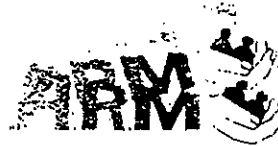


SB:01111396

NOVEMBER 13, 1996



**(USA) INC.**

1506 Fernwood Rd. • Wintersville, Ohio 43952  
Telephone: (614) 264-6599 • Fax: (614) 266-2953

## SERVICE BULLETIN

### RE: STRESS CRACKING OF ARM GUSSET / ALL ALL-BABA (1001 NACHTS)

IT HAS BEEN BROUGHT TO OUR ATTENTION OF SOME CRACKING APPEARING AT THE ARM GUSSETS, AT THE ATTACHMENT POINT TO THE HUB. (PLEASE REFER TO THE ENCLOSED DRAWING.) WE HAVE FOUND THIS ON 2 DIFFERENT OCCASIONS, AND ARE IN THE PROCESS OF DEVELOPING A "KIT" TO COMBAT THIS PROBLEM.

PLEASE DUE A VISUAL INSPECTION IMMEDIATELY, AND INFORM THIS OFFICE OF ANY IRREGULARITIES YOU FIND. OR IF YOU HAVE ANY QUESTIONS ON THIS MATTER, FEEL FREE TO CALL US



SB:02111396

NOVEMBER 13, 1996



**(USA) INC.**

1506 Fernwood Rd. • Wintersville, Ohio 43952  
Telephone: (614) 264-6599 • Fax: (614) 266-2953

## SERVICE BULLETIN

### RE: REPLACEMENT "KIT" FOR GEAR BOX MOUNTING HARDWARE

DUE TO EXCESSIVE LOOSENING OF THE GEAR BOX MOUNTING BOLTS, WE ARE ASKING ALL ALI-BABA AND 1001 NACHTS OWNERS TO REPLACE THE 10 BOLTS AND 10 SPRING-LOADED WASHERS WITH THE NEW BOLTS AND FLAT WASHERS BEING PROVIDED WITH THIS KIT..

**TORQUE THESE BOLTS AT 160 FT. LBS.**

THEY THEN NEED TO BE CHECKED WEEKLY, TO ASSURE THE TORQUE IS CORRECT.

PLEASE FEEL FREE TO CONTACT THIS OFFICE, SHOULD YOU HAVE ANY QUESTIONS CONCERNING THIS MATTER.





SB:01121796

(USA) INC.

1506 Fernwood Rd. • Wintersville, Ohio 43952  
Telephone: (614) 264-5599 • Fax: (614) 264-2953

DECEMBER 17, 1996

## SERVICE BULLETIN

### RE: SERVICE BULLETIN #01111396 / STRESS CRACKING OF ARM GUSSET

IN ANSWER TO SERVICE BULLETIN #01111396, CONCERNING THE CRACKING OF THE ARM GUSSET ON ALI-BABA'S (1001 NACHT'S), WE HAVE INVESTIGATED AND RESOLVED THE PROBLEM.

USING STRESS SENSORS, WE DETERMINED THAT THE AREA IN QUESTION WAS BEING PUT THROUGH EXCESSIVE STRESS, ONLY UNDER TORQUE. THIS IS CAUSED BY THE RAMPING IN THE PROGRAM BEING TOO ABRUPT, AND NOT RAMPING THE MOTOR PROPERLY. THIS WAS RECTIFIED AND TESTED AGAIN, WITH THE PROPER RESULTS.

THEREFORE THE SERVICE "KIT" WILL CONSIST OF A NEW EPROM (IC. CHIP), WITH THE NEW PROGRAM DOWNLOADED INTO IT ALSO, YOU WILL RECEIVE INSTRUCTIONS FOR EASY REMOVAL AND INSTALLATION OF THE FACTORY TESTED EPROM, AND A EXTRACTOR TOOL. YOU WILL ALSO RECEIVE A LETTER OF CERTIFICATION WITH THE SERIAL NUMBERS FOR YOUR EPROM, TO SHOW THAT YOUR RIDE HAS BEEN FITTED WITH THIS UPGRADE.



**A.R.M. (USA) INC.**

November 13, 1996

**SERVICE BULLETIN SB:01111396**

**RE: STRESS CRACKING OF ARM GUSSET/ALL ALI-BABA (1001 NACHTS)**

Bulletin indicates areas to examine for signs of fatigue where gusset attaches to center hub. Visual inspection is to be done immediately and the ARM (USA) office notified if any irregularities are found. Contact ARM (USA) at (614) 264-6599 with questions or to obtain a copy of bulletin.

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