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**ACCENT PRODUIT**  
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## Medium & Heavy-Duty Vehicle Release Bearing



6212



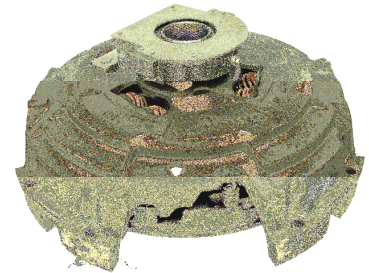
6212-2RS

AMS Automotive release bearing number 6212 and 6212-2RS is mounted inside the release bearing housing that is attached to popular 14" and 15.5" medium and heavy-duty pull-style clutches.

Because of its deep-groove design, this bearing can sustain radial and axial loads in either direction, as well as the complex loads, which result from the combination of these forces. These conditions frequently exist due to a failure to maintain free play in the cab, or when riding the clutch pedal. As a result, the release fork can force the bearing and sleeve assembly against the input shaft, causing damage to the bushing, sleeve, release fork and input shaft.

Following are important engineering and design details pertaining to AMS part number 6212 and 6212-2RS:

- Precisely finished steel raceways produce low friction and very little noise or vibration.
- Each bearing ball is made of select material for superb roundness, contour and surface finish, yielding longer life and reliability.
- The rivet-type pressed steel cages provide increased durability and strength.
- Utilization of ABMA's C3 clearance specification (measured between the rolling elements and raceway), provides for optimal expansion due to heat/improper alignment.
- 6212-2RS unlike the 6212 utilizes rubber seals which help to seal out contaminants from clutch and friction material wear.
- Recommended for new or remanufactured applications.



Typical pull-type pressure plate assembly

### 6212 / 6212-2RS Specifications

Outside Diameter	Inside Diameter	Thickness
4.33 in.	2.35 in.	.865 in.
110 mm	60 mm	22 mm

**Note:**

- The clutch release bearing assembly should be lubricated once a month or every 6,000-10,000 miles. Off-road or severe operation requires shorter service intervals.
- Failure to properly grease the release bearing assembly will yield higher temperatures and a loss of lubrication, resulting in bearing and sleeve damage.
- Failure to use an extreme pressure (EP) lithium-based grease, with a minimum temperature rating of -35° to 350°F, can cause a loss of lubrication, even under normal circumstances.

For more details, please contact our technical service department at 800.528.6743.