

AA Truck Undercarriage "Cheat Sheet" notes
(SW Schmauch June 2011)
Area 4 (MARC) Final Judging Sheet

Deduction Codes:

Authenticity (1/2)

(IA) Incorrect Assembly
(IF) Incorrect Finish
(IP) Incorrect Part/Material
(PM) Parts Missing
(RP) Reproduction Part

Quality (1/2)

(OR) Over Restored
(CC) Cleanliness/Condition
(WS) Workmanship
(WO) Working Order

"Walk Around" (50 points total)

(Front) Bumper Arms

E28 NO front bumper arms
5/28—EOP has front bumper arms

- ck for straightness & finish
????????? bumper reinforcement attach to arms/center bumper
- ck for Cd plated reinforcement fasteners on 1 pc. bumpers
????????? Deluxe Truck had 2 pc. Front bumper
- ck for Cd plated reinforcement fasteners on 2 pc. bumpers

Front Fender Brackets & fasteners (10 pts)

1928's forged w/raised center bolt at frame (4 pts ea)
E28—M28 forged w/square end at fender
M28—L29 round end
E30 some were forged
1929 some were stamped steel
1930-31 were stamped steel
L31 w/raised center bolt
Fasteners—black paint (2 pts total)

Rear Bumpers

1931 Ambulance, Funeral Coach...

Rear Fender Brackets & Fasteners (10 pts)

1928's forged w/raised center bolt at frame (4 pts ea)
E28—M28 forged w/square outer end & 1/4" raised boss at fender
M28—L29 forged, round end w/out 1/4" raised boss
E30—M30 some were forged
1/29—EOP some were stamped steel
Fasteners: unfinished (2 pts each bracket)

Fender Braces

BOP—E30 Forged
E30—EOP Stamped

Frame

4/31 157" w. base frame lengthened 10" to 181 5/16"
4/31 131" w. base frame had total frame length 169 13/16"
1/31 157" w. base frame change to "straight" from cab back

General Appearance (10 pts)

Vehicle "leaning?" (a subjective Quality issue only!)

AA Front Undercarriage (100 points)**Front Axle**

BOP—2/29 same as passenger vehicles
3/29—5/30 Heavy type axle
5/30—EOP Heaviest type axle

- ck for "AA" markings on front driver side (IA)

King Pins

BOP—8/29 round head bolt/castle nut secures to axle
9/29—EOP tapered headless pin used (like passenger cars)

Frame (Front) Cross Member

BOP—11/28 solid cross member (131" wheel base)
BOP—1/31 solid cross member (157" wheel base)
12/30—EOP top cross member reinforcement riveted (2)

Tie Rod

BOP—1929? Same as passenger cars
In 1929 heavy duty, thicker rod

Tie Rod Grease Fittings

BOP—9/30 threaded
9/30—EOP press fit

Front Spring

BOP—1929 12 leaf
131" chassis 13 or 14 leaf
157" chassis 14 leaf
8/29—EOP 18 leaf

Front Radius Rods

BOP—3/29? Same as passenger car
3/29—5/30? Heavy Duty
11/29—EOP Has "AA" marking at junction w/ axle

AA MID Undercarriage (100 points)**Running Board Brackets**

BOP—3/29 Forged
 3/29—EOP Stamped or forged

Transmission

BOP—10/29 Same as pass. cars; May have dual-high transmission
 10/29—EOP 4 speed transmission

Body Underside

BOP—EOP body color if riveted floor pans
 BOP—EOP black if use screws on floor pans
 BOP—6/30 front body blocks are body color
 6/30—EOP all body blocks dull black

- ck for rubber between wood and frame

AA REAR Undercarriage (100 points)**Torque Tube**

BOP—28-29 “small” & tapered; used on worm & bevel gear rear ends
 1930-31 “larger” & full tapered; used on bevel gear rear end
 6/30—EOP grease fitting moved 2” forward toward the “U” joint

Rear Spring

BOP—EOP 13 leaf (290A, 285A, 300A, 195A, 197A, 85 A&B)
 BOP—EOP 16 leaf (330A school bus only)
 BOP—EOP 16 leaf (205A only)

Rear Spring “U” Bolts

BOP—1/29 correct assembly—nuts & washers on top!
 2/29—7/30 “conventional mounting” bolt on top
 8/30—EOP thicker, with gussets design

Rear Axle Housing

BOP—28-29 worm gear w/ A (low) or B (high) emboss marking
 BOP—28-29 bevel gear similar to passenger cars available
 1/30—EOP Spiral gear beveled design
 6/31—EOP gussets added to banjo

AA Truck Shock Absorber "Cheat Sheet" notes
 (SW Schmauch June 2011)
 Area 23 (MARC) Final Judging Sheet

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AA Area 23 Shock Absorbers

Shock Absorbers & Shock Arms

- 1928 front shocks same as passenger cars
- 1928 front shock arms 2" longer than passenger car arms
- 1/30 discontinued on front, except for Deluxe Truck

Spring Shackles (front)

- 28-29 same as passenger cars
- 30-31 FRONTS are same as passenger car REARS

Spring Shackles (rear)

- BOP—EOP "short" type
- 4/31—EOP "short" or "long" type used