


# LOCTITE®



## LOCTITE HY 4070 Universal Bonder.

**Repairs almost everything.**  
The most versatile repair bonder available.

### THE PROBLEM

Vehicle repairs have to be fast, strong and often aesthetically appealing. Other repair adhesives are just not fast or versatile enough for many vehicle repair applications:

- Only bond certain materials
- Take too long to fixture and cure
- Have low strength
- Susceptible to chemicals, temperature extremes, impact or vibration

### THE LOCTITE SOLUTION

With LOCTITE HY 4070, you can solve all of those problems and make vehicle repairs that are light, fast, easy and unmatched in strength and visual appeal:

- Bonds to most materials
- Can fixture in less than 60 seconds
- Workable and durable
- Good resistance to chemicals, temperature extremes, impact or vibration



Henkel

## BENEFITS



### 1. Multi-Material Bonding

Some adhesives work fine when materials are similar. But none can match the substrate versatility of LOCTITE HY 4070. Metal to metal. Metal to plastic. Metal to rubber. Plastic to plastic. You name it, LOCTITE HY 4070 can bond it faster and better than 5-minute epoxies.



### 2. Fast Fixture and Cure

The longer an adhesive takes to cure, the longer each repair sits in your shop. LOCTITE HY 4070 can fixture in less than 60 seconds and reaches 50% of full strength within 30 minutes – much faster than 5-minute epoxies, with a gap-fill capability up to 5mm.



### 3. Strong, Durable Bond

LOCTITE HY 4070 makes repairs that are fast, easy and durable. It has good resistance to humidity, chemicals, impact and vibration for long lasting, reliable repairs. Without the safety concerns often associated with other types of repair materials.

## LOCTITE HY 4070

Product	Item Number	Pack	Color/Viscosity	Mix Ratio	Fixture Time	Working Time	Lap Shear Strength* [N/mm <sup>2</sup> ]				Gap Fill	Temperature Resistance
							Steel [Grit Blasted]	Aluminum [etched]	Poly-carbonate	Nitrile		
LOCTITE HY 4070	2237457	11g	Slightly cloudy to light yellow gel	10:1	0 mm gap < 60 sec., 2 mm gap 4–6 min.	3–4 min.	24–26	22–24	**	**	Up to 5 mm depending on bond geometry	120°C

\*ISO 4587, after 22 hours, 22°C; \*\*Bond exceeded strength of substrate; Contact your Henkel Representative for Technical Data Sheet



**LOCTITE Universal Bonders. Almost Nothing They Can't Do.**

LOCTITE's line of universal bonders have been engineered for substrate versatility, fast cure times and performance. They can bond almost anything, quickly and hold up under conditions that can make other adhesives fail.

And when bonders can do all that, there's almost nothing they can't do.

**Learn more about LOCTITE Universal Bonders and LOCTITE HY 4070 at [henkel-adhesives.co.uk](http://henkel-adhesives.co.uk)**

**Henkel Ltd**  
Wood Lane End  
Hemel Hempstead  
Hertfordshire  
HP2 4RQ

Tel.: (+44) 1442 278100  
[www.henkel-adhesives.co.uk](http://www.henkel-adhesives.co.uk)



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