

## SARDA On-Road Electric Super Stock Scrutineering Guidelines

	MONSTER	EPIC	CO 27	EPIC X	ILLEGAL MOTOR PARTS
CAN	<ol style="list-style-type: none"> <li>1. Light Blue in colour</li> <li>2. Stamped "Epic 27" "Japan"</li> <li>3. Square pointed vent holes</li> <li>4. Has no positioning clips for magnets</li> <li>5. Fixed timing slot and endbell pin sit tightly. No play on timing.</li> <li>6. No Bearings.</li> </ol>	<ol style="list-style-type: none"> <li>1. Light Gold in colour</li> <li>2. Stamped "Epic 27" "Japan"</li> <li>3. Square pointed vent holes</li> <li>4. Has no positioning clips for magnets</li> <li>5. Fixed timing slot and endbell pin sit tightly. No play on timing.</li> <li>6. No Bearings.</li> </ol>	<ol style="list-style-type: none"> <li>1. Dark Blue in colour</li> <li>2. Stamped "Epic 27" "Japan"</li> <li>3. Round pointed vent holes</li> <li>4. Has positioning clips for magnets</li> <li>5. Fixed timing slot and endbell pin sit tightly. No play on timing.</li> <li>6. No Bearings.</li> </ol>	<ol style="list-style-type: none"> <li>1. Black in colour</li> <li>2. Stamped "Epic 27" "Japan"</li> <li>3. Square pointed vent holes</li> <li>4. Has positioning clips for magnets</li> <li>5. Fixed timing slot and endbell pin sit tightly. No play on timing.</li> <li>6. No Bearings.</li> </ol>	<ol style="list-style-type: none"> <li>1. All 4 magnet cans</li> <li>2. Adjustable timing</li> <li>3. Bearing in can</li> </ol>
ENDBELL	Marked "Epic Japan"	Marked "Epic Japan"	Marked "Epic Japan"	Marked "Epic Japan"	Endbell not EPIC Japan or laydown brushes
BRUSHES	<ol style="list-style-type: none"> <li>1. Laydown brushes</li> <li>2. Must have brushes on both sides</li> <li>3. Brush springs may be changed</li> </ol>	<ol style="list-style-type: none"> <li>1. Laydown brushes</li> <li>2. Must have brushes on both sides</li> <li>3. Brush springs may be changed</li> </ol>	<ol style="list-style-type: none"> <li>1. Laydown brushes</li> <li>2. Must have brushes on both sides</li> <li>3. Brush springs may be changed</li> </ol>	<ol style="list-style-type: none"> <li>1. Laydown brushes</li> <li>2. Must have brushes on both sides</li> <li>3. Brush springs may be changed</li> </ol>	
ARMATURE	<ol style="list-style-type: none"> <li>1. Tag in black letters "EPIC27"</li> <li>2. Stack height 21.9mm</li> <li>3. Wire thickness 0.66mm</li> <li>4. Fin gap on circumference 3.7mm</li> <li>5. Fin gap in length 6.85mm</li> <li>6. Center core of armature between winds is thin i.e. deep in</li> <li>7. No epoxy balance</li> <li>8. Drill balance with not more than 4 holes.</li> <li>9. Step on fin flat on one side then up.</li> <li>10. Not allowed to polish armature stacks.</li> </ol>	<ol style="list-style-type: none"> <li>1. Tag in black letters "EPIC27"</li> <li>2. Stack height 21.9mm</li> <li>3. Wire thickness 0.66mm</li> <li>4. Fin gap on circumference 3.7mm</li> <li>5. Fin gap in length 8.36mm</li> <li>6. Center core of armature between winds is thin i.e. deep in</li> <li>7. No epoxy balance</li> <li>8. Drill balance with not more than 4 holes.</li> <li>9. Step on fin flat on one side then up.</li> <li>10. Not allowed to polish armature stacks.</li> </ol>	<ol style="list-style-type: none"> <li>1. Tag in green letters "EPIC27"</li> <li>2. Stack height 21.8mm</li> <li>3. Wire thickness 0.66mm</li> <li>4. Fin gap on circumference 3.7mm</li> <li>5. Fin gap in length 6.85mm</li> <li>6. Center core of armature between winds is thick i.e. level with winds</li> <li>7. No epoxy balance</li> <li>8. Drill balance with not more than 4 holes.</li> <li>9. Step on fin flat on one side then up.</li> <li>10. Not allowed to polish armature stacks.</li> </ol>	<ol style="list-style-type: none"> <li>1. Tag in red letters "EPIC27"</li> <li>2. Stack height 21.9mm</li> <li>3. Wire thickness 0.66mm</li> <li>4. Fin gap on circumference 3.5mm</li> <li>5. Fin gap in length 6.85mm</li> <li>6. Center core of armature between winds is thick i.e. deep in</li> <li>7. No epoxy balance</li> <li>8. Drill balance with not more than 4 holes.</li> <li>9. Note step on fin differs to all other recess is in not level</li> <li>10. Not allowed to polish armature stacks</li> </ol>	<ol style="list-style-type: none"> <li>1. Armature with tag "EPSTK27" not allowed</li> <li>2. No inter swapping of parts i.e. CO 27 armature in Monster can and so forth.</li> <li>3. Any armature that is epoxy balanced</li> <li>4. Any armature that is not tagged</li> </ol>
GENERAL	<ol style="list-style-type: none"> <li>1. Motor must be run as they were submitted to ROAR for approval.</li> <li>2. Tag on armature must be clearly marked and legible.</li> <li>3. No signs of tampering or modifying on armature, endbell and can.</li> <li>4. Refer to sample motor provided by SARDA for virtual reference and dimensions.</li> </ol>	<ol style="list-style-type: none"> <li>1. Motor must be run as they were submitted to ROAR for approval.</li> <li>2. Tag on armature must be clearly marked and legible.</li> <li>3. No signs of tampering or modifying on armature, endbell and can.</li> <li>4. Refer to sample motor provided by SARDA for virtual reference and dimensions.</li> </ol>	<ol style="list-style-type: none"> <li>1. Motor must be run as they were submitted to ROAR for approval.</li> <li>2. Tag on armature must be clearly marked and legible.</li> <li>3. No signs of tampering or modifying on armature, endbell and can.</li> <li>4. Refer to sample motor provided by SARDA for virtual reference and dimensions.</li> </ol>	<ol style="list-style-type: none"> <li>1. Motor must be run as they were submitted to ROAR for approval.</li> <li>2. Tag on armature must be clearly marked and legible.</li> <li>3. No signs of tampering or modifying on armature, endbell and can.</li> <li>4. Refer to sample motor provided by SARDA for virtual reference and dimensions.</li> </ol>	