

SERVICE TIPS



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Reference	Subject	Date
ST-115	Rigid Mount Installation with a Base to a Concrete Floor	4/27/2020
Product	Rigid Mount Washing Machines	

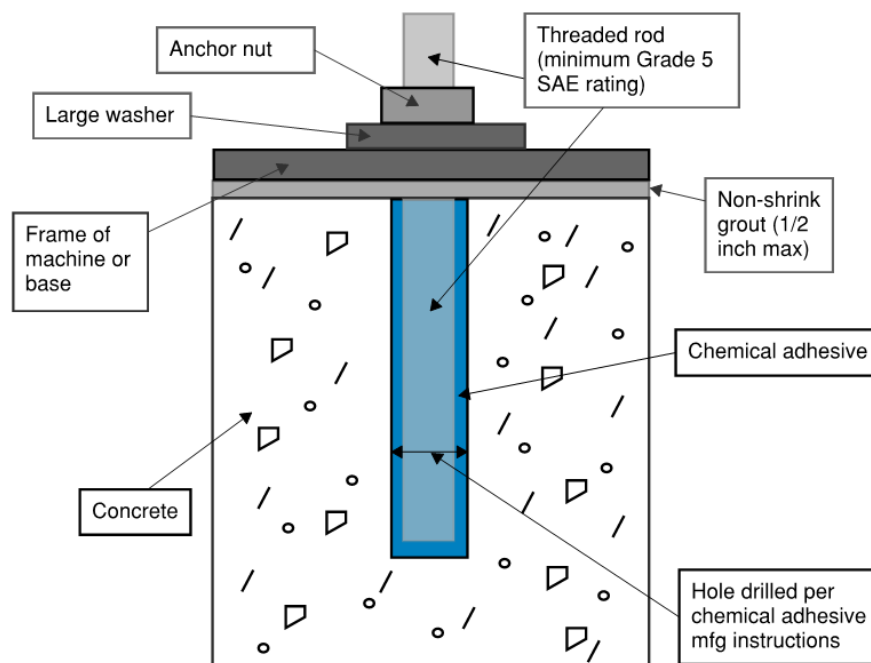
Summary	The energy generated when a rigid mount washing machine is in operation is transferred thru the base to the concrete floor. Improper installation can lead to excess vibration of the washing machine, damage to the facility, and damage to the washing machine.																																														
Model Info	REM025, RMG033, RMG040, RMG055, RMG070																																														
Required Materials	Non-shrink grout, anchoring adhesive (equivalent to Red Head A7 adhesive anchor), metal leveling spacers, Grade 5 SAE rated threaded rod																																														
Concrete Slab Req.	The rigid mount washers should be positioned on a horizontal and flat concrete surface capable of supporting the washer weight and its transmitted loads 3,500 to 4,000 psi. Consult the “Technical Specifications the install manual provided by manufacturer. If these requirements cannot be met, the manufacture recommends that the floor area be cut out and fill removed to a depth required by washer model. The area should be 4-6” larger than washer dimensions on all 4 sides. Excavate under existing floor in a pyramid fashion and pour new concrete with minimum # 6 wire mesh in area for washer to set on. Allow adequate time for the concrete to properly cure.																																														
	<table border="1"> <thead> <tr> <th></th><th>REM025</th><th>RMG033</th><th>RMG040</th><th>RMG055</th><th>RMG070</th></tr> </thead> <tbody> <tr> <td>Threaded rod diameter (inches)</td><td>½</td><td>5/8</td><td>5/8</td><td>5/8</td><td>¾</td></tr> <tr> <td>Threaded rod length (inches)</td><td>7</td><td>7</td><td>7</td><td>10</td><td>10</td></tr> <tr> <td>Quantity</td><td>4</td><td>4</td><td>4</td><td>6</td><td>8</td></tr> <tr> <td>Hole diameter (inches)</td><td>9/16</td><td>11/16</td><td>11/16</td><td>11/16</td><td>13/16</td></tr> <tr> <td>Hole depth (inches)</td><td>5</td><td>5</td><td>5</td><td>8</td><td>8</td></tr> <tr> <td>Concrete thickness (inches)</td><td>6</td><td>6</td><td>6</td><td>12</td><td>12</td></tr> </tbody> </table> 1. Position base on floor making sure to observe the working clearance for machine model being used. Place leveling washers between base and floor within 1” of each corner mounting hole in order to create a maximum gap of 1/2 inch between base and floor. Place level on base from front to rear and side-to-side, add or take away leveling washers until base is completely level (Note the location and amount of metal spacers).						REM025	RMG033	RMG040	RMG055	RMG070	Threaded rod diameter (inches)	½	5/8	5/8	5/8	¾	Threaded rod length (inches)	7	7	7	10	10	Quantity	4	4	4	6	8	Hole diameter (inches)	9/16	11/16	11/16	11/16	13/16	Hole depth (inches)	5	5	5	8	8	Concrete thickness (inches)	6	6	6	12	12
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2. With the base still in place carefully mark the holes. Once the holes have been marked remove the base from the area.
3. Drill the holes in accordance with the above sizing chart. Blow or vacuum any debris out of the hole. Verify the depth of the hole with your anchor. When placed in the hole, the anchor should be about 2 inches above the top of the concrete.
4. Remove the anchors from the holes and fill holes with anchoring adhesive. FOLLOW ALL CHEMICAL ADHESIVE MFG INSTRUCTIONS.
5. Place anchors back in the holes. Rotate the anchors about 180 degrees to ensure the anchoring adhesive is properly coating the anchor.
6. Place the metal spacers back in their original position and set the base over anchors. Verify that the base is still level side to side and front to back.
7. Fill the space between base and floor surface with non-shrinking machinery grout the full width and depth of frame members of washer. Make a drain opening in the rear of the base grouting approximately 1" wide to allow any water build-up under the base to drain away.
8. After the grout is completely dry and the chemical anchor is cured, tighten the nuts alternately until all anchors are securely tightened. It is recommended not to use a locking C-type washer as they often break apart and the machine vibration may allow parts to separate from the mounting nut. This may cause the washer to vibrate, which could result in damage to unit.
9. Place machine on the base and install fastening hardware. Make sure you use the large washer and tighten the nuts alternately until all anchors are securely tightened.



Always follow the warnings and procedures in the corresponding equipment instruction manual.

