



# TEMC ADVISOR



*(The TEMC Advisor is a new forum for the TEMC to use as a means to pass information along to you in a quick efficient manner to keep you informed of issues affecting your Transportation program.)*

*(757) 322-4000 or DSN 262-4000*

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## **Amertek Crash Rescue Trucks**

**Background:** NAS Meridian has reported a problem with their Amertek trucks pertaining to loose or broken bolts in the steering assembly. The Amertek manual provides a diagram (attached) of the steering assembly. The eight bolts in question (numbers 15 and 16) are used with a spacer (number 11) to secure the master gear to the frame. Several other activities were contacted and some of them found the same problem with their trucks. In some cases, the bolts may be loosening or breaking from stress resulting from the pitman arm rubbing against the leaf spring shackle. This potentially dangerous situation could result in a loss of steering.

**Recommendation:** Inspect all of your Amertek trucks immediately to determine whether any of the eight bolts are loose or broken. Replace any questionable bolts with Grade 8 bolts as specified in the Amertek manual. These bolts should be checked frequently

Your questions concerning this TEMC Advisor should be directed to Mr. David Allen at the Transportation Equipment Management Center, DSN 262-4017 or commercial 757-322-4017.

# Steering

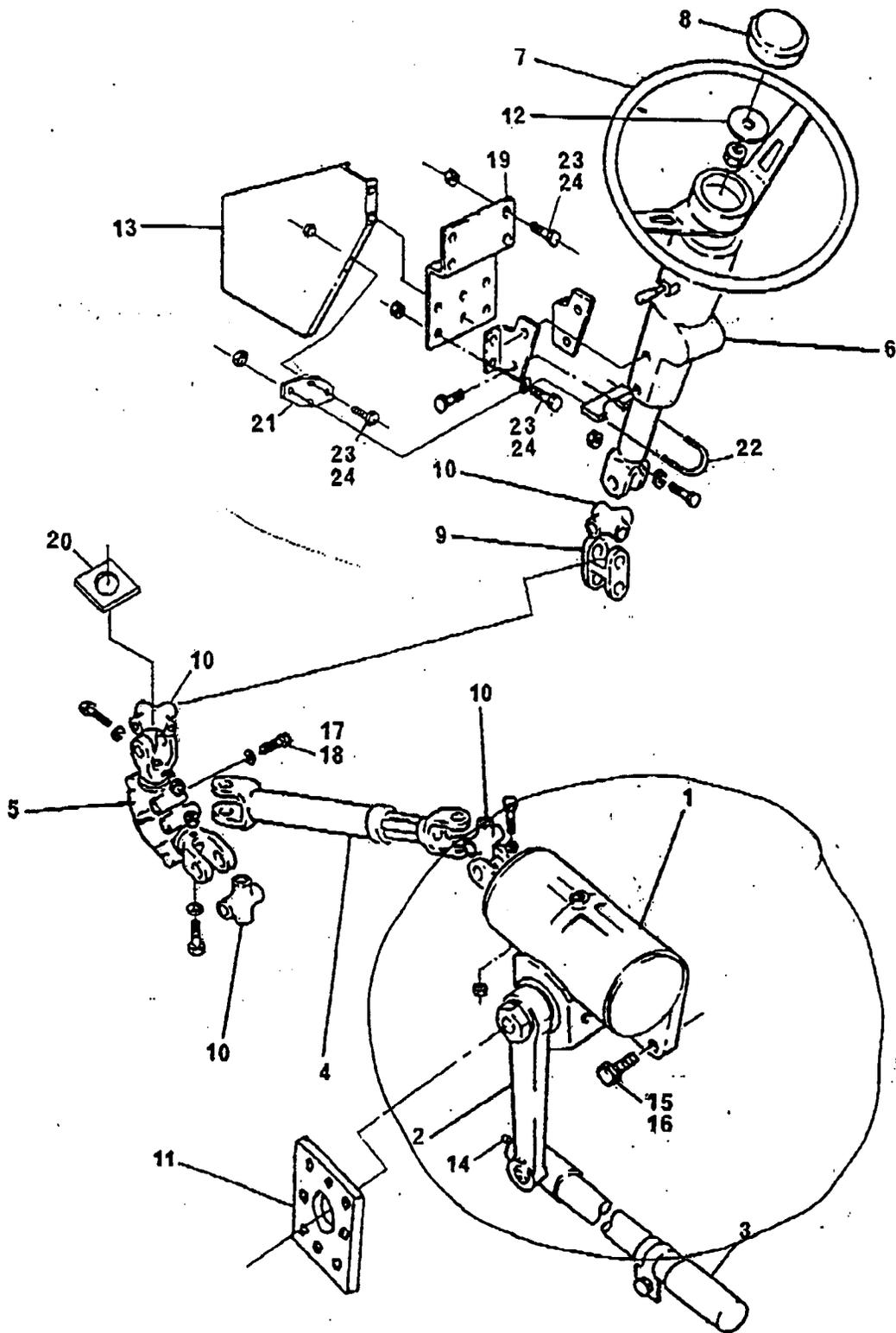


Figure 9 Steering Components

Fig. 9	Description	Amertek No.	Mfg. Code	Manufacturers' Part Number	Qty
1	MASTER GEAR	311212	78222	492SEK4	1
2	PITMAN ARM	311214	78222	2585823K	1
3	DRAGLINK ASSY.	311273-01	77640	L28HA1150A11	1
4	PROP SHAFT	312647	56933	9020249276X	1
5	MITER BOX	310462	78222	7524553	1
6	STEERING COLUMN ASSY.	312140	81263	1440A	1
7	STEERING WHEEL ASSY.	312144	AT152	STBL2024D55	1
8	HORN BUTTON	312146	AT152	HBBL-HBLH	1
9	PROP SHAFT	312645	56933	9020449275X	1
10	CENTER PARTS KIT	311212	56933	CPL6R30	-
11	SPACER	102835-03	36473		1
12	LOCKING RING	312145	AT152	LRMLD	1
13	STEERING COLUMN SUPP.	105607	36473		1
14	FTG. GREASE	310285	36473		2
15	CAP SCR 9/16 X 2 GR.8	313468-01	36473		4
16	CAP SCR 9/16 X 2 GR.8	313468-02			4
17	CAP SCR 3/8-24 X 1	310829-01			4
18	WASHER - 3/8 FLAT	310782			4
19	BRKT - STRG COLUMN	107549			1
20	SPACER SHIM	107551			1
21	BRKT - STRG PLATE	107552			1
22	CLAMP	311721-05			1
23	CAP SCR 3/8-16 X 1	310230-01			10
24	NUT LOCK 3/8-16 UNC	310631			10