



ADT SCRAPER

WARRANTY REGISTRATION

TF +1 866 496 7561

P +1 204 746 6435

F +1 204 746 2309

164 2nd Avenue East, Box 257
Rosenort, MB R0G 1W0, Canada

WARRANTY DOCUMENT GUIDE

By completing the registration checklist below, K-Tec Earthmovers Inc. ("K-Tec") Standard warranty which is twelve (12) months from the date of shipment from the factory or two thousand (2,000) machine hours, whichever comes first, will be replaced by a Extended limited warranty, which is thirty-six (36) months from the in-service date specified on the Extended limited warranty Registration Form or six thousand (6,000) machine hours, whichever comes first. Other than the period of coverage, the same terms and conditions of the Standard Warranty shall apply to the Extended limited warranty, as outlined in the K-Tec Scraper Warranty Policy.

To register a K-Tec Scraper for the Extended limited warranty, the documents listed on the registration checklist below must be submitted to a K-Tec Certified Dealer or direct to K-Tec within thirty (30) days of purchase. If the registration and supporting documents are not received, the Standard Warranty shall apply and the limited structural warranty period shall commence on the date the K-Tec Scraper is shipped by K-Tec and terminate twelve (12) months therefrom.

Demonstration and Rental K-Tec Scrapers: In order for a K-Tec Scraper that is used as a demonstration or rental unit to qualify for the Extended limited warranty, the K-Tec Certified Dealer must submit the Extended limited warranty Registration Form and PDI & In Service Warranty Form within thirty (30) days of the date on which the K-Tec Scraper was first utilized as a demonstration or rental unit. The in-service date specified on the Extended limited warranty Registration Form must be indicated as the date on which the K-Tec Scraper was first used as a demonstration or rental unit, and the Extended limited warranty will run from that specified in-service date, notwithstanding any subsequent purchase of a demonstration or rental K-Tec Scraper by a customer.

REGISTRATION CHECKLIST

- ☐ Extended limited warranty Registration Form – Page 3
- ☐ Privacy and CASL Consent Form – Page 4
- ☐ PDI & In Service Warranty Form – Page 5
- ☐ Bill of Sale (OPTIONAL)
- ☐ Submit above documents to K-Tec or a K-Tec Certified Dealer

K-Tec Certified Dealers: Register online using the Dealer Portal at portal.ktec.com

Direct Customers: Register online at ktec.com/warranty-registration or submit scanned documents via email to sales@ktec.com or fax to 1-204-746-2309



Dealer? Scan QR code to login to K-Tec Portal and complete registration online.



Direct Customer? Scan this QR code to fill out this form online.

EXTENDED LIMITED WARRANTY REGISTRATION

Customer Information

COMPANY NAME: _____

FIRST NAME: _____ LAST NAME: _____

PHONE : _____ EMAIL: _____

POSITION: _____

BILLING ADDRESS: _____

CITY _____ STATE/PROV.: _____ POSTAL CODE: _____

☐ Shipping Address is the same as Billing Address

SHIPPING ADDRESS: _____

CITY _____ STATE/PROV.: _____ POSTAL CODE: _____

Dealership Information

DEALERSHIP NAME: _____

DEALER SALES REPRESENTATIVE: _____

ADDRESS: _____

CITY _____ STATE/PROV.: _____ POSTAL CODE: _____

PHONE : _____ EMAIL: _____

Scraper Information

SERIAL NUMBER : **KS** _____ MODEL NUMBER: _____

DELIVERY DATE: _____ **IN SERVICE DATE*:** _____

***In service date must be completed to register scraper for the Extended limited warranty. Blank In Service dates will void this registration and the Standard Warranty shall apply commencing at the date shipped by K-Tec.**

For demonstration and rental units, the date on which the K-Tec Scraper was first used as a demonstration or rental unit must be specified here.

☐ I confirm that I have read the K-Tec Scraper Warranty Policy, exclusions and guidelines of K-Tec and want to register my scraper for the Extended limited warranty.

☐ I acknowledge and agree that registration for the Extended limited warranty requires my consent to the collection, use and disclosure of information about me as described in the attached Privacy and CASL Consent.

CUSTOMER SIGNATURE: _____ DATE: _____

DEALER SIGNATURE: _____ DATE: _____

PRIVACY AND CASL CONSENT

Consent to the Collection, Use, and Disclosure of Customer Information

This consent is to permit K-Tec Earthmovers Inc. ("K-Tec"), the manufacturer of my equipment, to collect my information for the purposes of administering the warranty for the K-Tec products I purchase (including my ongoing eligibility for such warranty), in addition to offering warranty assistance, providing information on current and future products and services, data collection for the purposes of improving K-Tec's products and services, follow-up to any inquiries, general administration of the customer relationship between myself, the K-Tec Certified Dealer (the "Dealer") if applicable, and K-Tec and sending promotional emails of upcoming events in accordance with K-Tec's privacy policy that is available at <https://ktec.com/privacy-policy> ;(collectively, the "Purposes").

This Consent is to permit the following information to be shared to K-Tec either by direct contact or through the Dealer: Company Name, Mailing Address, Shipping Address, Customer Representative Name, Position, Email, and Phone (collectively, the "Customer Information"). Customer Information collected by K-Tec will also include data from the use of my equipment, including location and directional information, and equipment conditions at points in time ("Telematics Data").

Where the Customer Information includes personal information, applicable privacy laws require K-Tec and the Dealer to obtain my consent to the collection, use and disclosure of the Customer Information. As such, this consent form will permit K-Tec to collect the Customer Information. Where the Customer Information includes personal information of my employees, I represent and warrant that I have obtained any and all consents as may be required for K-Tec to collect such Customer Information in accordance with applicable privacy laws.

The Customer Information will be used by K-Tec for the Purposes as set out herein. For greater certainty, Telematics Data will be used by K-Tec for the purposes of administering the warranty for K-Tec products and for the purposes of improving K-Tec's products and services.

Consent to Electronic Communications

K-Tec would also like to send you electronic communications such as e-mails about its products and services including about your existing products and services as well as news, updates, and new offers and opportunities. To comply with the Canadian Anti-Spam Legislation, K-Tec is required to obtain your consent prior to sending you such communications. Please confirm your consent to receiving such communications by checking the box below. You may opt-out of receiving such communications at any time by contacting K-Tec at: Box 257, Rosenort, Manitoba, Canada, R0G 1W0, sales@ktec.com or 204-746-6435. Please note that K-Tec may still send you communications for which they do not require consent.

☐ Please check here to confirm that you consent to receiving communications from K-Tec as described above.

By initialing this consent form, I am consenting to the collection, use and disclosure of the Customer Information as described above. I understand I can find out more about K-Tec's privacy practices by accessing its Privacy Policy at <https://ktec.com/privacy-policy>, by contacting sales@ktec.com or by calling 204-746-6435.

Customer Initial: _____

Dealer Initial: _____

POST DELIVERY INSPECTION & IN-SERVICE WARRANTY FORM

ADT SCRAPER

Serial No: KS Production No: _____

Model No: _____



NOTICE

It is the **DEALER'S** and **OWNER'S** obligation to complete this checklist and return it to K-Tec within 30 days of the in-service date. Failure to do so disqualifies this unit from extending its factory warranty to 3 years.

POST DELIVERY INSPECTION CHECKLIST

	SHIPPING INSPECTION			DELIVERY INSPECTION			AFTER 10HRS OF USE		
	PASSED	FAILED	CORRECTED	PASSED	FAILED	CORRECTED	PASSED	FAILED	CORRECTED
GENERAL									
Verify cleanliness - power wash	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Check torque markings around machine (1.A)				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check all safety guards, decals, reflectors, and lights - Refer to parts manual	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Touch-up paint chips from shipping chains (2.A)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Cycle each hydraulic function (2.B)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
CUTTING EDGE									
Check for cracks from transportation (2.C)				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
HITCHPOLE									
Manual in holder tube	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Check accumulator nitrogen pre-charge (3.A)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check ADT Neck for hydraulic leaks (3.B)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check Correct Hydraulic hose couplers are on the correct hydraulic hose assembly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All hydraulic couplers remained locked connected to ADT Hitch. (3.C)				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Grease ball and cup (4.A)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEFT SIDE									
Check all pins and lock bolts (4.B)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check safety pin & block (4.C)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check for hydraulic leaks (5.A)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
REAR									
Check axle block bolts (5.B)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check safety lights (5.C)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check for hydraulic leaks (6.A)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check all pins and lock bolts (6.B)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check ejector rollers/slider blocks (6.C)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
RIGHT SIDE									
Check all pins and lock bolts (7.B)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check safety pin & block (7.C)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check for hydraulic leaks (8.A)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SCRAPER TIRES									
Check Left Tire PSI (7.A)	_____ PSI			_____ PSI			_____ PSI		
Check Left Center Tire PSI (7.A)	_____ PSI			_____ PSI			_____ PSI		
Check Right Center Tire PSI (7.A)	_____ PSI			_____ PSI			_____ PSI		
Check Right Tire PSI (7.A)	_____ PSI			_____ PSI			_____ PSI		

POST DELIVERY INSPECTION & IN-SERVICE WARRANTY REGISTRATION



NOTICE

It is the **DEALER'S** and **OWNER'S** obligation to complete this checklist and return it to K-Tec within 30 days of the in-service date. Failure to do so disqualifies this unit from extending its factory warranty to 3 years.

ARTICULATED DUMP TRUCK

Truck Serial No: _____ Truck Model No: _____

TRACTOR TIRES

Check Rear Tires PSI (Consult ADT Operators Manual for PSI) _____
 Check Middle Tires PSI (Consult ADT Operators Manual for PSI) _____
 Check Front Tires PSI (Consult ADT Operators Manual for PSI) _____

DELIVERY INSPECTION		AFTER 10HRS OF USE	
_____ PSI	_____ PSI	_____ PSI	_____ PSI
_____ PSI	_____ PSI	_____ PSI	_____ PSI
_____ PSI	_____ PSI	_____ PSI	_____ PSI

For optimal scraper use, 35 PSI for rear and middle tires and 40 PSI for front tires is effective on 40 ton trucks

HYDRAULICS

Begin testing the Ejector making sure to cycle through 3 times. Using operator's preference, set the ejector mode. Refer to ELS Handbook. (2.B) _____
 Begin testing the Gate making sure to cycle through 3 times.* (2.B) _____
 Begin testing the Lift making sure to cycle through 3 times.* (2.B) _____

PASSED	FAILED	CORRECTED	PASSED	FAILED	CORRECTED
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

** Visually inspect for leaks during testing*

ELECTRICAL

Make sure that all functions correspond to Joystick Operators Label. (8.B) _____
 Check that all 5 sensors are displaying pressure when the scraper is cycled through all functions. (8.C) _____
 Verify there are no error messages on the Display. Go to fault diagnostics and check for any faults. (8.D) _____

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

DEALER TRAINING CHECKLIST

- | | |
|---|---|
| <input type="checkbox"/> Explain Operator's Manual and fill out form on inside cover page | <input type="checkbox"/> Explain service requirements |
| <input type="checkbox"/> Review Operating and safety Instructions | <input type="checkbox"/> Explain features and adjustments unique to the scraper |
| <input type="checkbox"/> Explain warranty policy | |

IN-SERVICE WARRANTY REGISTRATION

DEALER INSPECTION REPORT

- ☐ All Fasteners are Tight
- ☐ Tires at Specified Pressure
- ☐ Hydraulic Components in Good Condition
- ☐ Machine Raises and Lowers Freely
- ☐ Lubricate Machine

SAFETY

- ☐ Guards and Shields Installed and Secured
- ☐ Safety Signs Installed and Legible
- ☐ SMV, Reflectors and Lights Clean and Operating
- ☐ Review Operating and Safety Instructions

In Service Date: _____

*I have personally reviewed the items indicated on this checklist as part of my commitment to the customer satisfaction goals of K-Tec Earthmovers Inc. This includes the Operators Manual content, equipment care, adjustments, safe operation and applicable warranty policy.

*The above equipment and Operator's Manual have been received by me and I have been thoroughly instructed as to care, adjustments, safe operation and applicable warranty policy.

Date: _____ Date: _____ Date: _____

Inspected By Manufacturer: _____ Inspected By Seller: _____ Inspected By End-User: _____

Signature: _____ Signature: _____ Signature: _____

Submit filled out form via dealer portal, email to sales@ktec.com or fax to 1.204.746.2309

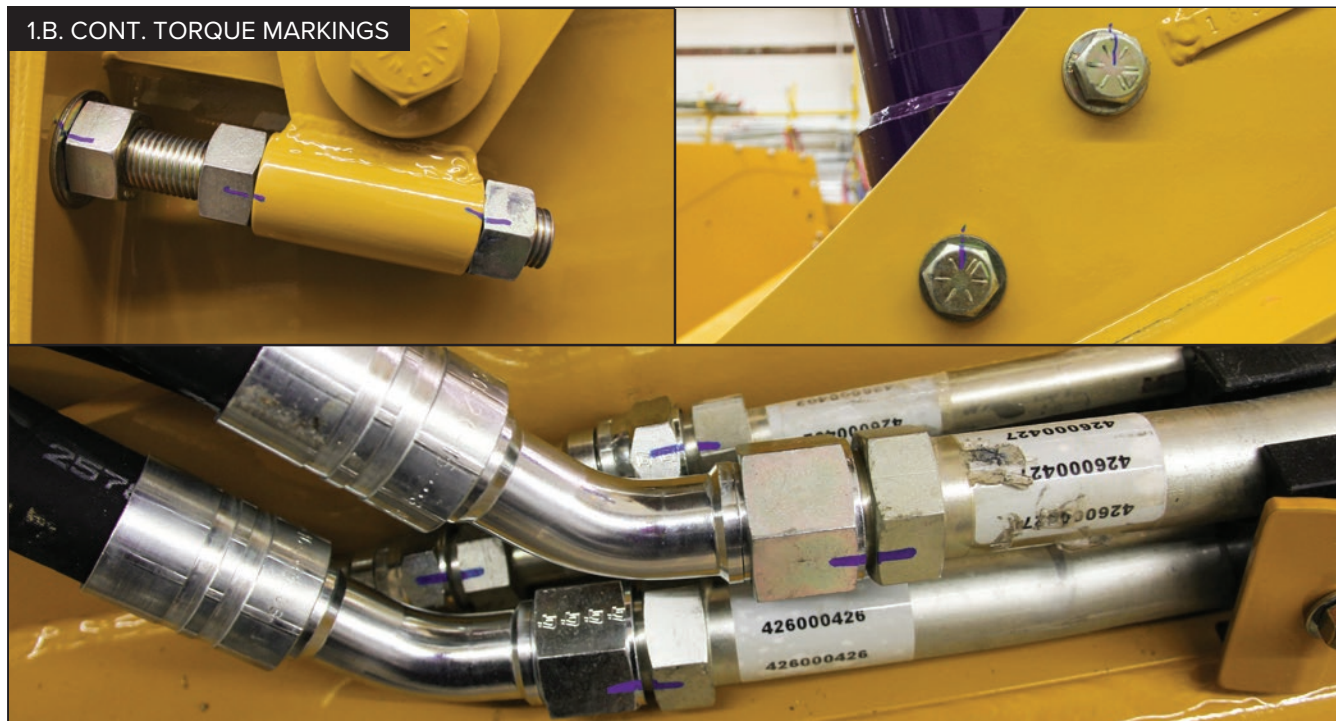
1.A. TORQUE SPECIFICATIONS

STANDARD/PLOW/CARIAGE BOLTS													
BOLT SIZE	THREAD PER INCH	GRADE 2				GRADE 5				GRADE 8			
		DRY		LUBRICATED		DRY		LUBRICATED		DRY		LUBRICATED	
		ft/lbs	Nm	ft/lbs	Nm	ft/lbs	Nm	ft/lbs	Nm	ft/lbs	Nm	ft/lbs	Nm
1/4	20	5.5	7.4	4.1	5.6	9.5	12.9	7.2	9.7	12	16.2	9	12.1
1/4	28	6.3	8.5	4.7	6.4	10.9	14.8	8.2	11.1	14	18.5	10	13.9
5/16	18	11	15.3	8	11.5	20	26.6	15	20.0	25	33.3	18	25.0
5/16	24	13	17.0	9	12.7	22	29.5	16	22.1	27	36.9	20	27.6
3/8	16	20	27.2	15	20.4	35	47.3	26	35.5	44	59.1	33	44.3
3/8	24	23	30.8	17	23.1	40	53.6	30	40.2	49	67.0	37	50.2
7/16	14	32	43.5	24	32.6	56	75.7	42	56.7	70	94.6	52	70.9
7/16	20	36	48.6	27	36.4	62	84.5	47	63.4	78	105.6	58	79.2
1/2	13	49	66.4	37	49.8	85	115.4	64	86.6	106	144.3	80	108.2
1/2	20	55	74.8	41	56.1	96	130.1	72	97.6	120	162.6	90	121.9
5/8	11	97	132.1	73	99.1	170	229.8	127	172.4	212	287.3	159	215.4
5/8	18	110	149.7	83	112.3	192	260.3	144	195.2	240	325.4	180	244.0
3/4	10	173	234.3	130	175.8	301	407.6	225	305.7	376	509.4	282	382.1
3/4	16	193	261.7	145	196.3	336	455.1	252	341.4	420	568.9	315	426.7
7/8	9	243	328.9	182	246.6	485	657.7	364	493.3	606	822.1	455	616.6
7/8	14	267	362.3	200	271.7	534	724.6	401	543.5	668	905.8	501	679.3
1	8	364	493.0	273	369.7	636	862.7	477	647.0	909	1232.4	682	924.3
1	12	398	539.3	298	404.5	696	943.9	522	707.9	995	1348.4	746	1011.3
1 1/4	7	727	985.3	545	739.0	1272	1724.3	954	1293.3	1817	2463.4	1363	1847.5
1 1/4	12	805	1091.1	604	818.3	1408	1909.4	1056	1432.1	2012	2727.7	1509	2045.8
1 1/2	6	1265	1714.4	948	1285.8	2213	3000.3	1660	2250.2	3161	4286.1	2371	3214.6
1 1/2	12	1423	1929.2	1067	1446.9	2490	3376.1	1868	2532.1	3557	4823.0	2668	3617.2
2	4.5	3000	4067.5	2250	3050.6	5250	7118.0	3938	5338.5	7500	10168.6	5625	7626.5
2	8	3324	4506.7	2493	3380.1	3878	5257.9	2909	3943.4	8310	11266.8	6233	8450.1

SOCKET HEAD BOLTS					
BOLT SIZE	THREAD PER INCH	GRADE 8			
		DRY		LUBRICATED	
		ft/lbs	Nm	ft/lbs	Nm
1/4	20	14	19.0	10	13.6
1/4	28	16	21.7	12	16.3
5/16	18	29	39.3	22	29.8
5/16	24	32	43.4	24	32.5
3/8	16	51	69.1	28	38.0
3/8	24	58	78.6	43	58.3
7/16	14	81	109.8	61	82.7
7/16	20	91	123.4	68	92.2
1/2	13	124	168.1	93	126.1
1/2	20	140	189.8	105	142.4
5/8	11	238	322.7	179	242.7
5/8	18	270	366.1	202	273.9
3/4	10	423	573.5	317	429.8
3/4	16	472	639.9	354	480.0

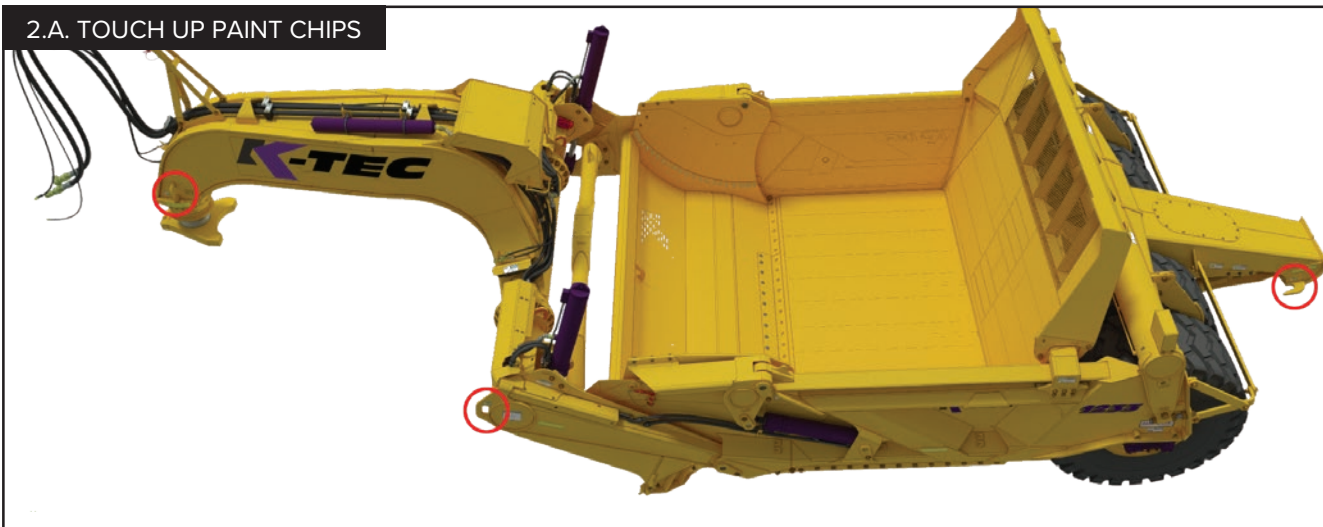
LAG BOLTS			
BOLT SIZE	THREAD PER INCH	GRADE 2	
		DRY	
		ft/lbs	Nm
5/8	5	73	99.0

1.B. CONT. TORQUE MARKINGS



Look for the purple torque mark point to see if anything has shifted out of place. If the torque lines do not line up, re-torque the bolt to the appropriate chart specifications.

2.A. TOUCH UP PAINT CHIPS

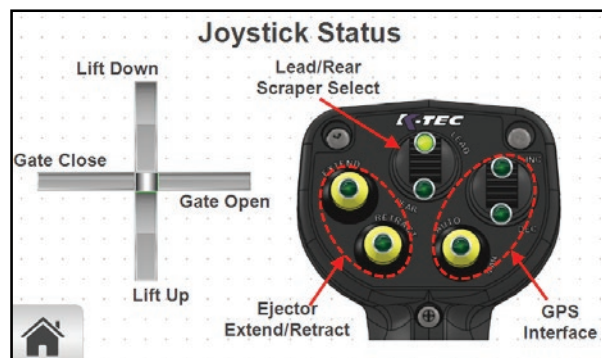


The areas circled in red are common spots to check for paint chips from shipping chains and transportation. Use K-Tec construction yellow spray paint to touch up bare metal areas.

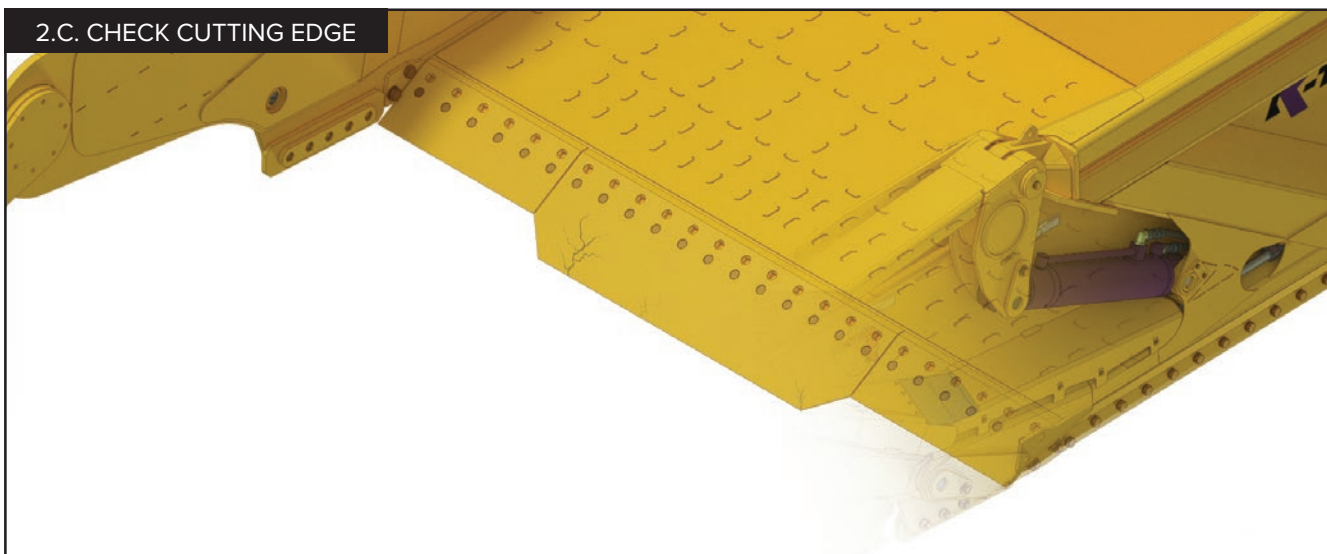
2.B. CYCLE EACH FUNCTION

During each function, hold controls to build maximum pressure for 3 seconds, then release to remove any air. Cycle each hydraulic cylinder function to verify correct operation; as shown on the Joystick operators label.

1. Gate - Open / Close
2. Ejector - Extend / Retract
3. Lift - Raise / Lower



2.C. CHECK CUTTING EDGE



Check for paint chips or cracks on the cutting edge that may have occurred during transportation. Use K-Tec construction yellow spray paint to touch up bare metal areas. Alert K-Tec immediately if cutting edge is cracked for a replacement blade to be installed.

3.A. ACCUMULATOR PSI

Recommended Nitrogen Pre-Charge Pressure		
Model	Accumulator 1	Accumulator 2
1228ADT	1450 PSI	
1233ADT	1650 PSI	
1233ADT TRAIN		
1243ADT	1250 PSI	1650 PSI
1263ADT	1000 PSI	1400 PSI

3.B. ADT NECK LEAKS



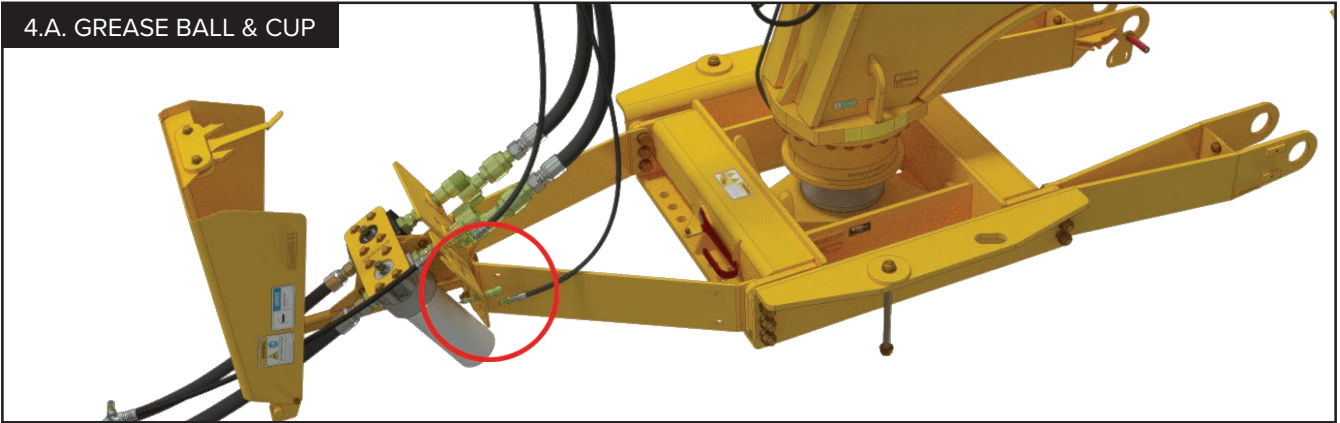
The areas circled in red are common spots to check for hydraulic oil leaks. Tighten fittings if necessary.

3.C. HYDRAULIC HOSE COUPLERS

Check correct hydraulic hose couplers are on the correct hose assembly. All hydraulic couplers remained locked and connected. Check low pressure drain line is securely connected to the ADT Hitch aswell.

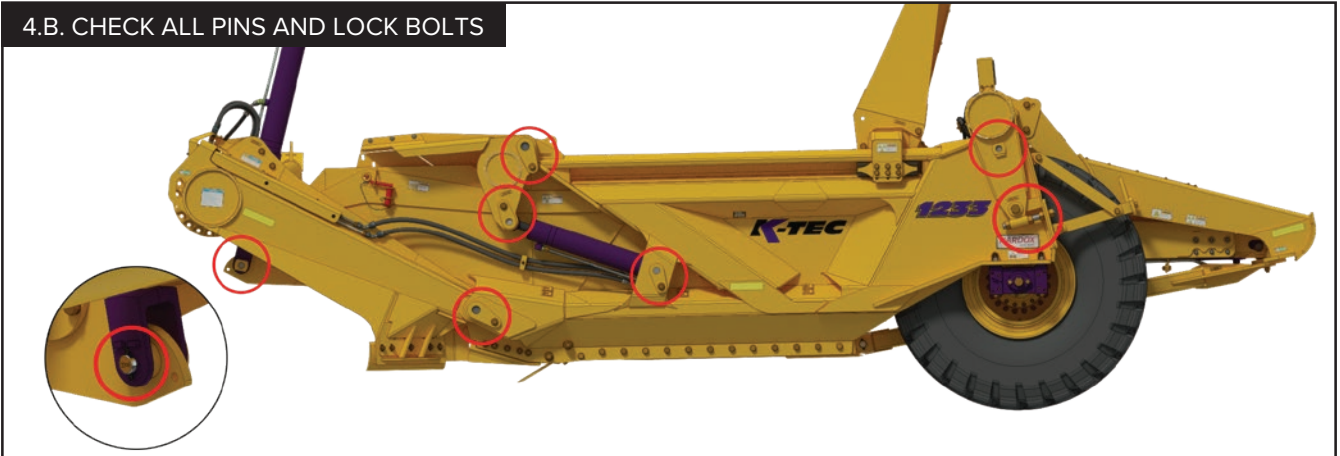
Female = Pressure
Male = Return

4.A. GREASE BALL & CUP



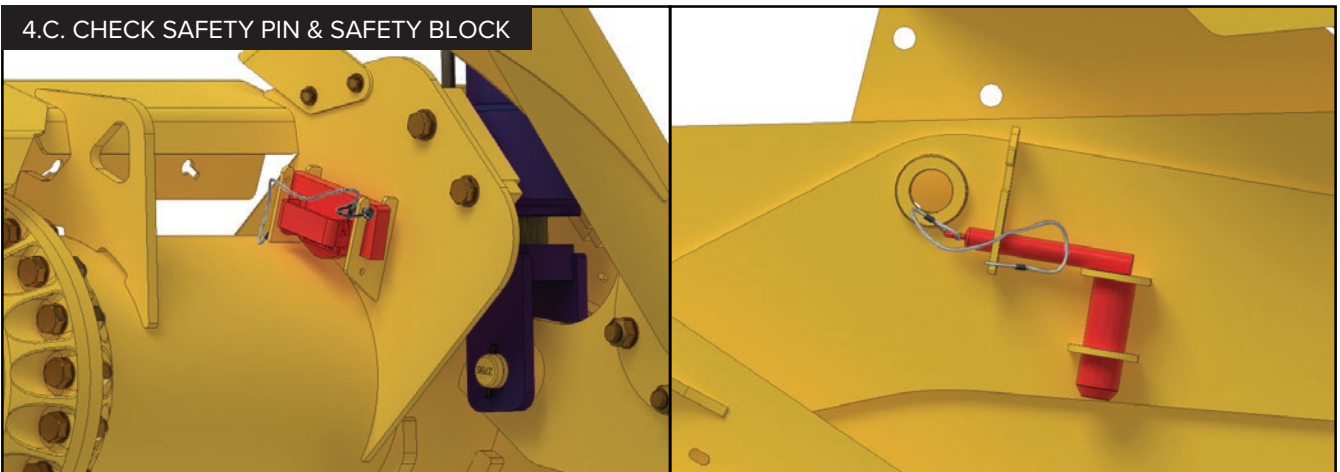
Ball & Cup grease point is located in the circled red area on the hitch bulkhead. This is the only daily grease point on the ADT scraper. Insert grease gun into zerk and ensure line is full with 10 pumps.

4.B. CHECK ALL PINS AND LOCK BOLTS



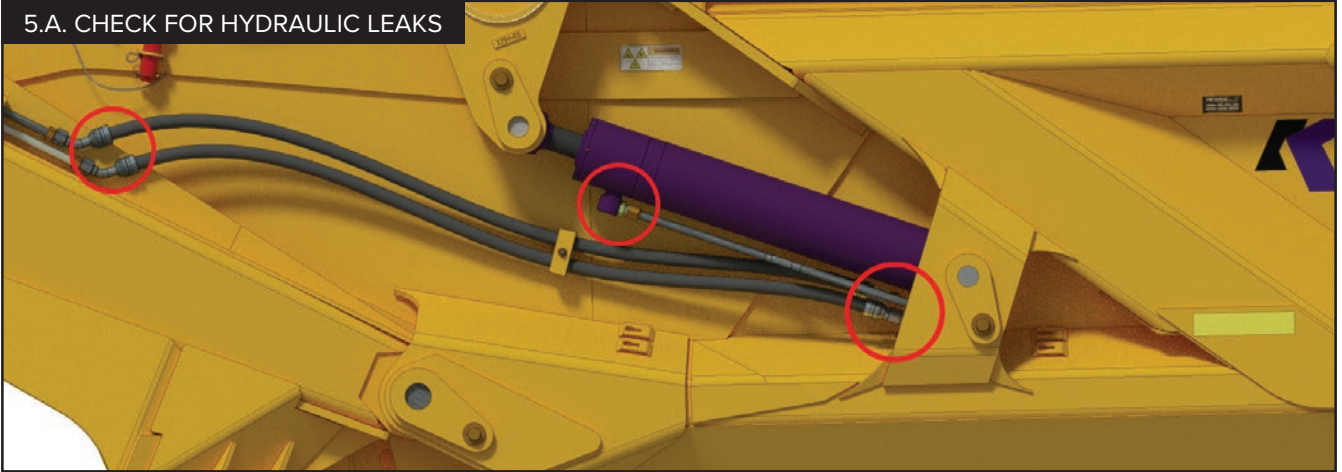
The areas circled in red are spots to check all pins and lock bolts including the lift cylinder pin located at the front of the scraper. Ensure they are fastened securely.

4.C. CHECK SAFETY PIN & SAFETY BLOCK



Check if the Safety Block (Left) and the Safety Pin (Right) are in their positions shown above.

5.A. CHECK FOR HYDRAULIC LEAKS



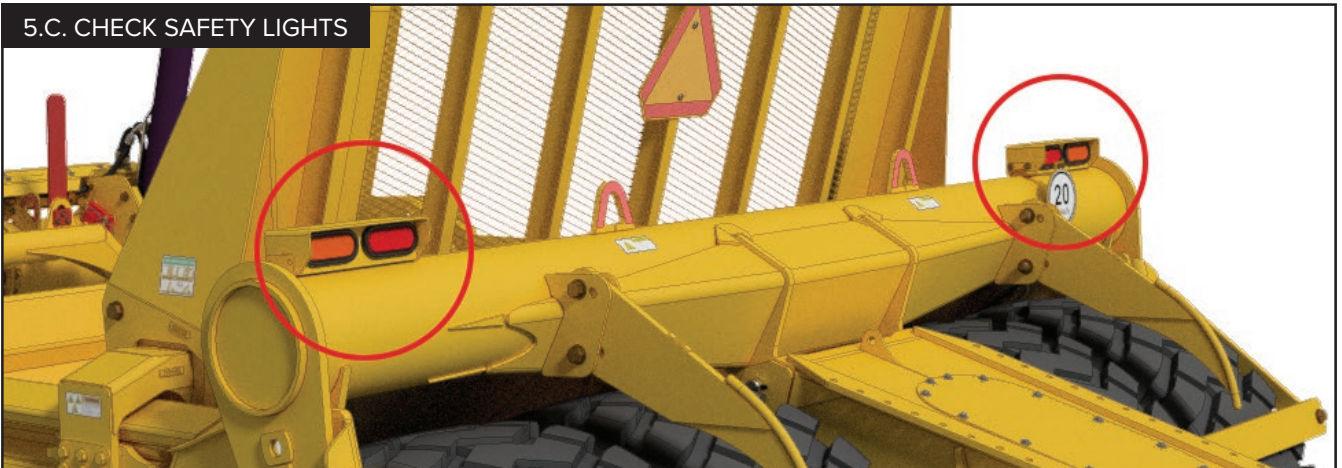
The areas circled in red are spots to check for hydraulic leaks on the left lift gate cylinder hoses. Tighten fittings if necessary.

5.B. AXLE BLOCK BOLTS



Inspect axle block bolts on both sides of the scraper remain torqued correctly.

5.C. CHECK SAFETY LIGHTS



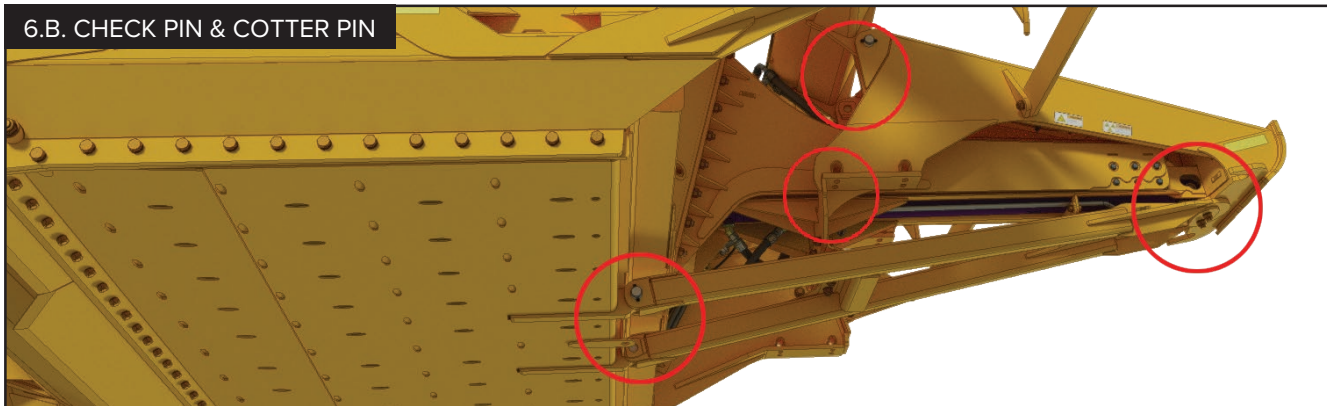
The areas circled in red are where safety lights are located. Test all light functions are in working order.

6.A. CHECK FOR HYDRAULIC LEAKS



Check the areas circled in red for hydraulic leaks on the ejector cylinder hoses. Tighten fittings if necessary.

6.B. CHECK PIN & COTTER PIN



Check the pin & cotter pin for the ejector cylinder in the areas circled red. Ensure they are fastened securely.

6.C. CHECK EJECTOR SLIDER BLOCKS



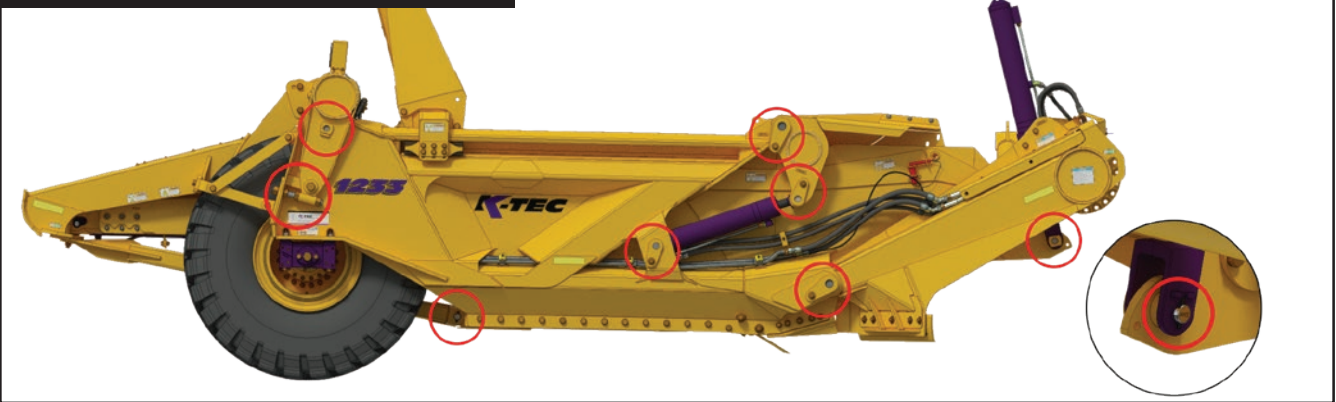
The areas circled in red are where to check the ejector rollers / slider blocks. Ensure they slide forwards and backwards smoothly, without interference and check bolt torque markings.

7.A. CHECK EACH TIRE PSI

Confirm tires are inflated to proper PSI.

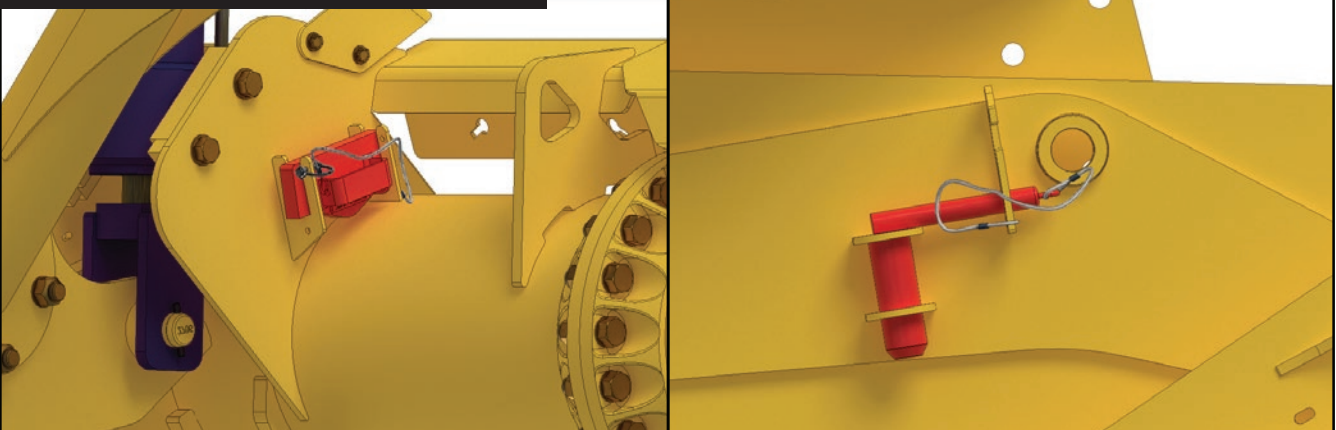
For Ideal Scraper performance.
Visit www.ktec.com/tires for specific tire pressure PSI.

7.B. CHECK ALL PINS AND LOCK BOLTS



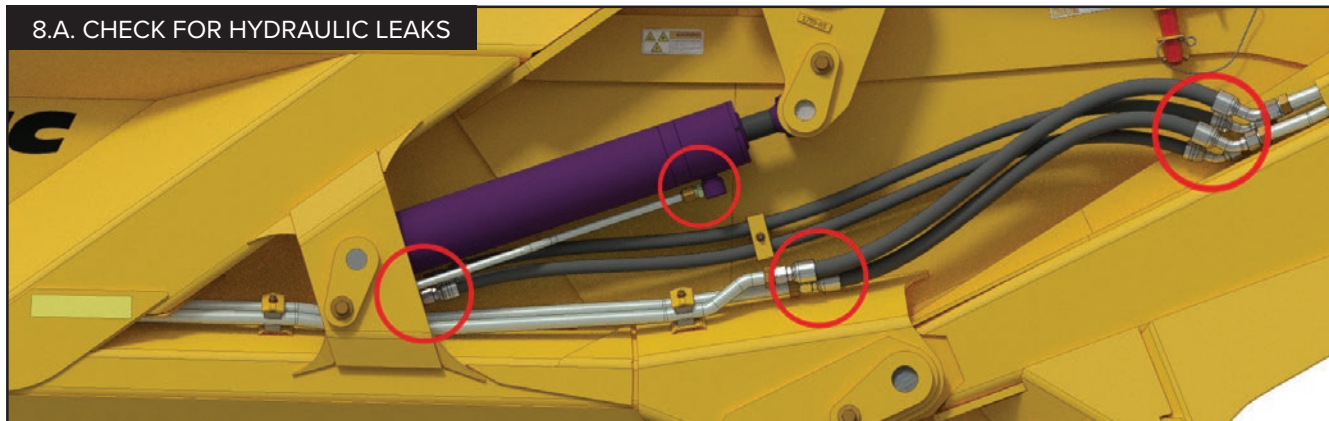
The areas circled in red are spots to check all pins and lock bolts including the lift cylinder pin located at the front of the scraper. Ensure they are fastened securely.

7.C. CHECK SAFETY PIN & SAFETY BLOCK



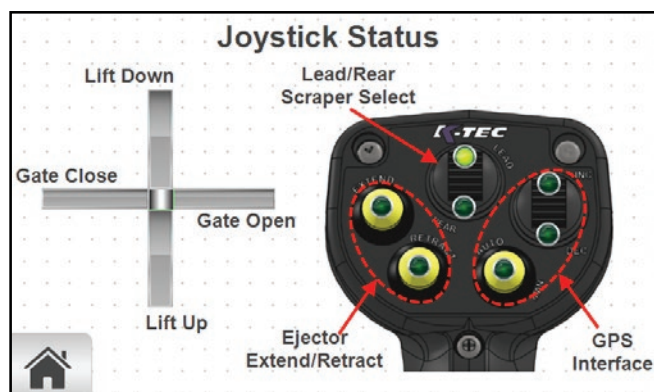
Check if the Safety Block (Left) and the Safety Pin (Right) are in their positions shown above.

8.A. CHECK FOR HYDRAULIC LEAKS



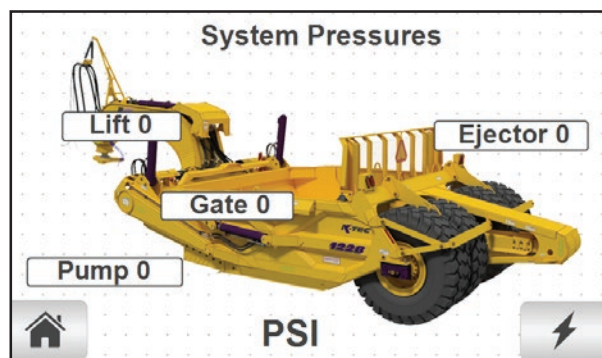
The areas circled in red are spots to check for hydraulic leaks on the right lift gate cylinder hoses and ejector cylinder hoses. Tighten fittings if necessary.

8.B. TRUCK - JOYSTICK DISPLAY



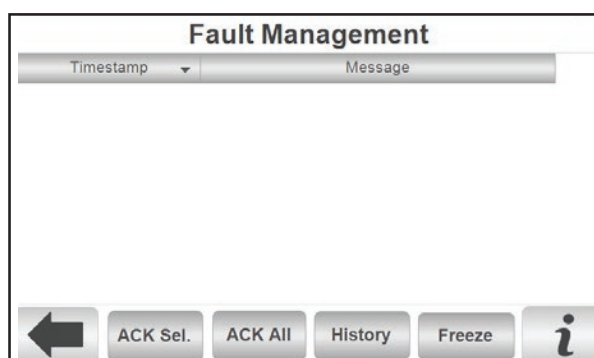
Make sure that all functions correspond to Joystick Operators Label.

8.C. TRUCK - PRESSURE DISPLAY



Check that all 5 sensors are displaying pressure when the Scraper is cycled thru all functions.

8.D. TRUCK - FAULT LIST DISPLAY



Verify there are no error messages on the display. Go to fault diagnostics and check for any faults.

CUSHION RIDE OPERATION

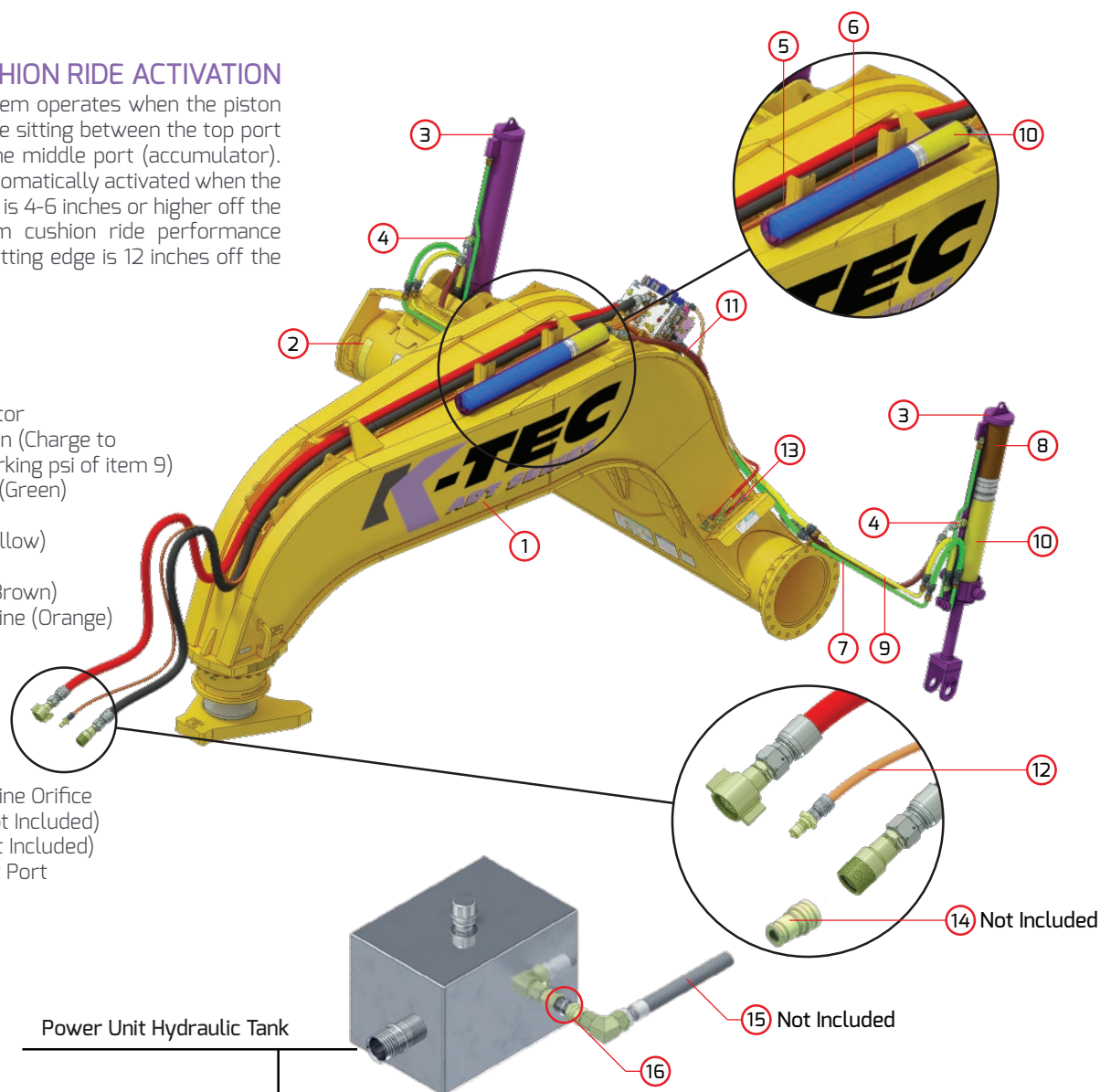
AUTOMATIC CUSHION RIDE ACTIVATION

AUTOMATIC CUSHION RIDE ACTIVATION

The Cushion Ride System operates when the piston of the lift cylinders' are sitting between the top port (scraper down) and the middle port (accumulator). The Cushion Ride is automatically activated when the scraper's cutting edge is 4-6 inches or higher off the ground, with optimum cushion ride performance when the scraper's cutting edge is 12 inches off the ground.

- 1 Hitchpole
- 2 Trailing arm
- 3 Lift Cylinder
- 4 Accumulator Port
- 5 Nitrogen Accumulator
- 6 Pressurized Nitrogen (Charge to 65% of normal working psi of item 9)
- 7 Scraper Down Line (Green)
- 8 Scraper Down Oil
- 9 Scraper Up Line (Yellow)
- 10 Scraper Up Oil
- 11 Cushion Ride Line (Brown)
- 12 Cushion Ride Vent Line (Orange)

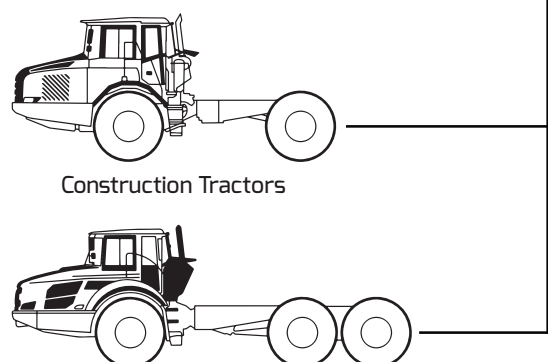
- 13 Cushion Ride Vent Line Orifice
- 14 Female Coupler (Not Included)
- 15 Hydraulic Hose (Not Included)
- 16 Hydraulic Tank Vent Port



CUSHION RIDE VENT LINE

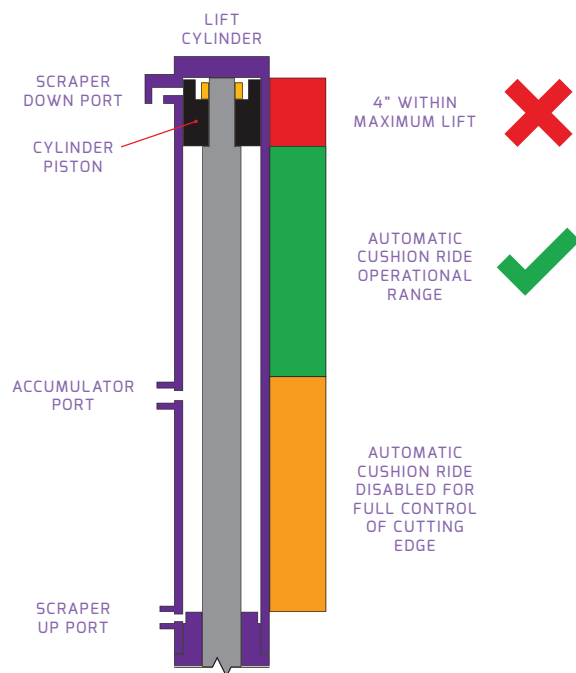
The Cushion Ride Vent Line is the key to the operation of the Cushion Ride System. The vent line is a zero pressure return line that vents the back pressure from the top of the lift cylinder back to the hydraulic tank. This line is to be connected to the case drain port or the hydraulic tank vent port of the power unit. **IF NOT INSTALLED, SCRAPER WARRANTY IS VOID!**

*See reverse side for cushion ride deactivation and correct Automatic Cushion Ride System operating techniques.



CUSHION RIDE OPERATION

AUTOMATIC CUSHION RIDE DEACTIVATION



LIFT CYLINDER RED ZONE

A fail safe system has been added to the lift cylinders. When maximum lift is reached, the cylinder will automatically lower by 1 inch. This is to prevent internal cylinder binding and structural scraper damage, while ensuring that automatic cushion ride is functional during loaded transport. Even with a built in fail safe system, it is not recommended to operate loaded scraper within 4 inches of maximum lift (red zone).

LIFT CYLINDER GREEN ZONE

Automatic Cushion Ride System activates when the lift cylinder enters the green zone. K-Tec recommends to only operate a loaded scraper within the green zone.

LIFT CYLINDER YELLOW ZONE

Automatic Cushion Ride System automatically deactivates when the scraper's cutting edge falls below 4" off the ground. This giving the operator full control of scraper's cutting edge. K-Tec recommends to only operate scraper cutting edge within the yellow zone.

CUSHION RIDE OPERATION DECAL

Included in this package is an extra cushion ride operation warning decal. Please apply this decal to the inside of the power unit that is pulling this K-Tec scraper unit, to serve as a reminder to the operator proper cushion ride operation. **FAILURE TO OPERATE K-TEC'S AUTOMATIC CUSHION RIDE SYSTEM CORRECTLY MAY CAUSE PREMATURE DAMAGE TO LIFT CYLINDERS AND SCRAPER, AND IS STRICTLY PROHIBITED.**

