

TEST REPORT
63014

PURPOSE: Verify that the device(s) and/or systems listed when installed in accordance with the instructions, complies with and meets the specifications and requirements of the test criterion(s).

TEST

MATERIAL: Sample: 3728-T1
Pintle Hook: 63014

TEST

CRITERIA: "Cequent Towing Products". Structural Performance Standard.
"Weight Carrying Hitches and Receivers, Weight-Carrying/Weight Distributing Receivers." SAE J847 (NOV '87)

TEST

RESULTS: Hitch Rating: 10 Tons

Tests were performed with pintle hook mounted to a non-yielding fixture.

TEST SPECIMENS	SAE J847 STATIC TESTING
63014 3728-T1	PASS

CONCLUSION: "PASS" declares the device(s) and/or systems listed when installed in accordance with the instructions, complies with and/or meet the test criterion(s).



3728

ENGINEERING TEST REQUEST

E.W.O. / P.C.N.
PART NO. 63014
SUPPLEMENT NO.
PROTOTYPE NO. ☐ DRAWINGS INCLUDED
SAMPLE NO.

BALL MOUNT NO. 0
POSITION OF BALL MOUNT: NA

APPLICATION: (VEHICLE GVWR)
10 Ton, 4000 lbs. max vertical load, 20,000 lbs GTW

PURPOSE OF TEST:
Static, Functional, appearance, Packaging and Artwork Approval

DESIGN OR MATERIAL CHANGE:

TEST INSTRUCTIONS:

A: HITCH RATINGS (GTW/TW LBS.) / WT. CARRYING
RATING FOR 5th WHEEL/ WT. DISTRIBUTING
GOOSENECK (GTW/PIN LBS.) / DPS CAPACITY lbs

HITCH BALL CAPACITY lbs BALL DIAMETER: in.
SHANK DIAMETER: in.
SHANK LENGTH: in.

B: FATIGUE TEST**RAPID SIMULATION WEIGHT CARRYING**

- | | |
|--|---|
| ☐ PASSENGER VEHICLE | ☐ MOMENT BAR WEIGHT DISTRIBUTING 15,000 CYCLES
(IF APPLICABLE, SEE WORKSHEET, FORM 187) |
| ☐ TRUCK/UTILITY VEHICLE | DESIRED |
| ☐ MOTORHOME | MEAN MOMENT: N/A IN-LBS @ +/- 30% |
| ☐ ACCESSORY | |
| ☐ 5TH WHEEL SAE J2638 | ☐ REESE WEIGHT DISTRIBUTING (4 CYLINDERS) |
| ☐ GOOSENECK SAE J2638 | ☐ OEM ☐ DPS |

C: STATIC TEST
SAE J847**SPECIAL INSTRUCTIONS:**

TEST REQUESTER: <u> </u> Mike Scheidies	DATE: <u> </u> June 15, 2009
AUTHORIZED BY: <u> </u> JACOB BELINKY	DATE: <u> </u> June 22, 2009
TESTED BY: <u> </u> GREG RICHARDSON	DATE: <u> </u> June 22, 2009

DATE: 6/22/2009
PCN

PART #: 63014
PROTO:
SAMPLE: 3728

DESCRIPTION: PINTLE HOOK

TEST FIXTURE: NON-YIELDING, PINTLE MOUNT

S.A.E. J847(NOV '87)

TRAILER TOW BAR EYE AND PINTLE HOOK/COUPLER PERFORMANCE RING COUPLING APPLICATION TYPE II

RATING = 20,000 LBS. T.T.V.W.(Total Towed Vehicle Weight)

APPLIED TENSILE LOAD = 25080 LBS. @ - 23.5 DEGREES(DOWNWARD)

STATIC TEST RESULTS

PART NUMBER	PASS / FAIL	LOAD REACHED
63014 SAMPLE 3728-T1	PASS	25,163 LBS.

NOTE: NO VISIBLE DEGRADATION OF SAMPLE FOUND UPON TEST COMPLETION.
SAMPLE WAS TESTED UTILIZING 1/2" GR. 8 BOLTS FROM THE SUPPLIER.

TESTED BY: Greg Richardson

DATE: 6/22/2009

APPROVED BY: JACOB BELINKY

DATE: 6/22/2009



