



# Excavator Monthly



SEE



HYEX



IHMEE

## TACOM's Excavation Equipment Newsletter August 2004

*This is not an official publication*

### **Excavator Monthly Feedback**

We have received lots of positive feedback regarding our newsletter. As a matter of fact many of the articles in this issue came from you. We appreciate all the comments and welcome any suggestions you may have for future articles. Thank you.

### **IHMEE EIC**

Those of you who recently received the IHMEE's may already know that an End Item Code (EIC) has not been established for this vehicle yet. One will be assigned when the system is Type Classified "Standard" and has a standard Line Item Number (LIN). The folks at Ft. Lewis and in Hawaii were having problems ordering parts. They discovered that using EIC "VV1" (vee, vee, one) allows them to order the parts they need.

## **HYEX Batteries**

There has been a change to the HYEX batteries. The Type I & II now use the same battery as the Type III. Listed below is the information on the battery. This is a minimum maintenance battery, with the same type of cap as the no maintenance battery. They are not to be opened unless they will not hold a charge. Only qualified personnel should open/service this battery.

Battery Information:

P/N: TY23020

NSN: 6140-01-473-7857

CCA: 1400

Volt: 12

## **Parts Support for John Deere Equipment**

DLA has a corporate contract with [Westside Tractor](#). You can go directly to Westside with your IMPAC card. There is even a process in place to capture demands for DLA. Mention the DLA contract, SP0700-01-D-9701 and you could get a better deal by paying the pre-negotiated contract price as long as the part you're buying is on the contract. POCs at Westside are Hope Onash or Al Walker at 630-355-7150.

## **Support for John Deere in SWA**

Need help with your Deere equipment in SWA? There is a place you can go.

**John Deere Dealer, Kuwait City**

BADER AL MULLA & BROS CO.WLL

SHARQ AREA

SOUR STREET

SAFAT

Kuwait

965-244-5040

## **SEE Engine Oil Filter NSN**

The NSN for the SEE engine oil filter, figure 15, item 13 in TM 5-2420-224-24P-1 is listed incorrectly. The NSN should be 2940-01-225-1531. We will correct this during our next change or revision. In the mean time, please annotate the correction in your TM.

## Sustainment Training

Below is a copy of a memo from our New Equipment training folks regarding Sustainment training available for TACOM equipment.

AMSTA-LC-CFE

Memorandum for all Logistics Assistance Representatives (LAR)

Subject: Sustainment Training for TACOM Equipment

1. Reference subject same as above. If LAR's recognize re-occurring maintenance or operational problems with TACOM equipment (problems that may be corrected by providing training), the Materiel Fielding & Training (MF&T), New Equipment Training (NET) office can provide the unit with sustainment training on a reimbursable basis. The training would generally be conducted at the user's location. The requesting unit must fund for the contract effort, instructor's salary, travel, and per diem.
2. With preparation, training can be provided for most TACOM equipment, however training for the ATLAS 10K Forklift, ATEC Crane, Fifth Wheel Towing Device, and the RTCH is readily available. Training for older systems such as the SEE can also be arranged. Course hours vary depending on the needs of the unit. The basic courses are 40 hour operator, 40 hour unit maintenance, and 80 hours of unit, direct, and general support maintenance. Training will be tailored specifically for the requirements of the unit, based on their existing problems with the vehicles. The instructor, along with the LAR and unit personnel, will review the vehicle maintenance records and determine which topic(s) are required. The class would be structured specifically for those problem areas, including proper operation, which will adjust the total class hours.
3. Vehicles used for training should be those problem vehicles requiring maintenance. If parts are obtained prior to the class start, the instructor will teach proper repair and/or replacement of the parts during the training. The benefits are two-fold. One, the unit receives their needed training and two, the vehicles are simultaneously taken off dead-line. This has been very successful in the past.
4. For additional information regarding availability, the point of contact for this matter is the undersigned.

***"Soldiers First"***  
**Force Projection**  
**New Equipment Training**  
**Team Leader**

**DSN 786-7450**  
**COM 586-574-7450**

### **JD 410 “Strip List”**

Several parts for the JD 410 are no longer available without replacement. The only way we can support them is through salvage. We are putting together a listing of these items, called the “Strip List”. If you turn in an excess JD 410, we will provide a copy of the list with the disposition instructions. We are asking that you remove these parts so we can put them into the supply system. We will include the “Strip List” in the next issue of this newsletter.

### **Obsolete Parts for the JD 410**

Speaking of obsolete parts for the JD 410, we currently have a need for an obsolete part. It is the parking brake lever, NSN 3040-01-236-4735. You can find it on Figure 64, item 9 of TM 5-2420-222-20P. Please let us know if you can help us fill the shortage.

### **SEE Rear Shock Mount Bolts**

The Upper and Lower rear shock mount bolts are listed incorrectly in TM 5-2420-224-24P-1, figures 190 and 193. The correct part number for the upper bolt (figure 190, item 3) should be 308765 020010 with CAGE 64678. We are still in the process of assigning the NSN to this bolt. The lower bolt (figure 193, item 17) should be NSN 5305-01-291-9074. Both bolts use the washer (figure 190, item 2) and nut (figure 190, item 1) listed in the TM. . We will correct this during our next change or revision. In the mean time, please annotate the correction in your TM.

### **Equipment Photos**

You may recognize the equipment photos we use on the cover page. They came from you in the field. We are finding several web sites out there showing soldiers in action operating and maintaining our excavation equipment. For example, check out Ft Bragg’s 27<sup>th</sup> Engineers web site at: <http://www.bragg.army.mil/27eng/> . Click on the Company links see them “in action”. We will continue to share these photos with you in future newsletters.

**SEE Maintenance Expenditure Limit (MEL) Update**

TACOM's Excavator Team has updated the MEL for the SEE to address vehicles rebuilt under the RECAP Program. The chart below identifies the proposed changes to MEL Technical Bulletin, TB 43-0002-85, dated 15 July 1998. These changes will be incorporated in the next update to the TB. Until such time please annotate your TB with these updates.

NATIONAL STOCK NUMBER	END ITEM	PROD/ RECAP YEAR	EXPENDITURE LIMITS										
			60%	55%	50%	45%	40%	35%	30%	25%	20%	10%	0%
1	2	3	4	5	6	7	8	9	10	11	12	13	14
			The MEL is 75% from Production Year until the first MEL reduction year shown. X = Authorized Expenditure Limit until item is removed from the Army System. Production or RECAP date is identified on vehicle data plate.										
2420-01-160-2754	TRACTOR, Wheeled, Industrial: Diesel Engine Driven, w/ Front Loader, Backhoe, Hydraulic Chain Saw, Hammer Drill and Breaker	1986 1987 1988 1989 1990	1991 1992 1993 1994 1995	92-93 93-94 94-95 95-96 96-97	1994 1995 1996 1997 1998	1995 1996 1997 1998 1999	1996 1997 1998 1999 2000	1997 1998 1999 2000 2001	1998 1999 2000 2001 2002	X X X X X			
2420-01-160-2754 <b>RECAP</b>	TRACTOR, Wheeled, Industrial: Diesel Engine Driven, w/ Front Loader, Backhoe, Hydraulic Chain Saw, Hammer Drill and Breaker	2002 2003 2004 2005 2006	2007 2008 2009 2010 2011	2008 2009 2010 2011 2012	2009 2010 2011 2012 2013	2010 2011 2012 2013 2014	2011 2012 2013 2014 2015	2012 2013 2014 2015 2016	2013 2014 2015 2016 2017	2014 2015 2016 2017 2018	2015 2016 2017 2018 2019	2016 2017 2018 2019 2020	2017 2018 2019 2020 2021

**Excavator Monthly Format**

We will use the last few pages of each newsletter to provide you with a listing of the equipment we support, the links to the electronic technical manuals for that equipment, links to the CE Group and Excavators web sites as well as a personnel listing for the Excavator team. Hopefully you can use this information as handy quick reference material.

We provide supply and maintenance support for the following excavation equipment:

- JD410 – Tractor, Wheeled, Industrial - NSN 2420-00-567-0135
- FLU 419, Small Emplacement Excavator (SEE) - NSN 2420-01-160-2754,
- FLU 10344, High Mobility Materiel Handler (HMMH) - NSN 2420-01-205-8636
- 230LCR, Hydraulic Excavator (HYEX) Type I – NSN 3805-01-463-0804
- 230LCRD, Hydraulic Excavator (HYEX) Type II (with Rock Drill) – NSN 3805-01-463-0806
- 330LCR, Hydraulic Excavator (HYEX) Type III – NSN 3805-01-463-0805
- HMEV, Interim High Mobility Engineer Excavator (IHMEE) – NSN 2420-66-148-7692
- 1650EH-MS, Lowe Earth Auger (for the SEE) – NSN 2590-01-384-6857
- High Mobility Engineer Excavator (HMEE) – Model number and NSN – TBD. This program is currently in Phase 1 (System Demonstration) of the contract and First Unit Equipped is projected for 4th quarter FY 06.

Take a few minutes and visit the following web sites. First is the Construction Equipment Group web site at: <http://tri.army.mil/lc/cj/cj/cegrou.htm>. From there, click on the News and Information link, and then scroll down

to the Excavators-SEE link, or go to <http://tri.army.mil/lc/cj/cjc/news-excavators.htm> . You'll find over 35 articles regarding excavation equipment.

Here is a current listing of the various technical manuals available for our equipment. These links will take you directly to LOGSA's web site for electronic manuals. Some of these manuals may require a login ID and password to view them.

### **SEE/HMMH**

<b>PIN</b>	<b>TM/EM Number</b>	<b>Current Change</b>	<b>Publication Title (partial)</b>
<a href="#">067339</a>	<a href="#">TM 5-2420-224-10</a>	2	<a href="#">TRACTOR, WHEELED, 4X4 DED SMALL EMPLACEME EXCAVATOR (SEE) (NSN 2420-01-160-2754) (EIC: EDL) AND TRACTOR, 4X4 DED HIGH MOBILITY MATERIAL HANDLER (HMMH) (2420-01-205-8636)</a>
<a href="#">067392</a>	<a href="#">TM 55-2420-224-14</a>		<a href="#">TRANSPORTABILITY GUIDANCE, SMALL EMPLACEMENT EXCAVATOR (SEE) (NSN 2420-01-160-2754), HIGH MOBILITY ENTRENCHER (HME) (2420-01-228-8610), HIGH MOBILITY MATERIAL HANDLER (HMMH) (2420-01-205-8636)</a>
<a href="#">068063</a>	<a href="#">TM 5-2420-224-10-HR</a>		<a href="#">TRACTOR, WHEELED, 4X4 DED SMALL EMPLACEMENT EXCAVATOR (SEE) (NSN 2420-01-160-2754) (EIC: EDL) AND TRACTOR, WHEELED, 4X4 DED HIGH MOBILITY MATERIAL HANDLER (HMMH) (2420-01-205-8636)</a>
<a href="#">068064</a>	<a href="#">TM 5-2420-224-20-1</a>	2	<a href="#">TRACTOR, WHEELED, 4X4 DED SMALL EMPLACEMENT EXCAVATOR (SEE) (NSN 2420-01-160-2754) (EIC: EDL) AND TRACTOR, WHEELED, 4X4 DED HIGH MOBILITY MATERIAL HANDLER (HMMH) (2420-01-205-8636)</a>
<a href="#">071466</a>	<a href="#">TM 5-2420-224-20-2</a>	2	<a href="#">TRACTOR, WHEELED, 4X4 DED SMALL EMPLACEMENT EXCAVATOR (SEE) (NSN 2420-01-160-2754) (EIC: EDL) AND TRACTOR, WHEELED, 4X4 DED HIGH MOBILITY MATERIAL HANDLER (HMMH) (2420-01-205-8636)</a>
<a href="#">071467</a>	<a href="#">TM 5-2420-224-34</a>	1	<a href="#">TRACTOR, WHEELED, 4X4 DED SMALL EMPLACEMENT EXCAVATOR (SEE) (NSN 2420-01-160-2754) (EIC: EDL) AND TRACTOR, WHEELED, 4X4 DED HIGH MOBILITY MATERIAL HANDLER (HMMH) (2420-01-205-8636)</a>
<a href="#">071468</a>	<a href="#">LO 5-2420-224-12</a>		<a href="#">TRACTOR, WHEELED, 4X4 DED SMALL EMPLACEMENT EXCAVATOR (SEE) (NSN 2420-01-160-2754) (EIC: EDL) AND TRACTOR, WHEELED, 4X4 DED HIGH MOBILITY MATERIAL HANDLER (HMMH) (2420-01-205-8636)</a>
<a href="#">079430</a>	<a href="#">TM 5-2420-224-24P-1</a>		<a href="#">TRACTOR, WHEELED, 4X4 DED SMALL EMPLACEMENT EXCAVATOR (SEE) (NSN 2420-01-160-2754) (EIC: EDL) AND TRACTOR, WHEELED, 4X4 DED HIGH MOBILITY MATERIAL HANDLER (HMMH) (NSN 2420-01-205-8636) (EIC: EED) VOL 1 OF 2</a>
<a href="#">079431</a>	<a href="#">TM 5-2420-224-24P-2</a>		<a href="#">TRACTOR, WHEELED, 4X4 DED SMALL EMPLACEMENT EXCAVATOR (SEE) (NSN 2420-01-160-2754) (EIC: EDL) AND TRACTOR, WHEELED, 4X4 DED HIGH MOBILITY MATERIAL HANDLER (HMMH) (NSN 2420-01-205-8636) (EIC: EED) VOL 2 OF 2</a>

### **JD410**

<b>PIN</b>	<b>TM/EM Number</b>	<b>Current Change</b>	<b>Publication Title (partial)</b>
<a href="#">058832</a>	<a href="#">TM 5-2420-222-10</a>		<a href="#">TRACTOR, WHEELED, DED LOADER, BACKHOE W/HYDRAULIC IMPACT TOOL AND W/HYDRAULIC EARTH AUGER ATTACHMENT (JOHN DEERE JD-410(CCE)) W/WAIN-ROY BUCKET, HUGHES IMPACTOR AND DAUSER EARTH DRILL (NSN 2420-00-567-0135)</a>
<a href="#">059210</a>	<a href="#">TM 5-2420-222-34P</a>	1	<a href="#">TRACTOR, WHEELED; DED, LOADER BACKHOE W/HYDRAULIC IMPACT TOOL AND W/HYDRAULIC EARTH AUGER ATTACHMENT (JOHN DEERE MODEL JD410 (CCE)) WITH BUCKET, IMPACTOR AND EARTH DRILL, (NSN 2420-00-567-0135)</a>
<a href="#">059555</a>	<a href="#">TM 5-2420-222-20P</a>	1	<a href="#">TRACTOR, WHEELED, DED, LOADER BACKHOE W/HYDRAULIC IMPACT TOOL AND W/HYDRAULIC EARTH AUGER ATTACHMENT, JOHN DEERE MODEL J (CCE) WITH BUCKET, IMPACTOR, AND EARTH DRILL (NSN 2420-00-567-0</a>
<a href="#">062486</a>	<a href="#">LO 5-2420-222-12</a>		<a href="#">TRACTOR, WHEELED, DED LOADER BACKHOE: WITH HYDRAULIC IMPACT TOO WITH HYDRAULIC EARTH AUGER ATTACHMENT, JOHN DEERE MODEL JD410 ( WITH BUCKET, IMPACTOR, AND EARTH DRILL (NSN 2420-00-567-0135)</a>
<a href="#">062488</a>	<a href="#">TM 5-2420-222-20-1</a>	1	<a href="#">TRACTOR, WHEELED (DED) LOADER BACKHOE W/HYDRAULIC IMPACT TOOL AND W/HYDRAULIC EARTH AU ATTACHMENT JOHN DEERE MODEL JD410 (CCE) WITH BUCKET, IMPACTOR EARTH DRILL (NSN 2420-00-567-0135)</a>
<a href="#">062489</a>	<a href="#">TM 5-2420-222-20-2</a>	1	<a href="#">TRACTOR, WHEELED (DED) LOADER BACKHOE W/HYDRAULIC IMPACT TOOL AND W/HYDRAULIC EARTH AU ATTACHMENT JOHN DEERE MODEL JD410 (CCE) WITH BUCKET,</a>

			<a href="#">IMPACTOR EARTH DRILL (NSN 2420-00-567-1035).</a>
062490	<a href="#">TM 5-2420-222-20-3</a>	1	<a href="#">TRACTOR, WHEELED ( LOADER BACKHOE W/HYDRAULIC IMPACT TOOL AND W/HYDRAULIC EARTH AU ATTACHMENT JOHN DEERE MODEL JD410 (CCE) WITH BUCKET, IMPACTOR EARTH DRILL (NSN 2420-00-567-1035).</a>
070538	<a href="#">TM 5-2420-222-34</a>		<a href="#">TRACT WHEELED, DED. LOADER BACKHOE; WITH HYDRAULIC IMPACT TOOL AND WI HYDRAULIC EARTH AUGER ATTACHMENT, JOHN DEERE MODEL JD410 (CCE) WITH BUCKET, IMPACTOR, AND EARTH DRILL (NSN 2420-00-567-0135).</a>

### **230LCR and 230LCRD (HYEX Type I and II)**

<b>PIN</b>	<b>TM/EM Number</b>	<b>Current Change</b>	<b>Publication Title (partial)</b>
<a href="#">077618</a>	<a href="#">TM 5-3805-280-10</a>		<a href="#">HYDRAULIC EXCAVATOR JOHN DEERE MODEL 230LCR NSN 3805-01-463-0804 AND MODEL 230LCRD WITH ROCK DRILL NSN 3805-01-463-0806</a>
<a href="#">077619</a>	<a href="#">TM 5-3805-280-24-1</a>		<a href="#">HYDRAULIC EXCAVATOR JOHN DEERE MODEL 230LCR NSN 3805-01-463-0804 AND MODEL 230LCRD WITH ROCK DRILL NSN 3805-01-463-0806</a>
<a href="#">077620</a>	<a href="#">TM 5-3805-280-24-2</a>		<a href="#">HYDRAULIC EXCAVATOR JOHN DEERE MODEL 230LCR NSN 3805-01-463-0804 AND MODEL 230LCRD WITH ROCK DRILL NSN 3805-01-463-0806</a>
<a href="#">077621</a>	<a href="#">TM 5-3805-280-24P</a>		<a href="#">MAINTENANCE PARTS LIST FOR HYDRAULIC EXCAVATOR JOHN DEERE MODEL 230LCR NAN 3805-01-463-0804 AND MODEL 230LCRD WITH ROCK DRILL NSN 3805-01-463-0806</a>

### **330LCR (HYEX Type III)**

<b>PIN</b>	<b>TM/EM Number</b>	<b>Current Change</b>	<b>Publication Title (partial)</b>
<a href="#">077622</a>	<a href="#">TM 5-3805-281-10</a>		<a href="#">HYDRAULIC EXCAVATOR JOHN DEERE MODEL 330LCR NSN 3805-01-463-0805</a>
<a href="#">077623</a>	<a href="#">TM 5-3805-281-24-1</a>		<a href="#">HYDRAULIC EXCAVATOR JOHN DEERE MODEL 330LCR</a>
<a href="#">077624</a>	<a href="#">TM 5-3805-281-24-2</a>		<a href="#">HYDRAULIC EXCAVATOR JOHN DEERE MODEL 330LCR</a>
<a href="#">077625</a>	<a href="#">TM 5-3805-281-24P</a>		<a href="#">HYDRAULIC EXCAVATOR JOHN DEERE MODEL 330LCR NSN 3805-01-463-0805</a>

### **1650EH-MS, Lowe Earth Auger (for the SEE)**

<b>PIN</b>	<b>TM/EM Number</b>	<b>Current Change</b>	<b>Publication Title (partial)</b>
<a href="#">074042</a>	<a href="#">TM 5-2590-512-13&amp;P</a>		<a href="#">EARTH AUGER MODEL 1650EH-MS, LOWE MANUFACTURING COMPANY (NSN 2950-01-384-68 P/N 1650 EH-MS, CONTRACT DAAE07-93-C-1034, CAGEC ONAG9</a>

### **HMEV, Interim High Mobility Engineer Excavator (IHMEE)**

<b>PIN</b>	<b>TM/EM Number</b>	<b>Current Change</b>	<b>Publication Title (partial)</b>
<a href="#">080847</a>	<a href="#">TM 5-2420-230-10</a>		<a href="#">OPERATOR'S MANUAL FOR INTERIM HIGH-MOBILITY ENGINEER EXCAVATOR (IHMEE) NSN 2420-66-148-7692</a>
<a href="#">080848</a>	<a href="#">TM 5-2420-230-24-1</a>		<a href="#">INTERIM HIGH-MOBILITY ENGINEER EXCAVATOR (IHMEE) NSN 2420-66-148-7692</a>
<a href="#">080849</a>	<a href="#">TM 5-2420-230-24-2</a>		<a href="#">INTERIM HIGH-MOBILITY ENGINEER EXCAVATOR (IHMEE) NSN 2420-66-148-7692</a>
<a href="#">080850</a>	<a href="#">TM 5-2420-230-24P</a>		<a href="#">INTERIM HIGH-MOBILITY ENGINEER EXCAVATOR (IHMEE) NSN 2420-66-148-7692</a>
<a href="#">080851</a>	<a href="#">TB 5-2420-230-14</a>		<a href="#">INTERIM HIGH-MOBILITY ENGINEER EXCAVATOR (IHMEE) TRACTOR, WHEELED, INDUSTRIAL (NSN 2420-66-148-7692) CONTRACT NUMBER DAAE07-02-C-T015</a>

