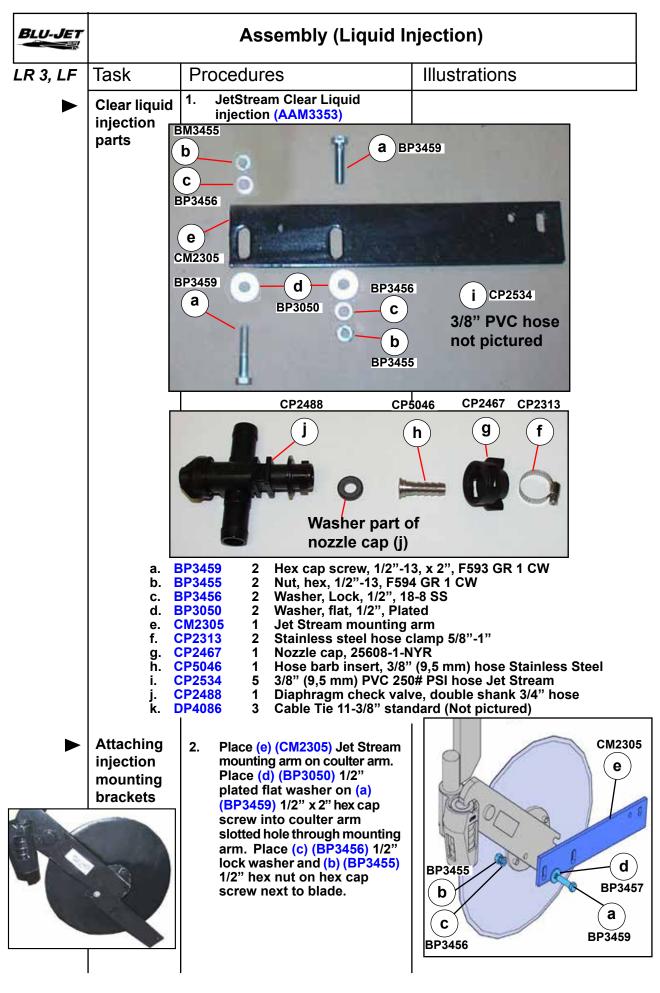


BLU-JET	Coulter Assembly				
LR 3, LF	Task	Procedures	Illustrations		
	Preparing coulters for mounting	 Remove hex cap screws from hub (a) (AM2799) coulter arm with hub and knee casting assembly. 	AP2799 a		
		2. Place (AP2840) 20" smooth coulter blade on coulter assembly and replace hex cap screws.	AP2840 b		
BP3534 f f e BP3519	 Install (c) (BP3466) 2-1/2" OD x 1-3/4" ID, 10 GA., 18-8 SS machinery bushing over (d) (AM2738) 19" coulter shank weldment. Insert the 19" coulter shank into coulter assembly. 	BP3466 C d AM273			
	Start (e) (BP3519) 3/8" x 2-1/2" roll pin in base of coulter shank. Insert the (f) (BP3534) 7/32" x 2/1/2" roll pin in the end of the 3/8" roll pin and drive both pins together. Leave an equal amount of pin on each sides of the shank.	BP3534 f e BP3519			
		 5. Install the (g) (BP3162) 3/8" x 2" roll pin through the shank weldment top hole. AAM2729 Super 1200 coulter 1 row (Blade not part of bundle.) 	Installing roll pin in BP3162 shank g		

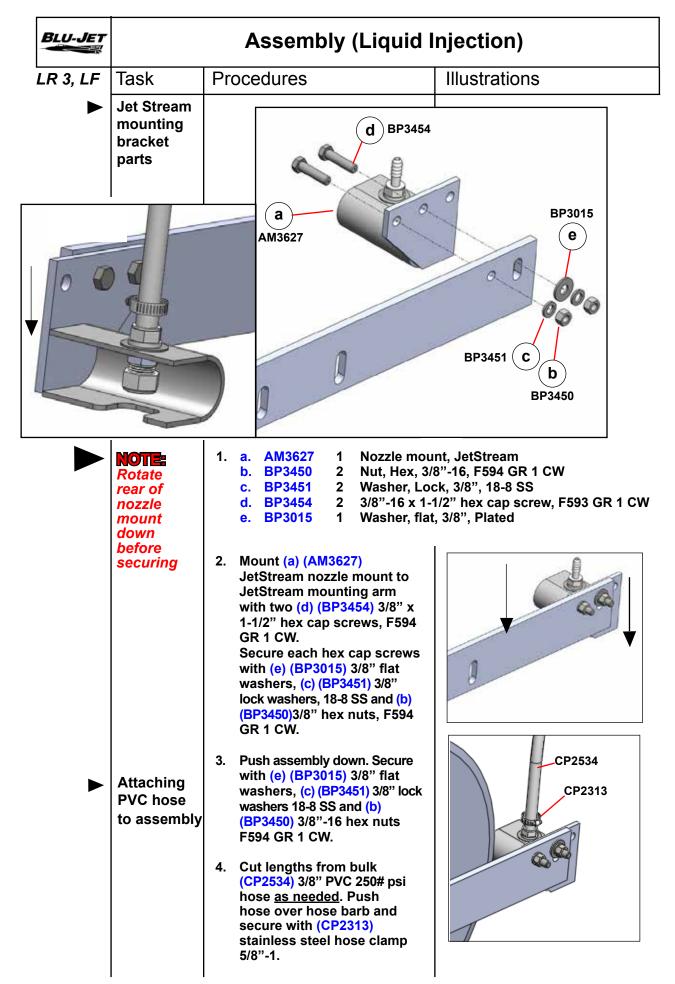








BLU-JET	Assembly (Liquid Injection)				
LR 3, LF	Task	Procedures	Illustrations		
	Attaching injection mounting brackets	 Raise mounting arm and insert (a) (BP3459) 1/2" x 2" hex (cap screw blade side into (coulter arm slotted hole through mounting arm. Place (d) (BP3050) 1/2" flat washer, (c) (BP3456) 1/2" lock washer on hex cap screw. Raise mounting arm and secure with (b) (BP3455) 1/2" hex nut. 	BP3459 a a b BP3050 d b BP3456 BP3455		
	assembly parts	 2. Nozzle Assembly a. CP2313 1 Stainless steel hose clamp 5/8"-1" b. CP2578 1 Straight nozzle body with/nut, 3/8" hose, SS c. CP2537 1 Stream stabilizer -SS d. Orifice plate: CP2541 1 #4916-63 CP2542 1 #4916-70 CP2543 1 #4916-78 CP2545 1 #4916-95 f. CP2589 1 Nozzle cap, SS 	JetStream nozzle mount b CP2578 e BP3461 Machinany		
	Nozzle body assembly	3. Place JetStream nozzle mount in vise. Insert (b) (CP2578) straight nozzle body into (e) (BP3461) 5/8", 1-1/2" OD, 0.78, 18-8 SS, flat washer. Insert into nozzle mount. Place second (e) (BP3461) 5/8", 1-1/2" OD, 0.78, 18-8 SS, flat washer over threads of nozzle assembly, center assembly on slotted hole and secure with nozzle nut. Nozzle assembly should be aligned with blade after coulter assembly is complete.	Machinery bushing Nozzle nut C CP2537 d Orifice plate f CP2589		
	NOTE: Consult rate chart for orifice size	4. Place orifice plate (d) into (f) (CP2589) nozzle cap. Insert (c) (CP2537) stream stabilizer-SS into nozzle cap. Install assembly into nozzle body.			



BLU-JET	Coulter Mounting					
LR 3, LF	Task	Pr	ocedure	es	Illustrations	
		1.	the mou assemb roll pin. Insert (a 2-1/2" (' carriage of brack shank a the brack bottom Place (t	oulter shank into unting and allow oly to rest on shank a) (BP3229) 1/2"-13 x 12,7 mm x 6,4 cm) e bolt into top hole ket. Push coulter issembly back into cket and insert the carriage bolt. b) (BP3043) 1/2" m) lock washer and	BP3042 b C BP3043 BP3229 a	
		3.	(c) (BP3 hex nut bolt. Do point. Raise co	042) 1/2"-13 (12,7 mm) on each carriage o not tighten at this oulter shank assembly ket and place a 3"	~	
-			(8,9 cm) roll pin bracket (12,7 mr <i>This he</i> point.) spacer between the and the top of the . Tighten the 1/2" n) hex nuts. <i>ight is a starting</i>		
				M3357 Coulter Kn	life Adapter	
			56		AAM3357 (1) (9) (2) (6) (5) (6) (5) (6) (5) (6) (5) (6) (5) (6) (5) (6) (5) (6) (5) (6) (5) (6) (6) (6) (6) (6) (6) (6) (6	
	BOM ID	Qty	Item No	Description		
	1	1	AAM3357		R, WITH CO-50 KNIFE, 1 ROW	
	2	1	AM3313	KNIFE HOLDER/ MOUNTI		
	3	1	AM3324	ADAPTER PLATE, COULT		
	4	4	BP3041	HEX CAP SCREW, 1/2"-13		
	6	6	BP3042 BP3043	NUT, HEX, 1/2"-13, GRADE WASHER, LOCK, 1/2", PL	· · · · · · · · · · · · · · · · · · ·	
	7	6	BP3050	WASHER, FLAT, 1/2", PLA		
	8	2	BP3126		X 1-1/2". GRADE 5. PLATED	

8

9

BP3126

CP5038

HEX CAP SCREW, 1/2"-13 X 1-1/2", GRADE 5, PLATED

CO-50 3/8" LIQUID KNIFE EXTRA THIN

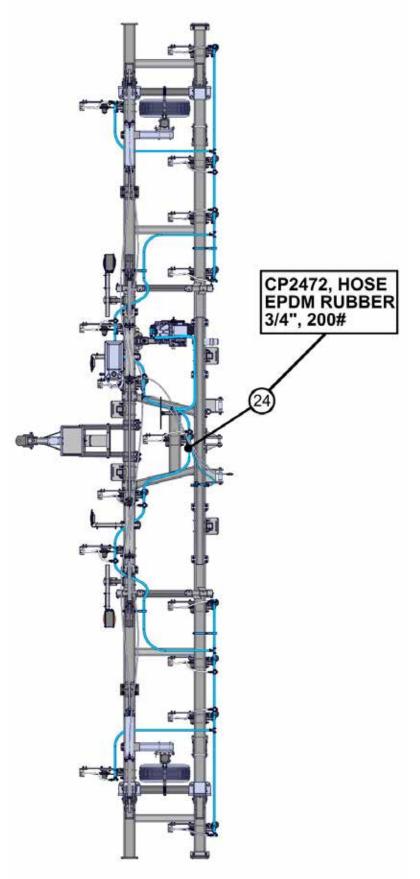
2

1

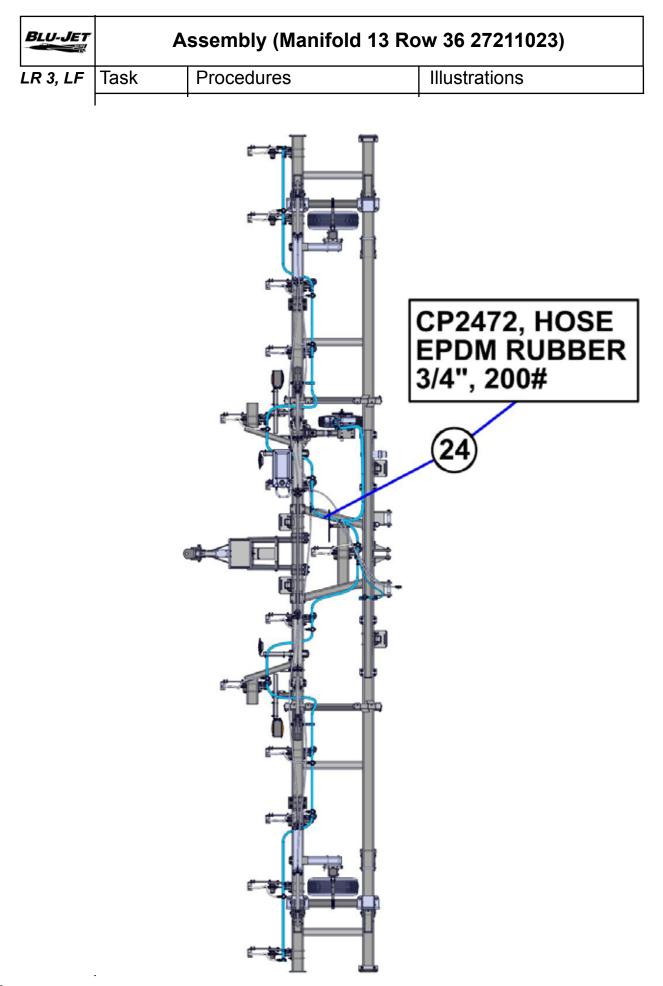
BLU-JET	Assembly (Knife Injection)					
.R 3, LF	Task	Procedures	Illustrations			
	Assemble knife holder and adapter plate	 Pre-assemble (2) (AM3313) mounting arm knife holder and (3) (AM3324) coulter knife adapter plate. Secure assembly with (8) (BP3126) 1/2" x 1-1/2", grade 5, hex cap screws, (7) (BP3050) 1/2", flat washers, (6) (BP3043) 1/2", lock washers and (5) BP3042) 1/2", hex nuts. 	BP3126 8 7 BP3050 2 AM3313 7 BP3050 6 BP30 AM3324 3 5 BP304			
	Mounting to coulter arm	 Mount assembly to coulter arm by inserting (4) (BP3041) 1/2"x 2", grade 5, hex cap screw into notched hole at the base of coul ter arm. Install (6) (BP3043) 1/2", lock washer and (5) (BP3042) 1/2", hex nut. Insert (4) (BP3041) 1/2" x 2", grade 5, hex cap screw into adapter plated through hole in coulter arm. Secure with (6) (BP3043) 1/2", lock washer and (5) (BP3042) 1/2", hex nut. Tighten each 1/2" hex nuts. 	5 BP304 4 BP3041 6 BP3043 5 BP3043 5 BP3043			
	Attaching knife	 5. Attach (9) (CP5038) liquid knife to mounting arm with (8) (BP3126) 1/2" x 1-1/2", grade 5, hex cap screws, (7) (BP3050) 	BP3043 6 5 BP3042 BP3050 7 9 CP5038 BP3126 7 BP3050			
		 1/2" flat washers, (6) (BP3043) 1/2" lock washers and (5) BP3042) 1/2" hex nuts. Adjust the knife and knife holder arm until the knife is 1/2" from blade. This is a starting point. Center of knife must align with blade edge to avoid trash plugging. 				

BLU-JET	Assembly (Hose Support Clamps)								
LR 3, LF	Task	Procedures	Illustrations						
	Attaching hose support clamps NOTE: Do not tighten	 ng 1. Remove 1/2" hex nut and lock from top carriage bolt of each flatback. Install (a) (AM3628) liquid trunk line mounting bracket over carriage bolt. Replace 1/2" lock and hex nut. 2. Attach (b) (AP3809) 1-1/4" hose support clamp to (a) with (c) (BP3453) 3/8" x 1" hex cap screw, (d) (BP3451) 3/8" lock washer, 18-8 SS and (e) (BP3450) 3/8" hex nut, F594 GR 1 CW. 	BP3453 AM3628 AM3628 AP3809 d BP3450 BP3450 C BP3450 C BP3451 BP3450						
		15 ROW 30 PICTURED	BP3451 (d) (e) BP3450						

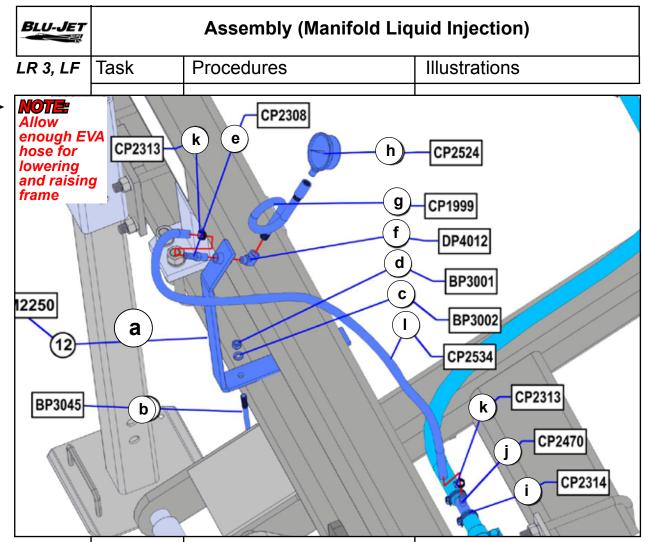
BLU-JET	А	Assembly (Manifold 15 Row 30 27211020)					
LR 3, LF	Task	Procedures	Illustrations				



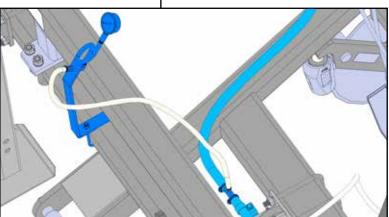
BLU-JET	Assembly (Hose Support Clamps)								
LR 3, LF	Task	Procedures	Illustrations						
	Attaching hose support clamps NOTTE: Do not tighten hose support clamps until hoses are inserted and adjusted	 Remove 1/2" hex nut and lock from top carriage bolt of each flatback. Install (a) (AM3628) liquid trunk line mounting bracket over carriage bolt. Replace 1/2" lock and hex nut. Attach (b) (AP3809) 1-1/4" hose support clamp to (a) with (c) (BP3453) 3/8" x 1" hex cap screw, (d) (BP3451) 3/8" lock washer, 18-8 SS and (e) (BP3450) 3/8" hex nut, F594 GR 1 CW. Wiff (C) (BP3450) 3/8" hex nut, F594 GR 1 CW. 	BP3451 BP3451 C AP3809 C BP3450 C BP3450 C BP3451 C BP3450 C BP3450 C BP3450 C BP3450 C BP3450 C BP3450 C BP3450 C BP3450 C BP3450 C BP3450 C BP3450 C BP3450 C BP3450 C BP3450 C BP3450 C BP3450 C BP3451 C BP3450 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C BP3451 C C BP3451 C C BP3451 C C BP3451 C C BP3451 C C BP3451 C C BP3451 C C C C C C C C C C C C C C C C C C C						
	11 ROW 30 PICTUREE	- CONA							



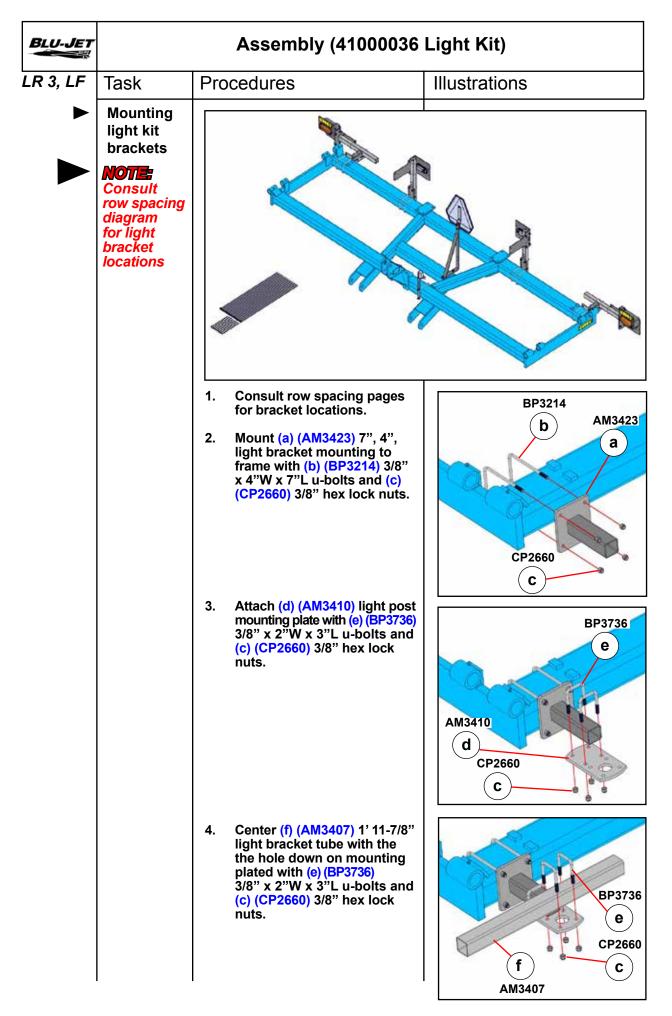
BLU-JET		Assembly (Manifold Liqu	uid Injection)
LR 3, LF	Task	Procedures	Illustrations
CP2314 (a CP2488 (b) CP2313 (C)	NOTE: Allow extra hose in hinge areas to avoid kinking of hose NOTE: Start with the end row Complete end row assembly. Secure end row with cable ties. Pull hose to next row and cut hose	 Work hose down toolbar frame through hose retainers and hose support clamps. <i>Cut and complete each row assembly before cutting the next row.</i> Cut 3/4" hose at each row. Place (a) (CP2314) 1/2" - 1" worm gear hose clamp over each end of the 3/4" hose. Insert (b) (CP2488) diaphragm check valve, double shank 3/4" hose into each end of the 3/4" hose. Secure with worm gear hose clamps. Secure 3/4" hose to row (AP2200) 1 1/4" hose output 	ert rt rt rt rt rt rt rt rt rt
Hose Suppo AP3809	neric Photo	Cable ties	CP2534



- Attach (a) (EM6680) frame gauge mount to frame with (b) (BP3045) 3/8" x 6"W x 5"L u-bolt. Secure with (c) (BP3002) 3/8" lock washers and (d) (BP3001) 3/8" hex nuts.
- 2. Tape pipe threads on (e) (CP2308) hose barb and install in gauge mount front weldment.
- Tape pipe threads on (f) (DP4012) 4mp-4mp, 90 degree street elbow and install in gauge mount rear weldment.
- 3. Tape threads of (g) (CP1999) pigtail gauge protector and install in (a).
- 4. Place two drops of any clear oil in top opening of (g).
- 5. Tape threads of (h) (CP2524) glycerin filled gauge and install in top port of pigtail gauge protector.
- 6. Cut 3/4" hose between center rows and place (i) (CP2314) worm gear hose clamps 1/2"-1" on each hose end.

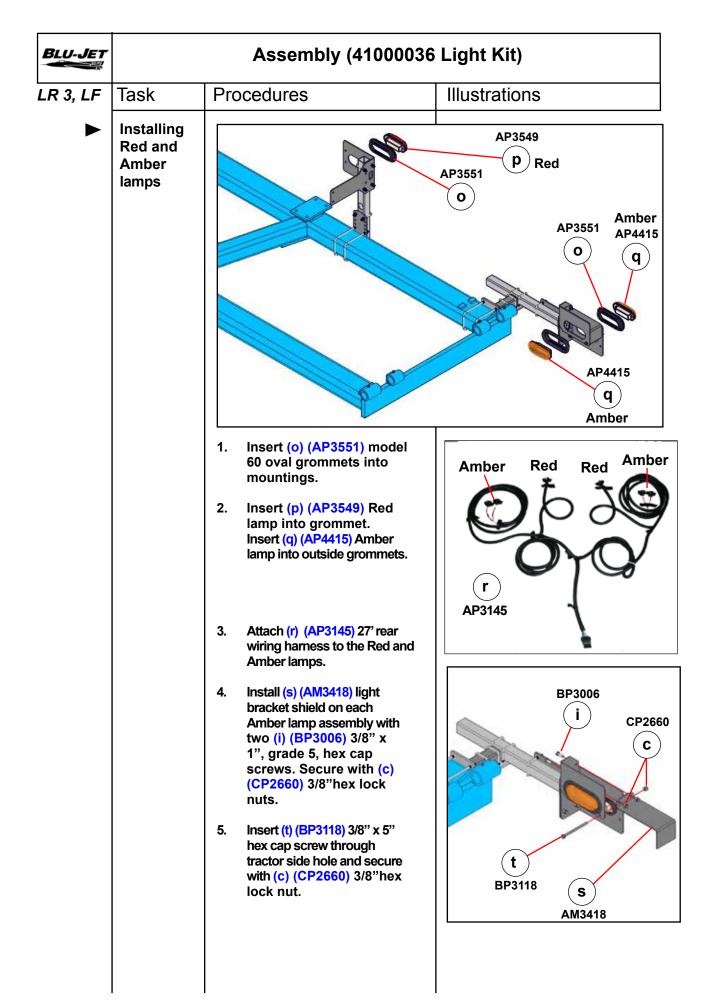


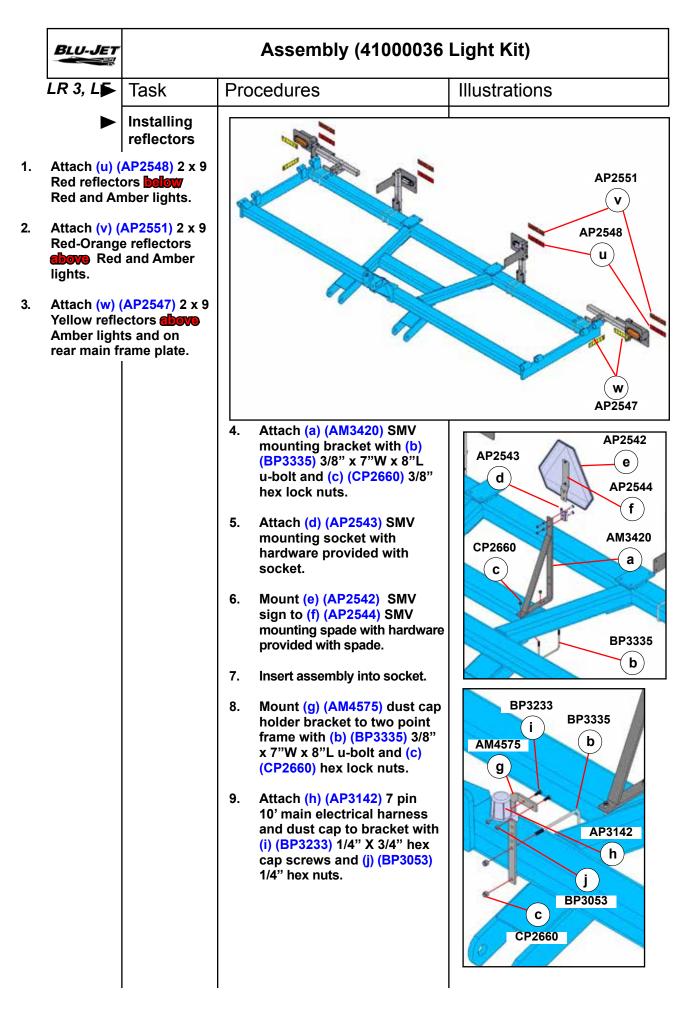
- Insert (j) (CP2470) 3/8HB 3/4HB -- 3/4HB tee into 3/4" hose. Point 3/8HB end up. Tighten worm gear clamps.
- Place (k) (CP2313) worm gear hose clamp 1/4" - 5/8" on (l) (CP2534) 3/8" EVA hose. Install hose on tee. Tighten worm gear clamp. Extend EVA hose to (e).
- Place (k) (CP2313) worm gear hose clamp 1/4" - 5/8" on (I) (CP2534) 3/8" EVA hose. Install on (e). Tighten worm gear clamp.

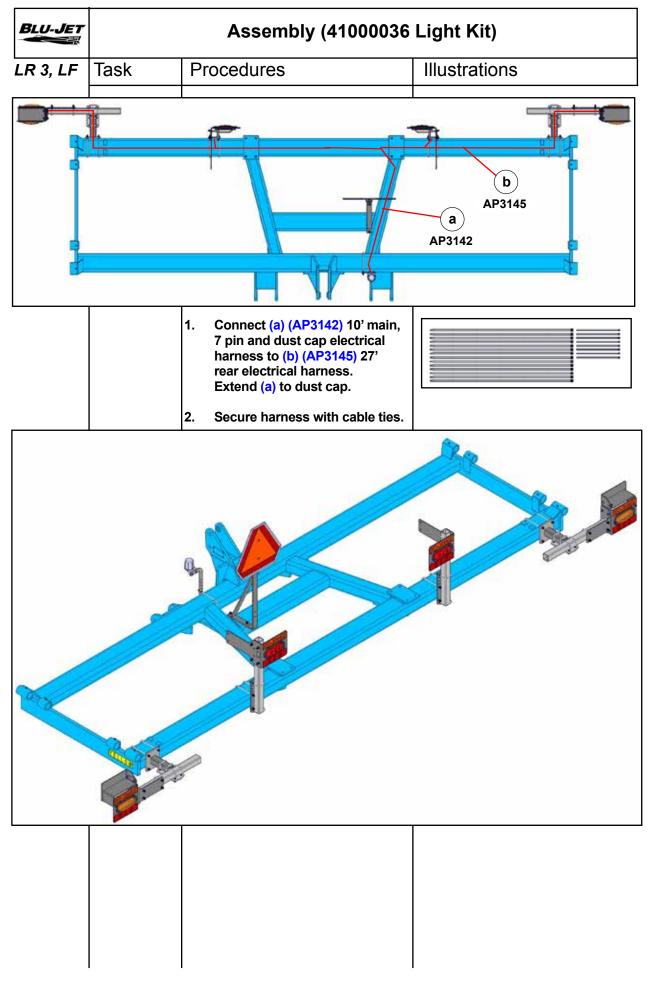


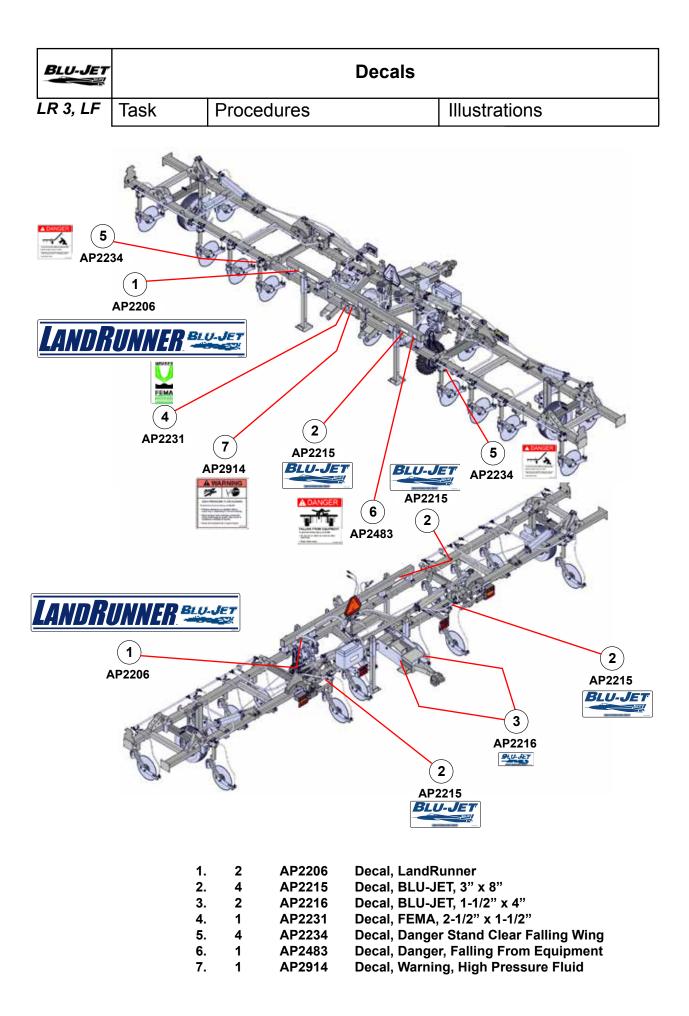
BLU-JET	Assembly (41000036 Light Kit)									
LR 3, LF	Task	Procedures	Illustrations							
	Mounting light kit brackets	 Mount (g) (AM3422) side mount bar light bracket to outside tube end with (e) (BP3736) 3/8" x 2"W x 3"L u-bolts and (c) (CP2660) 3/8" hex lock nuts. 	CP2660 C C BP3736 G AM3422							
		2. Attach (h) (AM3421) side mount light bracket with (i) (BP3006) 3/8" x 1", hex cap screws and (c) (CP2660) 3/8" hex lock nuts.	AM3421 h i c BP3006 CP2660							
		3. Mount (j) (AM3417) light bracket front RH to assembly with (k) (BP3005) 3/8" x 1-1/2" hex cap screws and (c) (CP2660) 3/8" hex lock nuts.	Left-hand from the rear CP2660 C k BP3005 AM3417							
		4. Mount (I) (AM3415) light bracket front LH to assembly with (k) (BP3005) 3/8" x 1-1/2" hex cap screws and (c) (CP2660) 3/8" hex lock nuts.	Right-hand from the rear AM3415 BP3005 CP2660							

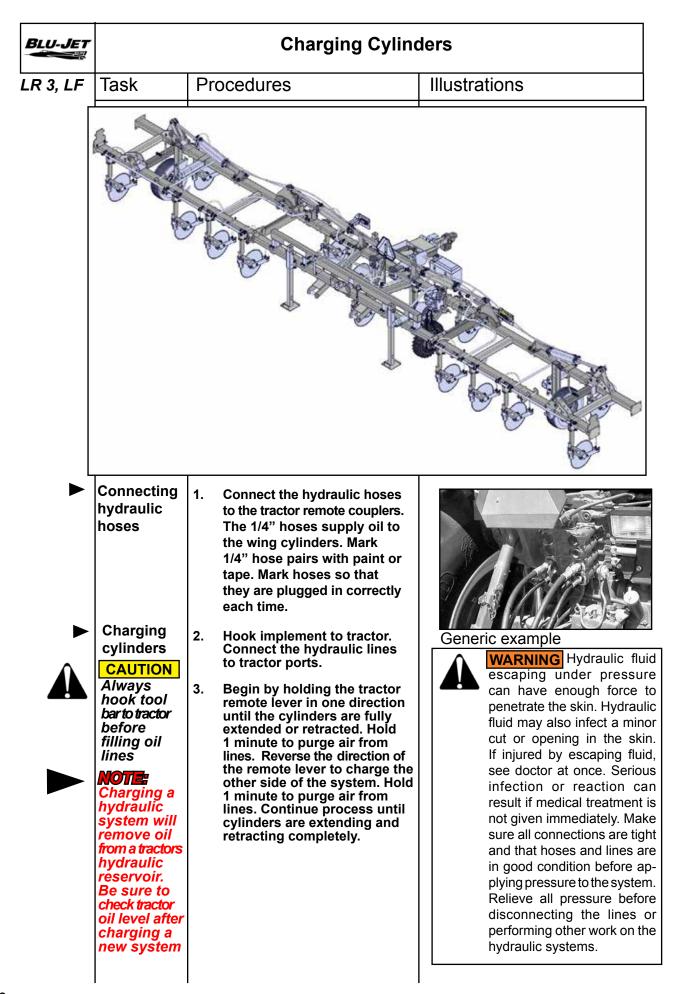
BLU-JET			Assembly (41000036	Light Kit)
LR 3, LF	Task	Pr	ocedures	Illustrations
	Mounting light kit brackets	1. 2.	Consult row spacing pages for bracket location. Secure (m) (AM3408) light post T mounting plate to frame with (b) (BP3214) 3/8" x 4"W x 7"L u-bolts and (c) (CP2660) 3/8" hex lock nuts.	AM3408 CP2660 m C BP3214 b
		3.	Attach (f) (AM3407) 1' -11-7/8" light bracket tube with (e) (BP3736) 3/8" x 2"W x 3"L u-bolts and (c) (CP2660) 3/8" hex lock nuts.	f BP3736 f e AM3407 CP2660 C c
		4.	Mount (n) (AM3414) rear light bracket even with top of tube with (e) (BP3736) 3/8" x 2"W x 3"L u-bolts and (c) (CP2660) 3/8" hex lock nuts.	BP3736 CP2660 AM3414 N











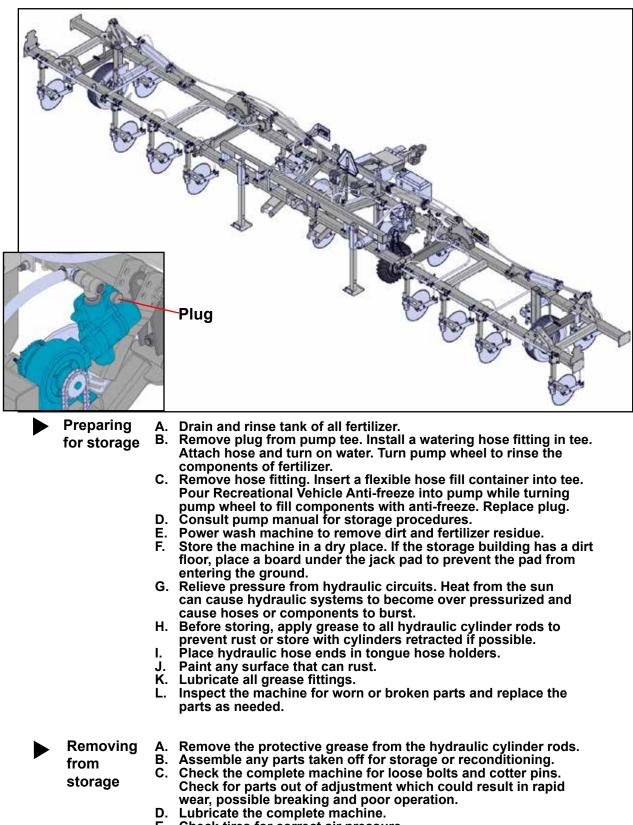


Specifications

LR 3, LF	Tractor Attachment: <u>3 Point</u>
	Main frame Heavy Duty 4" x 6"
	Weight 13'6" Center, 8'7" Primary Wing, 2'8" Outer Wing, 5,914 lbs.
	Toolbar Rank 38"
	Transport Width: 15R30: 19'-7" 13R36: 18'-5'
	Blade 20 in. Smooth
	Pull Pin KitCAT. III
	<u>Fold Cylinder Size</u> 4 x 24 (3,000 psi. SAE-34024) Repair Kit: DP 4310 4 x 20 (3,000 psi. SAE-34000) Repair Kit: DP 4310
	<u>Vertical Pin Adjust Gauge Wheels, 1 pair, Weight: 237 lbs.</u> <u>Gauge Wheel Tire</u> 20.5 x 8.0-10, 10 x 6 (32 PSI. Max.)
	<u>Manual Adjust Gauge Wheel 1 pair, Weight: 422 lbs.</u> <u>Gauge Wheel Tire</u> 27 x 9.5-15, 6 Ply, 15 x 6 x 6 (32 PSI. Max.)
	Nurse Tank Hitch Auto-Lok 4" x 6" with Hardware 356 lbs.
	JetStream Assembly 106 lbs.
	Coulter Knife Liquid Assembly 201 lbs.
	Ground Drive Pump Kit 50 Tooth Sprocket 183 lbs.
	Ground Drive Pump Kit 60 Tooth Sprocket 186 lbs.
	Single Piston Pump 105 lbs.
	Twin Piston Pump 155 lbs.
	Lighting Kit Standard
	<u>Safety Water Tank</u> Standard
	Coulter Super 1200 Flex Weight: 60 lbs.
	Remote Outlets
	Warranty 5 year Frame/1 year Components

BLU-JET





- E. Check tires for correct air pressure.
- F. Check wheel bolt torque.
- G. Remove plug from pump tee. Install a watering hose fitting in tee. Attach hose and turn on water. Turn pump wheel to rinse the components of anti-freeze.

_		-
BL	U-1	JE1
		10.10

Torque Specifications

LR 3, LF

Task

Procedures

Illustrations

NOTE: Use these torque's unless special torque's are specified. Values are for UNC and UNF thread fasteners, plated or un-plated, as received from supplier. Fasteners can be dry or lubricated with normal engine oil. Values do not apply if graphite, moly-disulphide or other extreme pressure lubricant is used.

SAE Grade No.	2			5			*8					
Bolt head identification (see Note 1)	\bigcirc			$\langle -\langle$	$\rangle \in$	$\overline{\langle \cdot \rangle \langle \cdot \rangle}$		$\langle \cdot \rangle \langle * \rangle \langle \cdot \rangle \rangle$			$\overline{}$	
Bolt Size	LB	B FT	N	٧m	LB	FT	N	lm	LB I	ŦΤ	N	m
Doit Size	Min.	Max.	Min.	Max	Min.	Max.	Min.	Max	Min.	Max.	Min.	Max
1/4	5	6	7	8	9	11	12	15	12	15	16	20
5/16	10	12	14	16	17	20.5	23	28	24	29	33	39
3/8	20	23	27	31	35	42	48	57	45	54	61	73
7/16	30	35	41	47	54	64	73	87	70	84	95	114
1/2	45	52	61	70	80	96	109	130	110	132	149	179
9/16	65	75	88	102	110	132	149	179	160	192	217	260
5/8	95	105	129	142	150	180	203	244	220	264	298	358
3/4	150	185	203	251	270	324	366	439	380	456	515	618
7/8	160	200	217	271	400	480	542	651	600	720	814	976
1	250	300	339	406	580	696	787	944	900	1080	1220	1464
1 1/8					800	880	1085	1193	1280	1440	1736	1953
1 1/14	*Th	nick nuts	must be i	used	1120	1240	1519	1681	1820	2000	2468	2712
1 3/8		n Grade 8		useu	1460	1680	1980	2278	2380	2720	3227	3688
1 1/2	witt		, 00163		1940	2200	2631	2983	3160	3560	4285	4827
NOTE 1: Bolt head	l identific	cation ma	ark as pe	r grade. I	Manufact	turing ma	arks will	vary.				

HYDI	STANDARD TORQUE DATA HYDRAULIC TUBES AND FITTINGS O-ring boss Plugs, Adjustable Fitting					
		ivel ЛС-3				
	LB	FT	N	m		
	Min.	Max.	Min.	Max.		
SIZE						
4	6	10	8	14		
5	10	15	14	20		
6	15	20	20	27		
8	25	30	34	41		
10	35	40	47	54		
12	60	70	81	95		
14	70	80	95	109		
16	80	90	108	122		
20	95	115	129	156		
24	120	140	163	190		
32	250	300	339	407		
Above torque figures are recommended for plain, cadmium or zinc plated fittings, dry or wet installation and swivel nuts either swaged or brazed.						

BLU-JET	Hydraulic Cylinder Repair Kits								
LR 3, LF	Task	Procedure	Procedures			IS			
MFG #	Bore/	ľ		·					
TMC # SAE-34024 DP 4248	Stroke 4" X 24"	Repair Kit PMCK-SAE-34000 DP 4310	Clevis 100000326 DP 4115	Butt 14190003 DP 4270	Gland 87 081900354 DP 4326				
SAE-34020	4" X 20"	PMCK-SAE-34000	100000326	14190003	081900354				
DP 4375		DP 4310	DP 4115	DP 4270	DP 4326				
MFG #	Bore/				4 Req	2 Req	4 Req		
TMC # SAE-34024 DP 4248	Stroke 4" X 24"	Piston 071900260 DP 4328	Piston Rod 011000324 DP 4336	Barrel 05190001 DP 4347	Tie Rod 15 170301292 DP 4352	Clevis Pin 190400035 BP 3497	Cotter Pin 220001504 BP 3511		

SAE-34020	4" X 20"	071900260	011000323	051900014	170301252	190400035	220001504
DP 4375		DP 4328	DP 4357	DP 4353	DP 4354	BP 3497	BP 3511

.

. .



Tie-rod Cylinder Disassembly - Assembly Procedure

LR 3, LF

With cylinder removed from machine, clean, drained of oil and fully retracted, proceed as follows:

Disassembly:

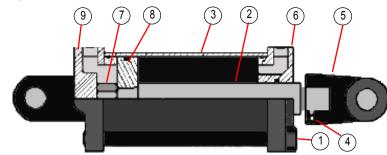
- 1. Secure cylinder in vice or other method to prevent rotation. With the immediate area clean of dirt so parts can be laid out.
- 2. Remove tie-rod nuts, item (1).
- 3. Pull rod assembly from cylinder. Remove tube, item (3).
- 4. Loosen nut item (4), and remove clevis, item (5), from rod assembly.
- 5. Place rod assembly in vice with copper or brass jaws so as not to damage.
- 6. Remove all seals from items (6), (8), and (9) for replacement. Clean and inspect all parts, for damage (nicks, scratches, cracks and etc.) replace as necessary. If you have any question please contact Prince Hydraulics (712) 235-1220.

Reassembly:

- 1. Replace all seals in items (6), (8), and (9). Do not replace small O-ring on ID of piston, item (8), until ready to attach rod, item (2).
- 2. Place small ID O-ring seal for piston over rod turndown and apply light coat of grease to seal. Slip piston, item (8), onto turndown with ID counter bore towards rod shoulder. Take care not to pinch O-ring between piston and rod shoulder. Replace nut, item (7), and secure.
- 3. Apply light coat of grease to seals in gland, item (6), and slip gland over rod end, carefully so as not to damage seals. Slip entire assembly into lightly oiled tube, item (3), piston first. Insure tube slips up over OD seals of gland.
- 4. Take total assembly in step 3 and slip tube over OD seal on butt, item (9). Align ports in butt and gland and apply nuts, item (1), to tie-rods and toque uniformly.

<u>Tie-rod</u> 3/8" tie-rods 20-23 ft./lbs. (27-31 Nm) 1/2" tie-rods 45-52 ft./lbs. (61-70 Nm) 5/8" tie-rods 95-105 ft./lbs. (129-142 Nm) 3/4" tie-rods 150-165 ft./lbs (203-224 Nm)

5. Test for leaks and reinstall in machine. If you have any problems contact Prince Hydraulics (712) 235-1220.



WARNING: Make sure you perform the required service and adjustments correctly. Failure will damage machine or injure operator.

- 6. The hydraulic system MUST have the air removed from the system after initial machine set-up or following the repair or replacement of any part of the system.
- 7. Connect implement to the tractor drawbar correctly before operating or making any adjustments.

BLU-JET	Notes			
LR 3, LF	Task	Procedures		Illustrations