

Honda 5spd

2-1 Coast Down Neutral when Cold or No Forward

No forward after driving for a short distance and coasting to a stop. The transmission will engage forward when manual 2nd or low is selected. This symptom usually occurs when the transmission is cold. The next coast down stop the symptom is gone. This problem in time will escalate to a no forward movement in drive 4 or drive 3. The only vehicles affected by this complaint are equipped with V6 engines and listed on the chart.

Honda Models		
Year	Model	Unit
2005-2008	Accord	Hybrid MURA
2003-2007	Accord	BAYA/MAYA
2002-2004	Odyssey	BYBA
2005-2009	Odyssey	BGRA
2003-2009	Pilot	BVGA
2006-2009	Ridgeline	BJFA/MJFA

Acura Models		
Year	Model	Unit
2000	3.2 TL	M7WA
2001-2003	3.2 TL	BGFA/MGFA/B7WA
2004-2008	TL	BDGA
2007-2008	TL Type 5	BDHA
2001-2002	MDX	MGHA/BGHA
2003-2004	MDX	MDKA
2005-2006	MDX	BDKA
2007-2008	MDX	BYFA
2007-2009	RDX	BWEA
2005-2009	RL	MJBA

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Failure usually occurs in the low one way clutch (sprag) and/or inner sprag race (part of 1st gear). The outer sprag race (low clutch hub) in most cases may not need replacement.

Inner race inspection: The 1st hold clutch hub must be pressed out from 1st gear with 1st gear facing up. After the components are disassembled, 1st gear (inner race) can be inspected. Excessive wear on the 1st gear inner race will require replacement.

**1st Gear
(Inner Race)**



Check for wear here



**Low Clutch Hub
Assembly**



**Hub presses out in this
direction**



**First Hold Clutch
Hub**



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Outer race and sprag inspection: Removing the sprag element from the low clutch hub requires the snap ring holding the bearing in place. There is no need to remove the retainer on the other side of the hub assembly. The bearing must be pressed out in the direction towards the snap ring. The reason for this procedure is the extended lip on the sprag element shown will not pass by the stepped edge inside the outer race. The extended lip will only allow the sprag to be installed or removed in one direction.

Replace components as needed. If both races are fine then only the sprag element needs to be replaced.

The sprag element is only available from the dealer as a complete assembly with the low clutch hub and bearing (Low Clutch Hub assembly). An alternative is to use an early 1982-86 4L60 (700R4) narrow sprag element without the two brass washers. This will also require leaving out the spacer to allow the sprag to fit. The spacer will not be needed because sprag will rest next to the bearing outer race and not move out of place.

The 4L60 sprag has no extended lip, it can be installed incorrectly. After the sprag is placed into the low hub assembly; check the rotation with the 1st gear (inner race) before pressing the bearing back in place.

**1st Hold Clutch Hub
(HOLD)**

**1st Clutch Hub
(TURN)**

**1st Gear
(HOLD)**



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