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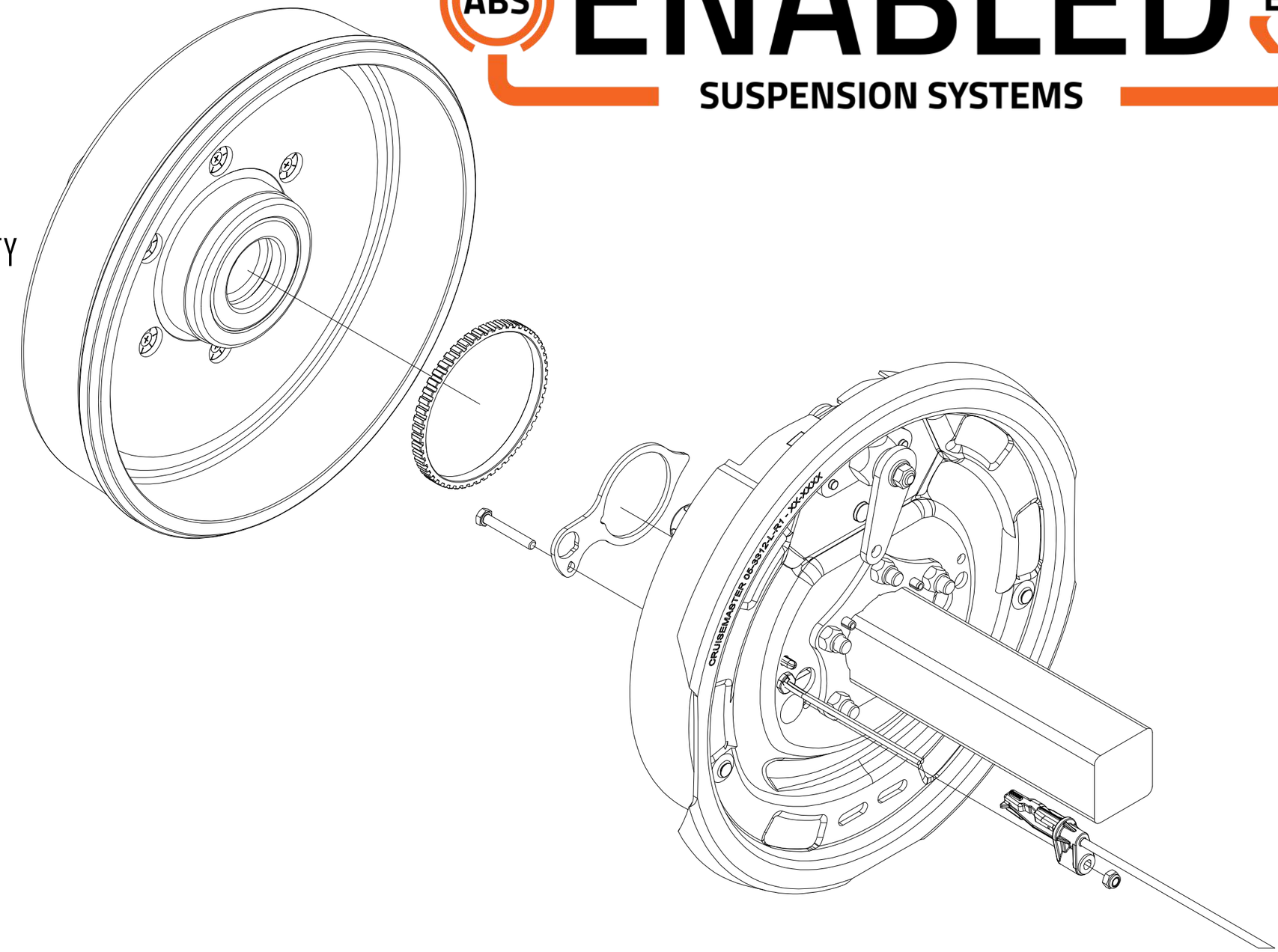
CRUISE MASTER™

CRUISEMASTER™ ABS ENABLED ESC

SUSPENSION SYSTEMS

BRAKE SYSTEM COMPATIBILITY GUIDE

2. WELD RING COMPATIBILITY AND TRIM TEMPLATES
3. BRAKE BACKING PLATE COMPATIBILITY
4. BRAKE DRUM COMPATIBILITY



REV	DESCRIPTION	ECN	ENGINEER	DATE
1	Initial release	--	SS	22/04/2024

BRAKE SYSTEM COMPATIBILITY GUIDE — TITLE

85-COMPATIBILITY-BRAKES — PART NUMBER

MATERIAL: | FINISH:

ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE STATED

DO NOT SCALE | MASS: N/A | PAGE: 1 of 4

SUPPLIER CODE: | VOLUME: N/A | SHEET SIZE: A3

UNLESS OTHERWISE STATED DIM		TOL
0	±	0.5
0.0	±	0.2
0.00	±	0.05
MACHINED		3.2

GEN SHORE HARDNESS TOL ± 3

REMOVE SHARP EDGES

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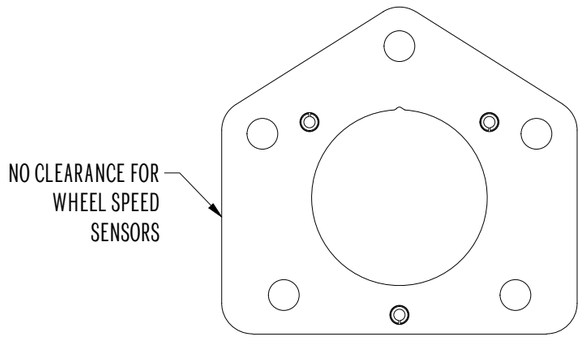
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2. WELD RING COMPATIBILITY AND TRIM TEMPLATES

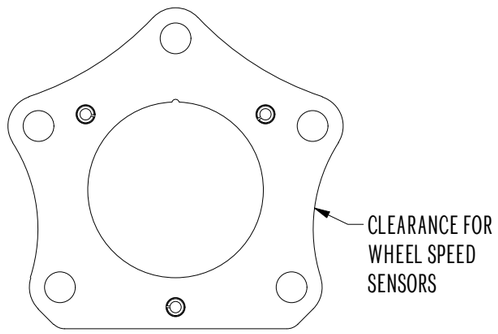
CRUISEMASTER™ ENABLED ESC
ABS
SUSPENSION SYSTEMS

12 INCH WELD RING

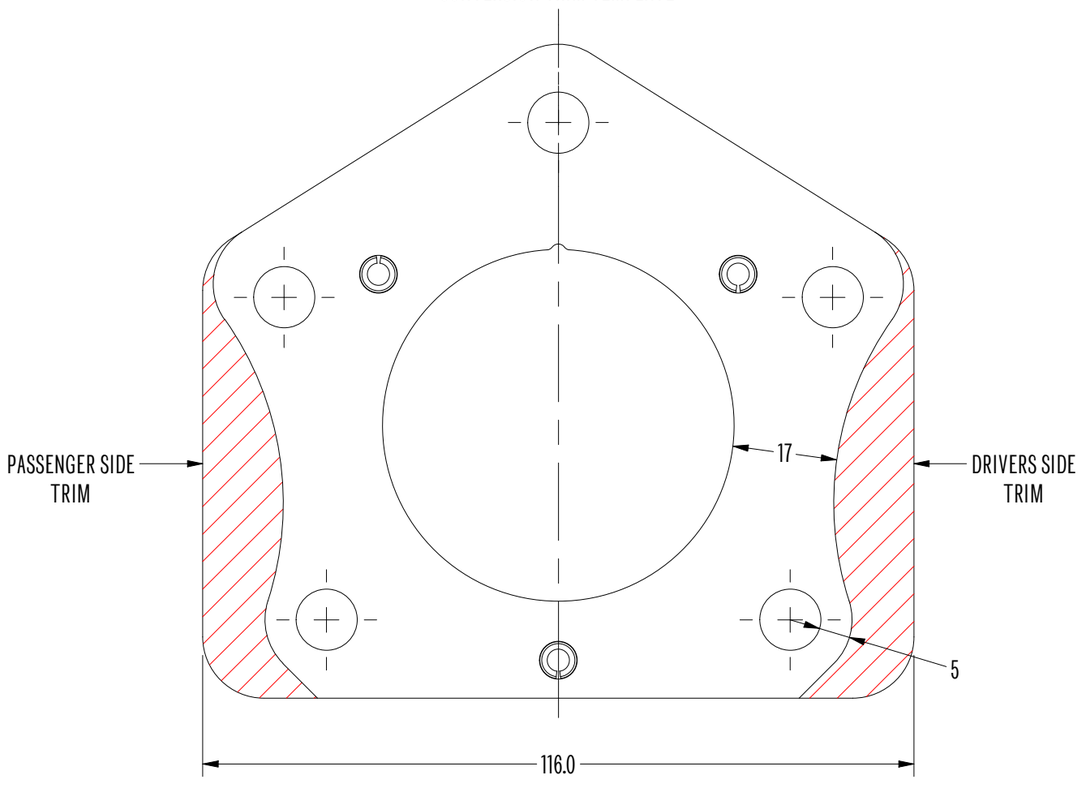
INCOMPATIBLE



COMPATIBLE



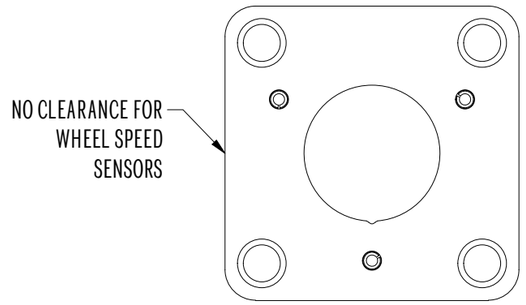
CONVERSION TRIM TEMPLATE



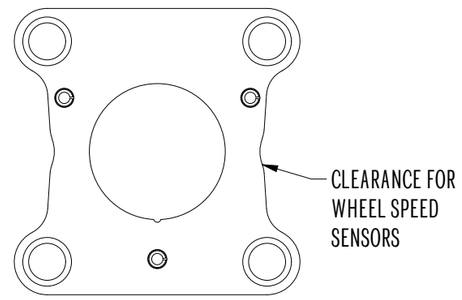
1:1 SCALE TEMPLATE - PRINT ON A3
VIEW TOWARDS INBOARD OF VEHICLE

10 INCH WELD RING

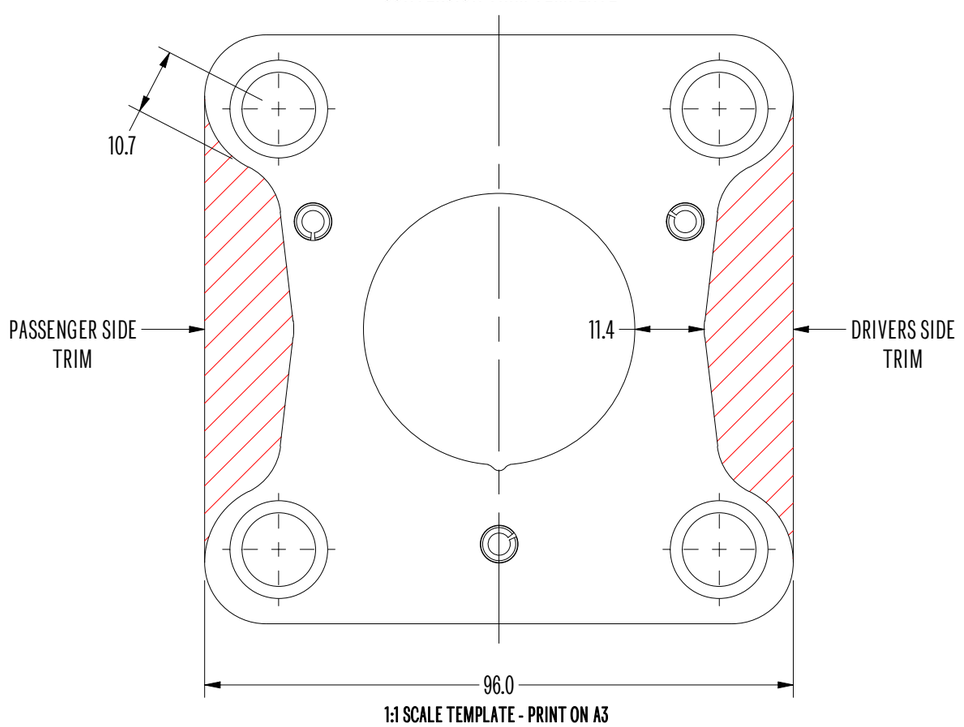
INCOMPATIBLE



COMPATIBLE



CONVERSION TRIM TEMPLATE



1:1 SCALE TEMPLATE - PRINT ON A3
VIEW TOWARDS INBOARD OF VEHICLE

NOTES:
1. OPTIONAL: BOTH SIDES OF THE WELD RING MAY BE TRIMMED FOR AESTHETIC PURPOSES.
2. SEE PAGE 4. "WELD RING CONVERSION" IN "ENABLED BRAKE SYSTEM INSTALLATION GUIDE" FOR DETAILS ON HOW TO COMPLETE WELD RING CONVERSION.

BRAKE SYSTEM COMPATIBILITY GUIDE — TITLE

85-COMPATIBILITY-BRAKES — PART NUMBER

MATERIAL: | FINISH:

ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE STATED
DO NOT SCALE | MASS: 0.290 kg | PAGE: 2 of 4
SUPPLIER CODE: | VOLUME: 37648.5 mm^3 | SHEET SIZE: A3

UNLESS OTHERWISE STATED DIM		TOL
0	±	0.5
0.0	±	0.2
0.00	±	0.05

MACHINED 3.2

GEN SHORE HARDNESS TOL ± 3
REMOVE SHARP EDGES

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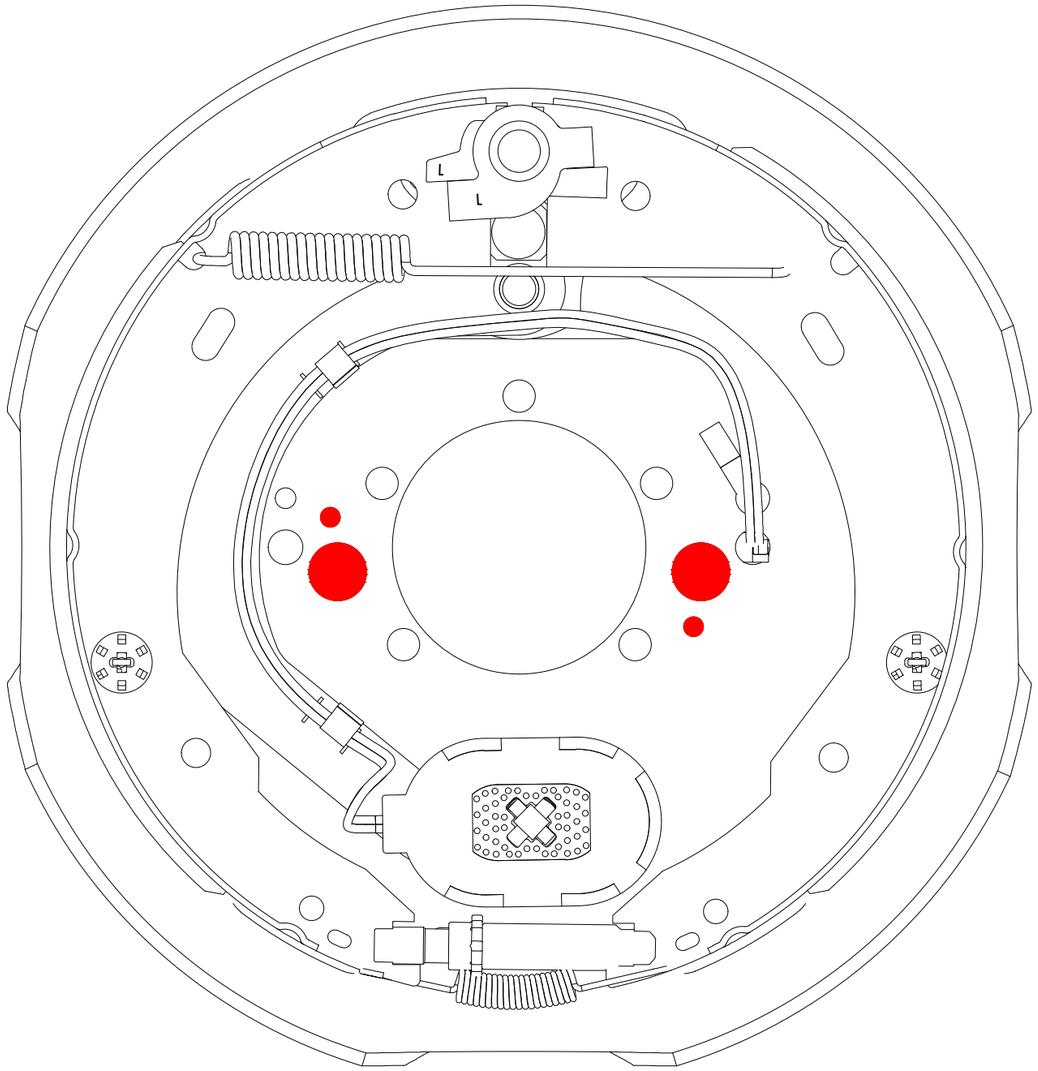
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3. BRAKE BACKING PLATE COMPATIBILITY

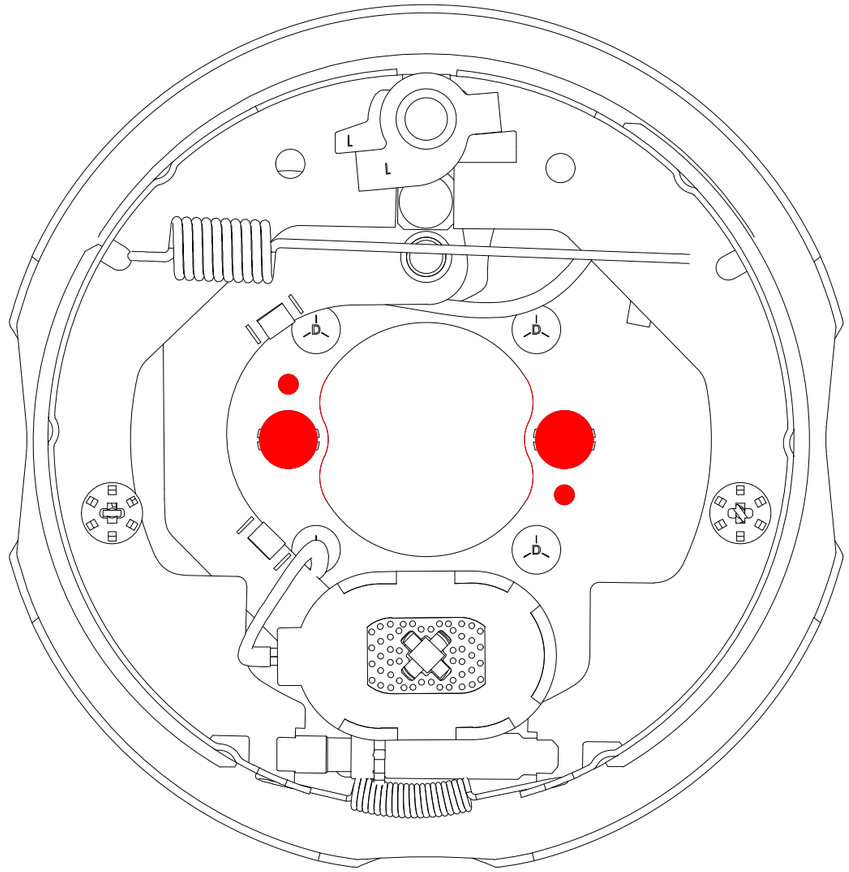
CRUISEMASTER™ ABS ENABLED ESC SUSPENSION SYSTEMS

12IN CM EL BRAKE



12 INCH COMPATIBLE BRAKES WILL HAVE
WHEEL SPEED SENSOR MOUNTING HOLES IN THE BACKING PLATE

10IN CM EL BRAKE



10 INCH COMPATIBLE BRAKES WILL HAVE
WHEEL SPEED SENSOR MOUNTING HOLES IN THE BACKING PLATE
AS WELL AS ADDITIONAL PROFILING AROUND THE CENTRE HOLE.

NOTES:
1. COMPATIBLE FEATURES ARE DEPICTED IN RED. IF PARTS DO NOT HAVE THESE FEATURES, THEY ARE NOT COMPATIBLE AND MUST NOT BE USED FOR ABS/ESC ENABLED SYSTEMS.
2. PLASTIC GROMMETS ARE INSTALLED IN WHEEL SPEED SENSOR PASS THROUGH HOLES. THEY REQUIRE REMOVAL PRIOR TO WHEEL SPEED SENSOR INSTALLATION THROUGH THE REAR OF THE BACKING PLATE.
3. IF BRAKES ARE INCOMPATIBLE, THEY MUST BE REPLACED WITH THE COMPATIBLE VERSION. MODIFICATION TO INCOMPATIBLE BRAKES IS NOT ALLOWED.

BRAKE SYSTEM COMPATIBILITY GUIDE — TITLE

85-COMPATIBILITY-BRAKES — PART NUMBER

MATERIAL: | FINISH:

ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE STATED
DO NOT SCALE | MASS: 7.254 kg | PAGE: 3 of 4
SUPPLIER CODE: | VOLUME: 1145380.5 mm^3 | SHEET SIZE: A3

UNLESS OTHERWISE STATED

DIM		TOL
0	±	0.5
0.0	±	0.2
0.00	±	0.05
MACHINED		3.2

GEN SHORE HARDNESS TOL ± 3
REMOVE SHARP EDGES

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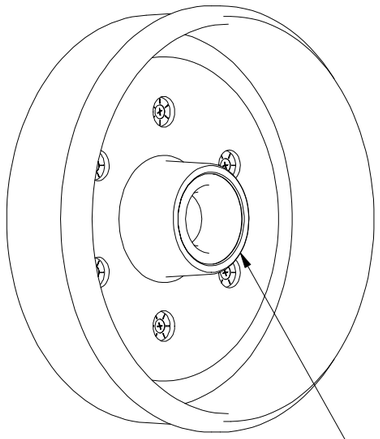
4. BRAKE DRUM COMPATIBILITY

CRUISEMASTER™ ABS ENABLED ESC SUSPENSION SYSTEMS

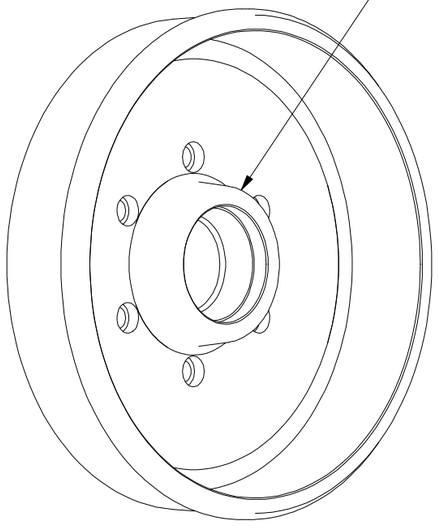
INCOMPATIBLE

UNABLE TO BE USED IN ABS/ESC SYSTEM
REQUIRES REPLACEMENT WITH ENABLED DRUM

10 INCH



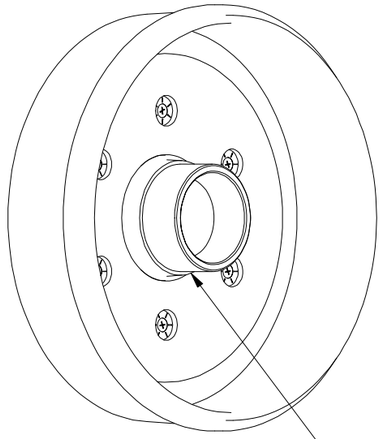
12 INCH



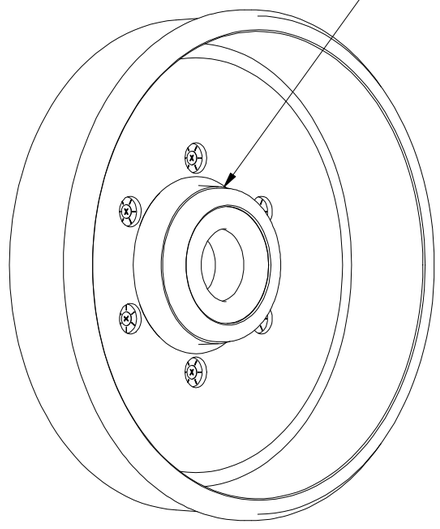
COMPATIBLE

MAY BE USED IN ABS/ESC SYSTEM
REQUIRES TONE RING TO BE FITTED

10 INCH



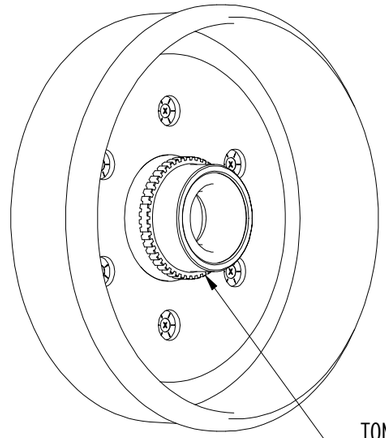
12 INCH



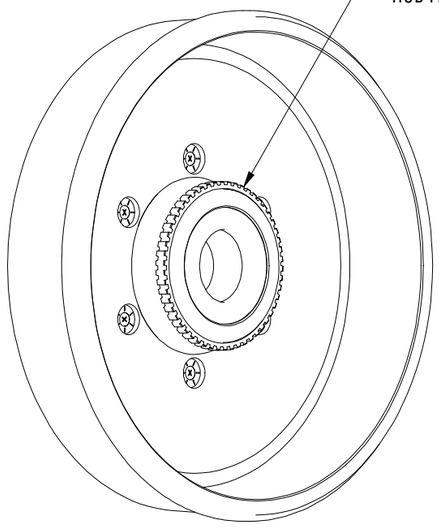
ENABLED

READY FOR USE IN ABS/ESC SYSTEM

10 INCH



12 INCH



BRAKE SYSTEM COMPATIBILITY GUIDE	TITLE
85-COMPATIBILITY-BRAKES	PART NUMBER
MATERIAL:	FINISH:
ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE STATED	
DO NOT SCALE	MASS: N/A — PAGE: 4 of 4
SUPPLIER CODE:	VOLUME: N/A — SHEET SIZE: A3

UNLESS OTHERWISE STATED

DIM		TOL
0	±	0.5
0.0	±	0.2
0.00	±	0.05
MACHINED		3.2

GEN SHORE HARDNESS TOL ± 3
REMOVE SHARP EDGES

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