

	SURFACE VEHICLE RECOMMENDED PRACTICE		SAE J1802-1 MAY2011
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Superseding J1802-1 APR2003			
Test Component Specifications			

RATIONALE

Corrected Figure C3 , anchor pin spacing dimension from 1.25 to 2.50.

TABLE OF CONTENTS

1.	SCOPE.....	1
2.	REFERENCES.....	1
2.1	Applicable Document	1
3.	NOTES	2
3.1	Marginal Indicia	2
APPENDIX A	BRAKE ASSEMBLY MOUNTING/DYNAMOMETER STUB AXLE FIXTURE.....	3
APPENDIX B	COMPONENTS PART LIST	4
APPENDIX C	COMPONENT SKETCHES	5

1. SCOPE

This SAE Recommended Practice contains the reference information for SAE J1802.

2. REFERENCES

2.1 Applicable Document

The following publication forms a part of this specification to the extent specified herein. Unless otherwise indicated, the latest issue of SAE publications shall apply.

2.1.1 SAE Publication

Available from SAE International, 400 Commonwealth Drive, Warrendale, PA 15096-0001, Tel: 877-606-7323 (inside USA and Canada) or 724-776-4970 (outside USA), www.sae.org.

SAE J1802 Brake Block Effectiveness Rating

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http://www.sae.org/technical/standards/J1802/1_201105

3. NOTES

3.1 Marginal Indicia

A change bar (I) located in the left margin is for the convenience of the user in locating areas where technical revisions, not editorial changes, have been made to the previous issue of this document. An (R) symbol to the left of the document title indicates a complete revision of the document, including technical revisions. Change bars and (R) are not used in original publications, nor in documents that contain editorial changes only.

PREPARED BY THE SAE TRUCK AND BUS FOUNDATION BRAKE COMMITTEE
OF THE SAE TRUCK AND BUS BRAKE AND STABILITY CONTROL STEERING COMMITTEE

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APPENDIX A - BRAKE ASSEMBLY MOUNTING/DYNAMOMETER STUB AXLE FIXTURE

A.1 BRAKE ASSEMBLY MOUNTING/DYNAMOMETER STUB AXLE FIXTURE

See Figure A1.

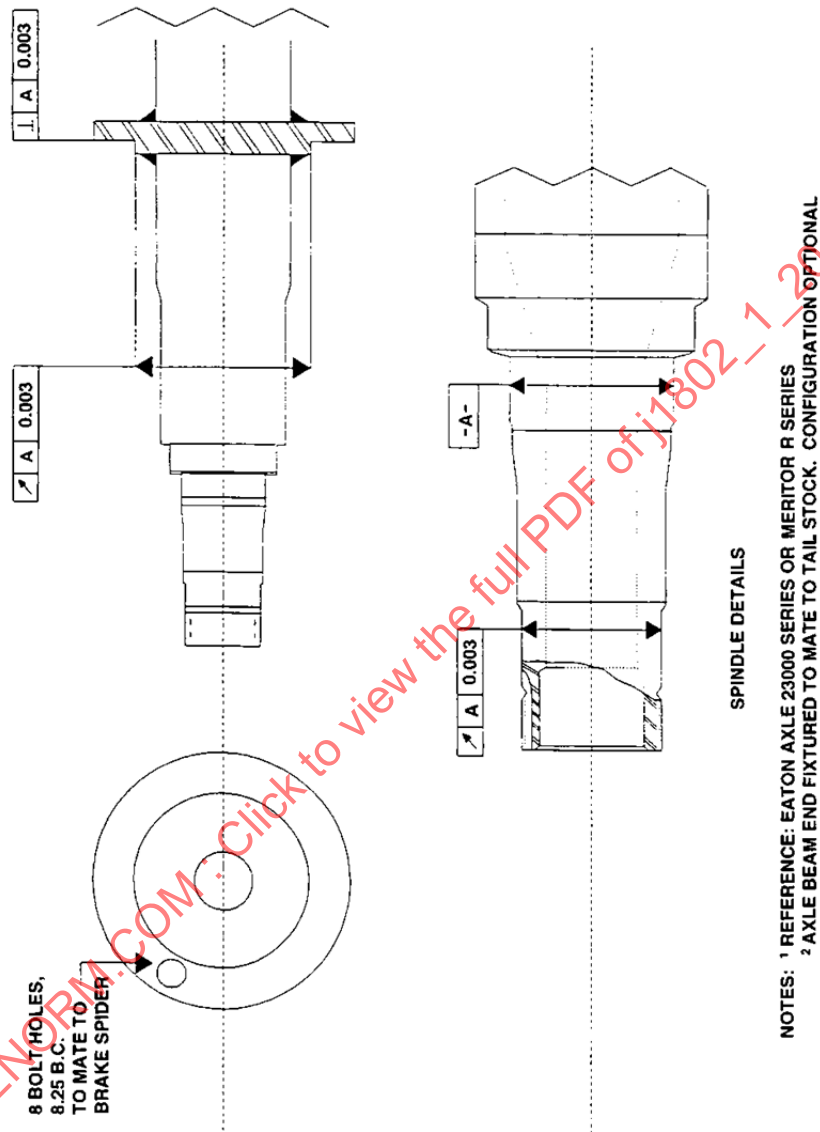


FIGURE A1 - BRAKE ASSEMBLY MOUNTING/DYNAMOMETER STUB AXLE FIXTURE

APPENDIX B - COMPONENTS PART LIST

B.1 COMPONENTS PART LIST

See Table B1.

TABLE B1 - COMPONENTS PART LIST⁽¹⁾

Component	SAE P/N ⁽²⁾	Reference
1. Brake Drum (See Figure C1)	RM—	Gunite 3656
2. Hub (See Figure C2)	RM—	Gunite HR-6540
3. Spider (See Figure C3)	RM—	Meritor A-3211-H-996
4. Camshaft Bushings (See Figure C3)	RM—	Meritor 1225-N-378
5. Brake Shoe (See Figure C4)	RM—	Meritor A-3722-D-1959
6. Brake Shoe Roller (See Figure C4)	RM—	Meritor 1199-U-3765
7. Anchor Pin (See Figure C5)	RM—	Meritor 1259-R-252
8. Lining Blocks		
—Cam (See Figure C6)	RM—	FMSI 4515E
—Anchor (See Figure C7)	RM—	FMSI 4515E
9. Bracket Assembly (See Figure C3)	RM—	Meritor A7-3299-R-1552
10. Camshaft (See Figures C8 and C9)	RM—	Eaton 70306
11. Air Chamber (See Figure C10)	RM—	Bendix 108492 (Rotochamber)
12. Return Spring (See Figure C11)	RM—	Meritor 1225-R-590
13. Slack Adjuster (See Figure C12)	RM—	Bendix 278014
14. Anchor Pin Bushings (See Figure C13)	RM—	Meritor 1225-B-496 (Spider)
		1225-F-266 (Shoe)
		1225-N-352 (Shoe)

1. The above material is available directly from SAE and is to be used exclusively for SAE J1802 testing.
2. Reference P/Ns are for reference only and cannot be used for SAE J1802 testing: RM-R/Ns are similar to the reference P/Ns, but are distinctly different due to unique specifications and dimensions.

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APPENDIX C - COMPONENT SKETCHES

C.1 COMPONENT SKETCHES

See Figures C1 through C12.

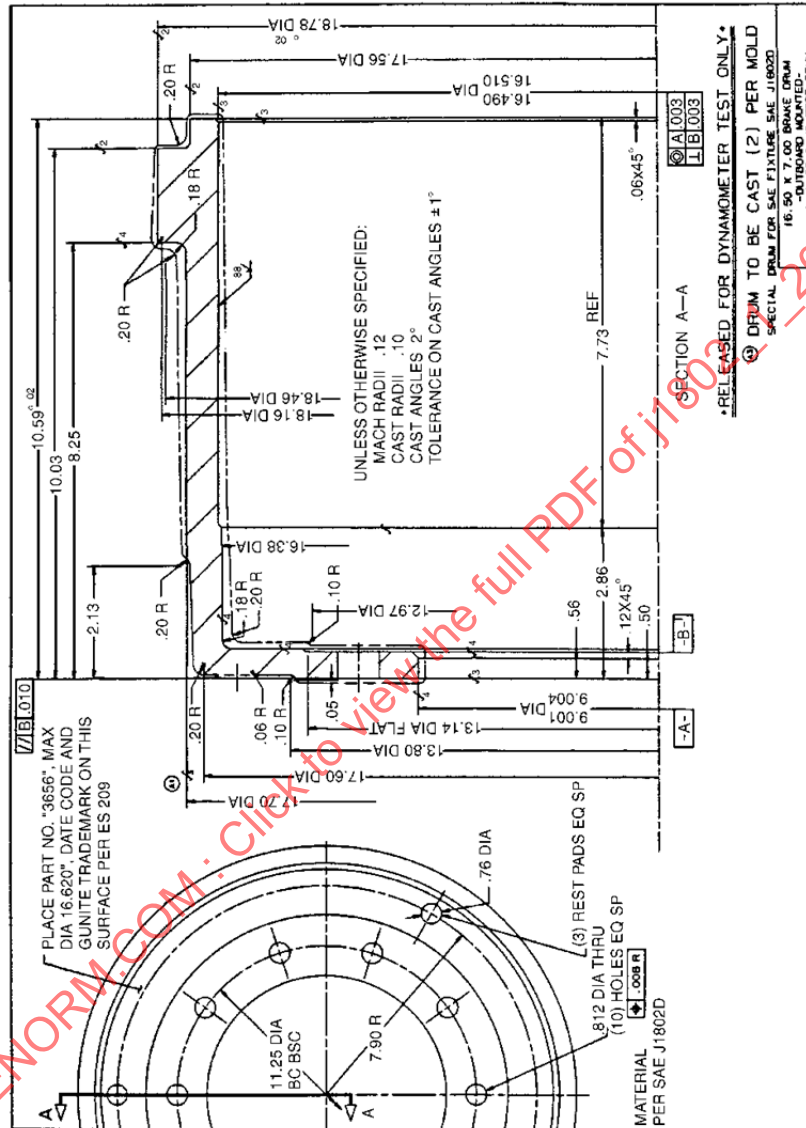


FIGURE C1 - BRAKE DRUM

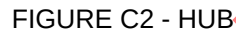




FIGURE C3 – BRAKE SPIDER

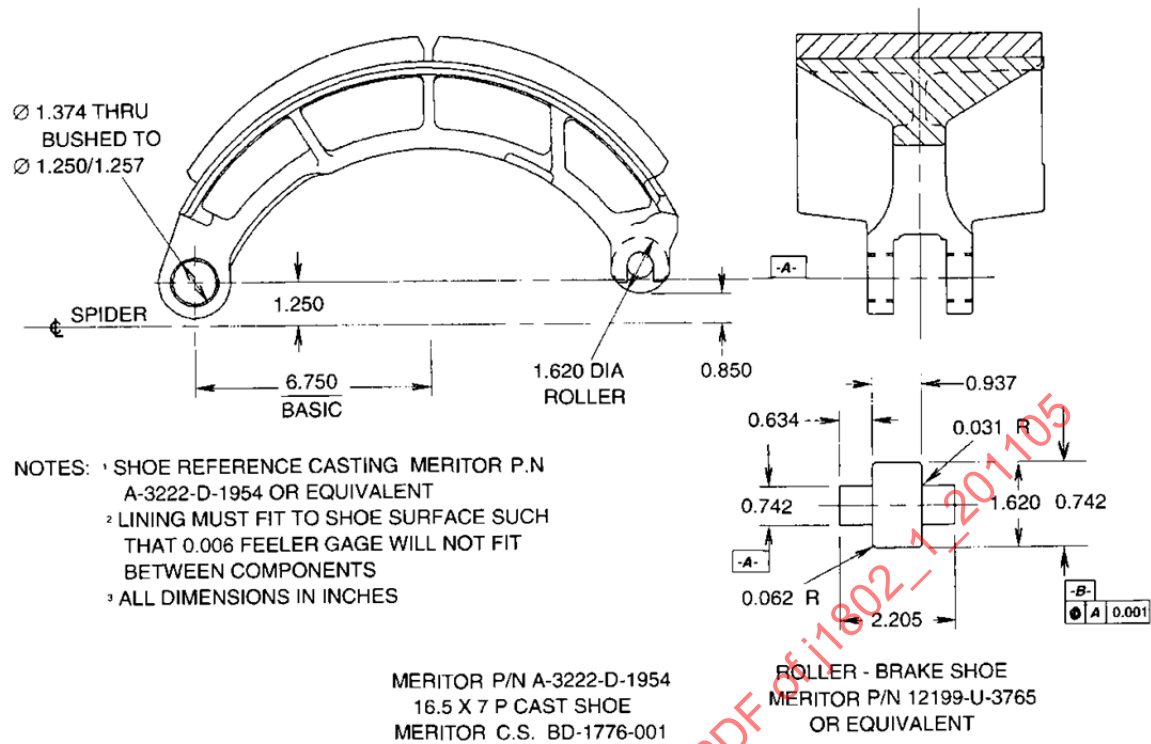


FIGURE C4 - BRAKE SHOE AND ROLLER

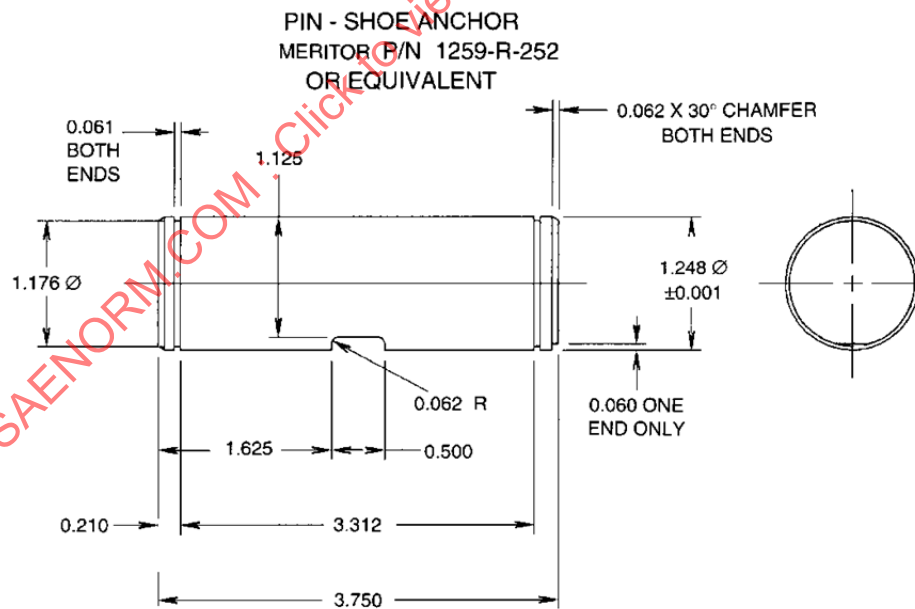


FIGURE C5 - ANCHOR PIIN

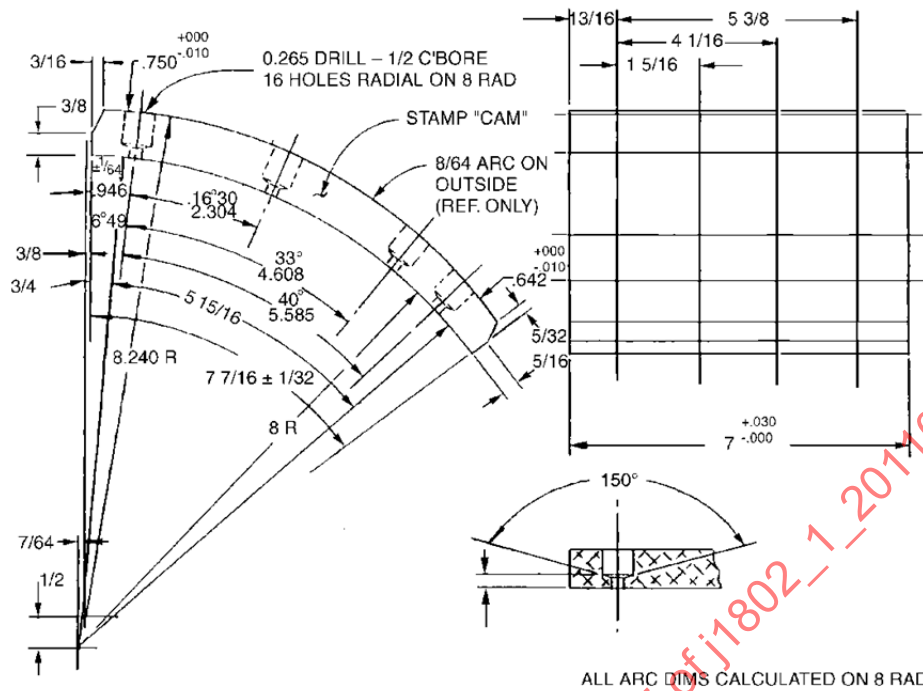


FIGURE C6 - BRAKE BLOCK (CAM) FMSI NO. 4515E

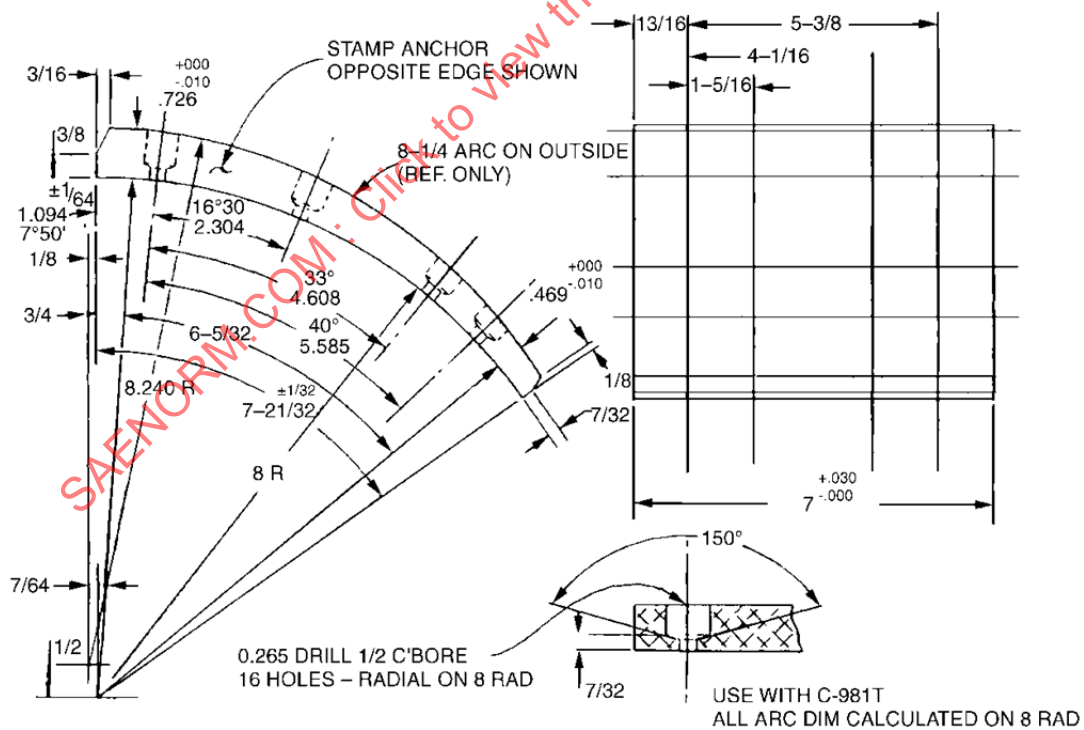


FIGURE C7 - BRAKE BLOCK (ANCHOR) FMSI NO. 4515E