

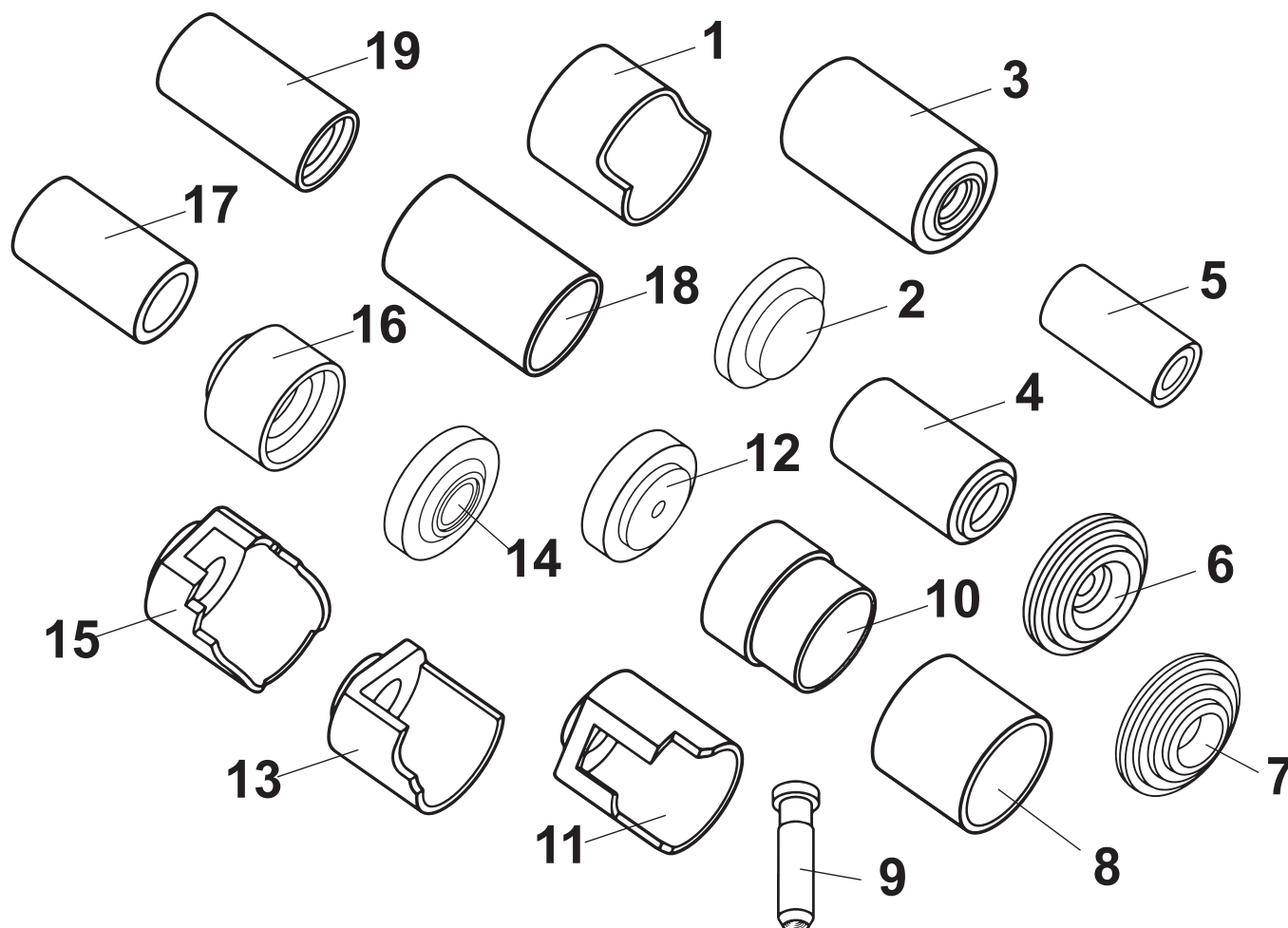


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Form No. 555193

Parts List for: 6529-5

Honda, Acura Ball Joint Adapter Kit



Parts List

Item			Item		
No.	Part No.	Description	No.	Part No.	Description
1	554398	Adapter	11	314427	Adapter
2	314428	Adapter	12	554403	Adapter
3	38355A	Adapter	13	554579	Adapter
4	314426	Adapter	14	554414	Adapter
5	554420	Adapter	15	554580	Adapter
6	305228	Adapter	16	554415	Adapter
7	305227	Adapter	17	554399	Adapter
8	29505	Adapter	18	554397	Adapter
9	314392	Plug	19	554416	Adapter
10	314425	Adapter			

Page No. 1 of 16

Issue Date: Rev. D, September 8, 2017

Acura

NOTE: Models not listed most likely require the control arm with ball joint assembly be replaced, or has a bolt-in style ball joint.

Model	Year	Type	Position	Location	Removal Adapters	Installation Adapters	Page
CL 2.2L	1997	Car	Lower	Front	314426, 314427	38355A or 554397, 314428	5
CL 2.3L	1998-1999	Car	Lower	Front	314426, 314427	38355A or 554397, 314428	5
CL 3.0L	1997-1999	Car	Lower	Front	314426, 314427	38355A or 554397, 314428	5
CL 3.2L	2001-2003	Car	Lower	Front	314426, 314427	38355A or 554397, 314428	5
CL 3.2L	2001-2003	Car	Upper	Front	29505, 305227, 554420	38355A, 554414	6
Integra	1994-2001	Car	Lower	Front	554399, 554580	314428, 554397	11
RL 3.5L	1996-2008	Car	Lower	Front	554399, 554580	554397, 554414	10
RSX	2002-2006	Car	Lower	Front	29505, 305227, 554416	554397	12
TL	2007-2008	Car	Lower	Front	554399, 554579	38355A, 314428	9
TL 2.5L	1996-1999	Car	Lower	Front	554399, 554579	554414, 554397	7
TL 3.2L	1996-1998	Car	Lower	Front	554398, 554399	554397	8
TL 3.2L	1999-2003	Car	Lower	Front	314426, 314427	38355A or 554397, 314428	5
TL 3.2L	1999-2003	Car	Upper	Front	29505, 305227, 554420	38355A, 554414	6
TL 3.2L	2004-2006	Car	Lower	Front	554399, 554579	38355A, 314428	9
TSX	2004-2008	Car	Lower	Front	554398, 554399	554397, 554403	13
TSX	2004-2008	Car	Upper	Front	29505, 305227, 554420	38355A, 554414	6

Honda

Model	Year	Type	Position	Location	Removal Adapters	Installation Adapters	Page
Accord	1990-1997	Car	Lower	Front	314426, 314427	38355A or 554397, 314428	5
Accord	1994-1997	Car	Upper	Front	29505, 305227, 554420	38355A, 554414	6
Accord Hybrid	2005-2006	Car	Lower	Front	554398, 554399	554397, 554403	13
Accord Hybrid	2005-2006	Car	Upper	Front	29505, 305227, 554420	38355A, 554414	6
Accord Sedan & Coupe	1998-2002	Car	Lower	Front	314426, 314427	38355A or 554397, 314428	5
Accord Sedan & Coupe	1998-2008	Car	Upper	Front	29505, 305227, 554420	38355A, 554414	6
Accord Sedan & Coupe	2003-2007	Car	Lower	Front	554398, 554399	554397, 554403	13
Civic	1992-2000	Car	Lower	Front	554399, 554580	314428, 554397	11
Civic	1992-2000	Car	Upper	Front	29505, 305227, 554420	38355A, 554415	14
Civic del Sol	1993-1997	Car	Lower	Front	554399, 554580	314428, 554397	11
Civic del Sol	1993-1997	Car	Upper	Front	29505, 305227, 554420	38355A, 554415	14

NOTE: Models not listed most likely require the control arm with ball joint assembly be replaced, or has a bolt-in style ball joint.

Honda (continued)

Model	Year	Type	Position	Location	Removal Adapters	Installation Adapters	Page
Civic Hatchback	2002-2005	Car	Lower	Front	554416, 554398	554397, 554403	15
Civic Hatchback Hybrid	2002-2005	Car	Lower	Front	554416, 554398	554397, 554403	15
Civic Sedan & Coupe	2001-2005	Car	Lower	Front	554398, 554416	554397, 554414	16
Civic Sedan & Coupe Hybrid	2003-2005	Car	Lower	Front	554398, 554416	554397, 554414	16
Prelude	1992-1999	Car	Lower	Front	314426, 314427	38355A or 554397, 314428	5

Explanation of Safety Signal Words



WARNING: Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.



CAUTION: Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

CAUTION: Used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.

Notes: Provide clarity and helpful information.

Safety Precautions



CAUTION: To prevent personal injury,



- Wear protective eyewear that meets the requirements of ANSI Z87.1 and OSHA.



- Before performing any repairs on a vehicle, block all wheels to prevent movement.
- Check the final alignment of tooling and components before using the C-frame press to exert pressure.

U-Joint Service

The C-frame included in this kit also may be used to service U-joints on most cars and light trucks – either on or off vehicle.

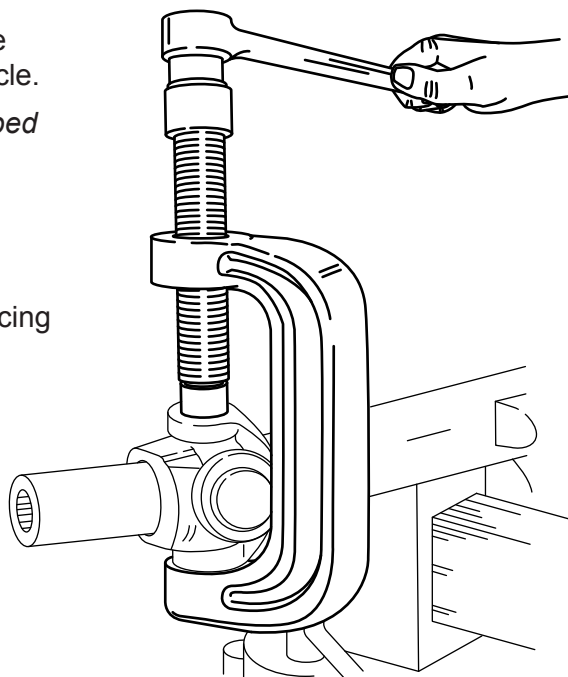
Note: This application uses the standard plug (29501) shipped with the forcing screw, not the 314392.

Disassembly

1. Remove external / internal lock rings.
2. Position C-frame around driveshaft yoke, and tighten forcing screw until first bearing is removed.
3. Position C-frame on second bearing, and tighten forcing screw until second bearing is removed.

Assembly

1. Clean dirt and oil from yoke area.
2. Align C-frame and new bearing as straight as possible over yoke.
3. Press new bearing into yoke, and install lock rings.
4. Position C-frame and second bearing as straight as possible over yoke.
5. Press new bearing into yoke, and install lock rings.



Ball Joint: Lower Front

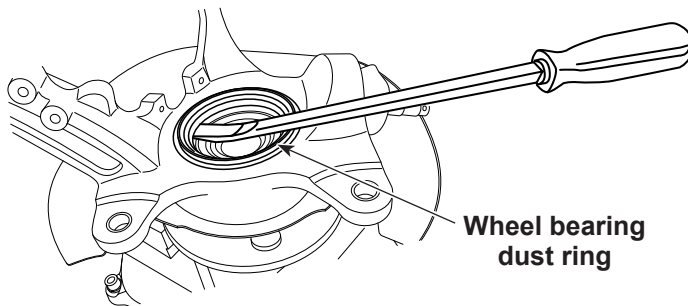
Application

Acura CL 2.2L 1997
Acura CL 2.3L 1998-1999
Acura CL 3.0L 1997-1999
Acura CL 3.2L 2001-2003
Acura TL 3.2L 1999-2003
Honda Accord 1990-1997
Honda Accord Sedan & Coupe 1998-2002
Honda Prelude 1992-1999

Note: Remove live center plug from C-frame forcing screw; replace it with 314392 plug supplied with this kit.

Removal

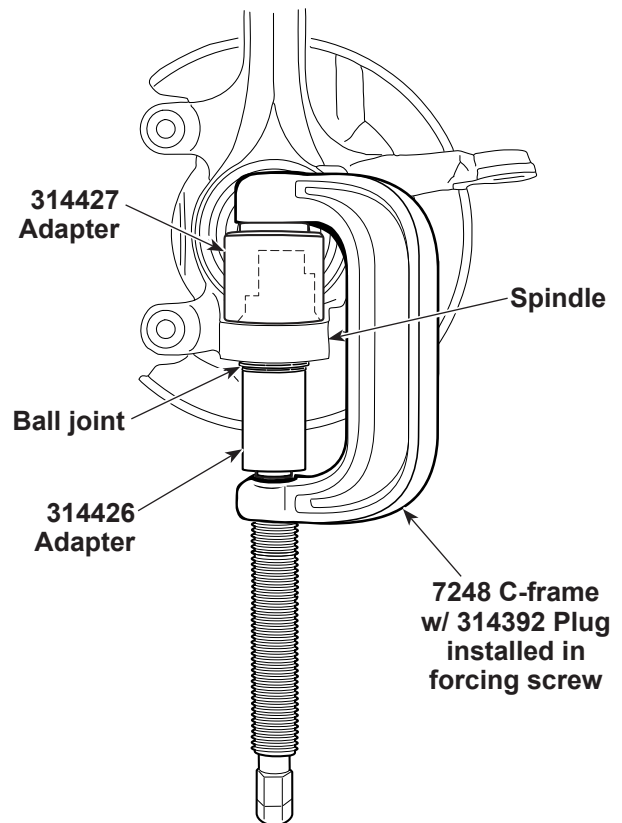
1. Remove dust boot and wheel bearing dust ring.



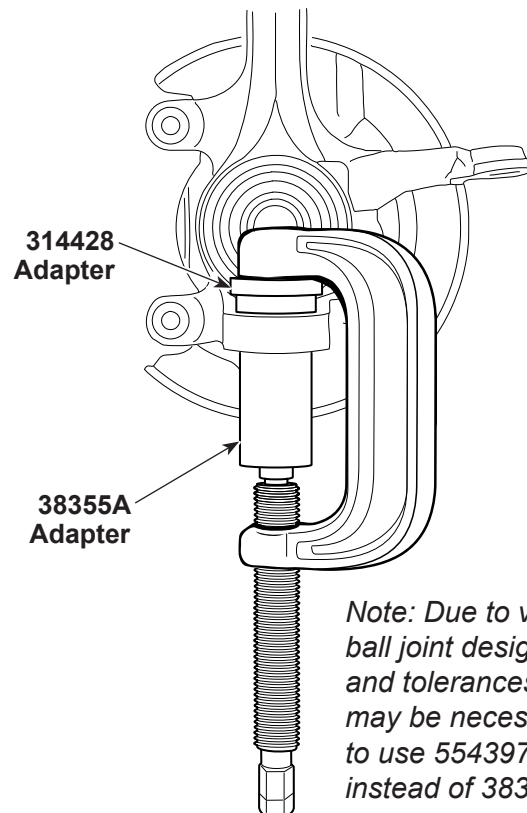
2. Position components as shown.
3. Turn forcing screw until plug meets ball joint or adapter. Check alignment of all components.
4. Tighten forcing screw until ball joint is removed.

Installation

1. Clean ball joint bore in spindle.
2. Insert new ball joint as straight as possible into spindle.
3. Position components as shown.
4. Turn forcing screw until plug meets ball joint or adapter. Check alignment of all components.
5. Tighten forcing screw until ball joint is firmly seated.
6. Install dust boot and wheel bearing dust ring.



Removal



Installation

Ball Joint: Upper Front

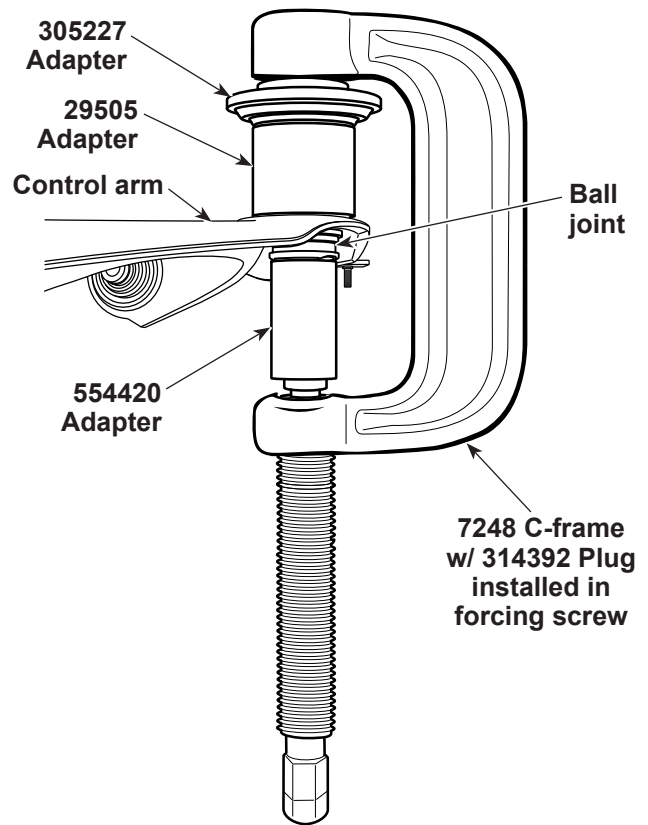
Application

Acura CL 3.2L 2001-2003
Acura TL 3.2L 1999-2003
Acura TSX 2004-2008
Honda Accord 1994-1997
Honda Accord Hybrid 2005-2006
Honda Accord Sedan & Coupe 1998-2008

Note: Remove live center plug from C-frame forcing screw; replace it with 314392 plug supplied with this kit.

Removal

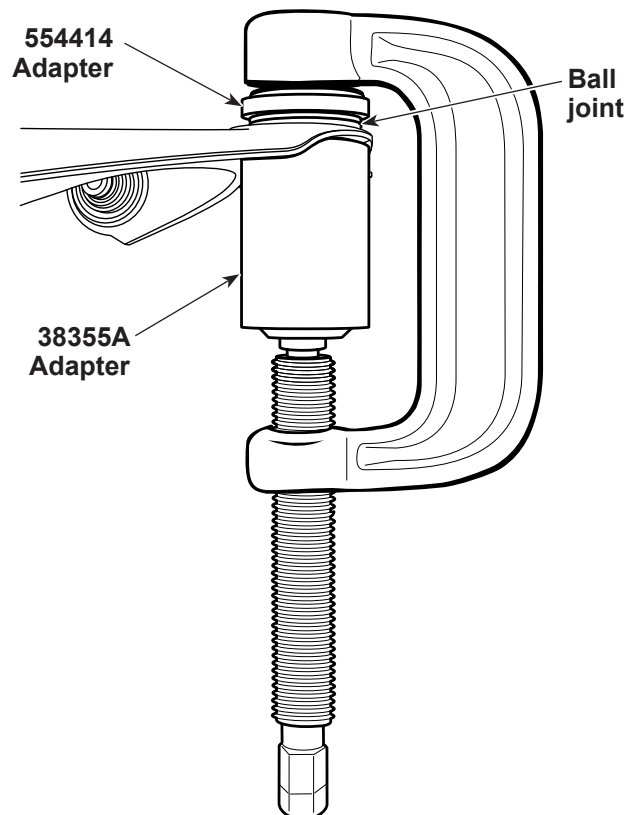
1. Remove dust boot.
2. Position components as shown.
3. Turn forcing screw until plug meets ball joint or adapter. Check alignment of all components.
4. Tighten forcing screw until ball joint is removed.



Removal

Installation

1. Clean ball joint bore in control arm.
2. Insert new ball joint as straight as possible into control arm.
3. Position components as shown.
4. Turn forcing screw until plug meets ball joint or adapter. Check alignment of all components.
5. Tighten forcing screw until ball joint is firmly seated.
6. Install dust boot.



Installation

Ball Joint: Lower Front

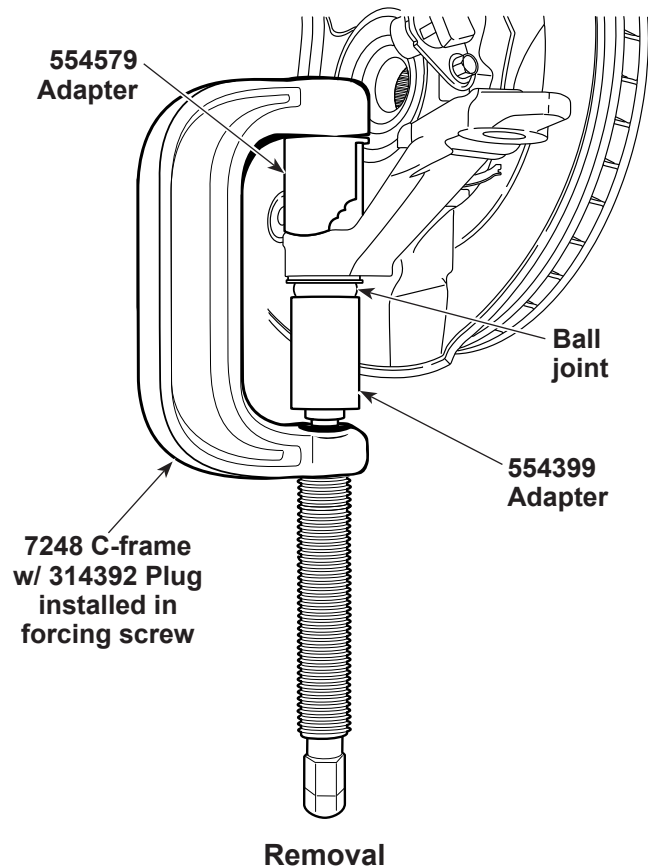
Application

Acura TL 2.5L 1996-1999

Note: Remove live center plug from C-frame forcing screw; replace it with 314392 plug supplied with this kit.

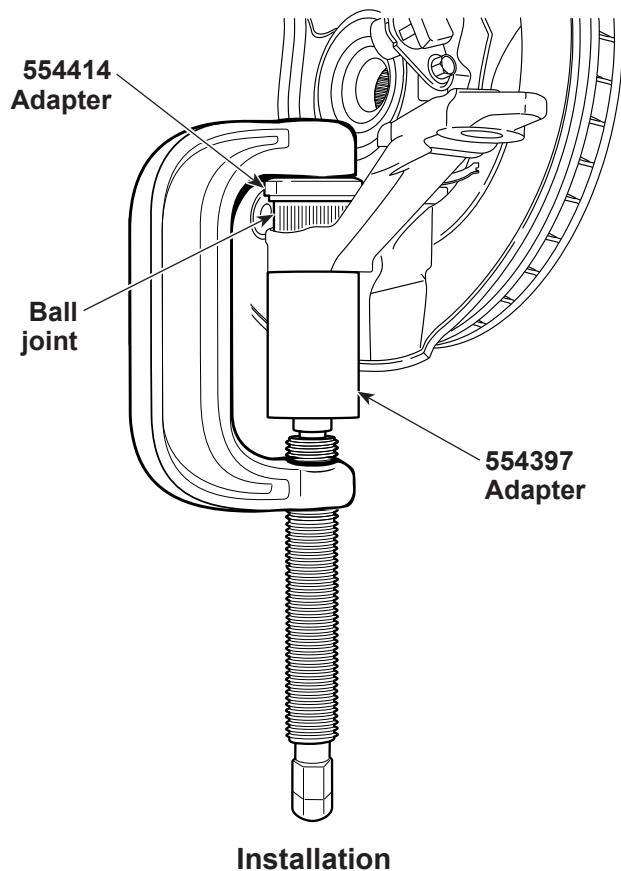
Removal

1. Remove dust boot.
2. Position components as shown.
3. Turn forcing screw until plug meets ball joint or adapter. Check alignment of all components.
4. Tighten forcing screw until ball joint is removed.



Installation

1. Clean ball joint bore in spindle.
2. Insert new ball joint as straight as possible into spindle.
3. Position components as shown.
4. Turn forcing screw until plug meets ball joint or adapter. Check alignment of all components.
5. Tighten forcing screw until ball joint is firmly seated.
6. Install dust boot.



Ball Joint: Lower Front

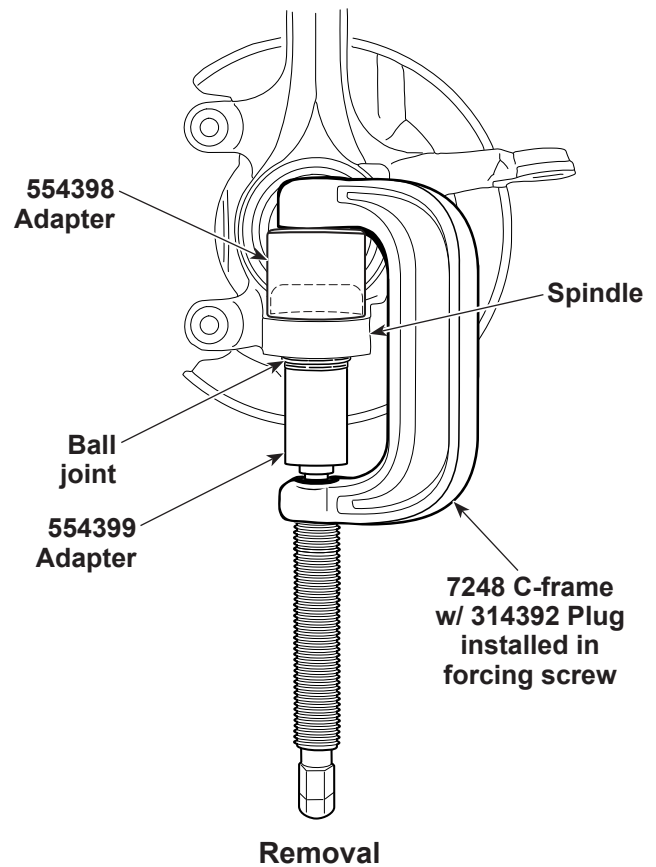
Application

Acura TL 3.2L 1996-1998

Note: Remove live center plug from C-frame forcing screw; replace it with 314392 plug supplied with this kit.

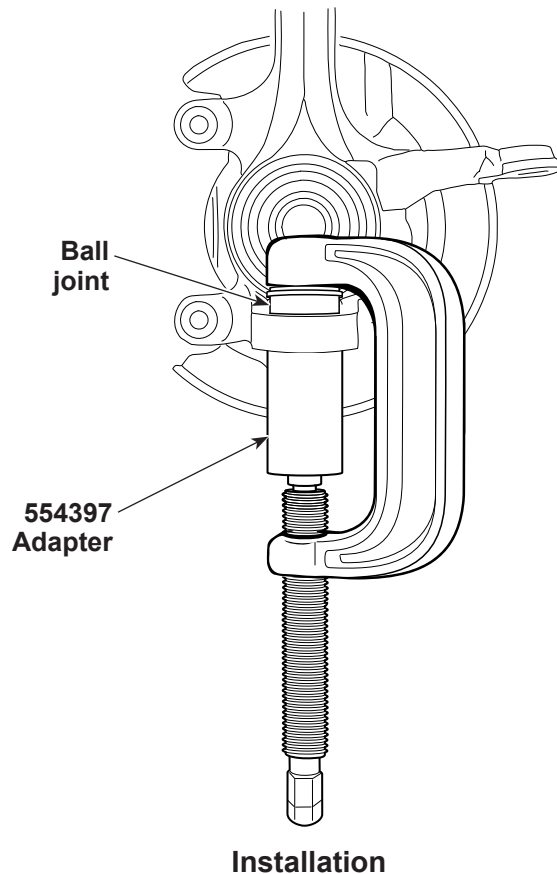
Removal

1. Remove dust boot.
2. Position components as shown.
3. Turn forcing screw until plug meets ball joint or adapter. Check alignment of all components.
4. Tighten forcing screw until ball joint is removed.



Installation

1. Clean ball joint bore in spindle.
2. Insert new ball joint as straight as possible into spindle.
3. Position components as shown.
4. Turn forcing screw until plug meets ball joint or adapter. Check alignment of all components.
5. Tighten forcing screw until ball joint is firmly seated.
6. Install dust boot.



Ball Joint: Lower Front

Application

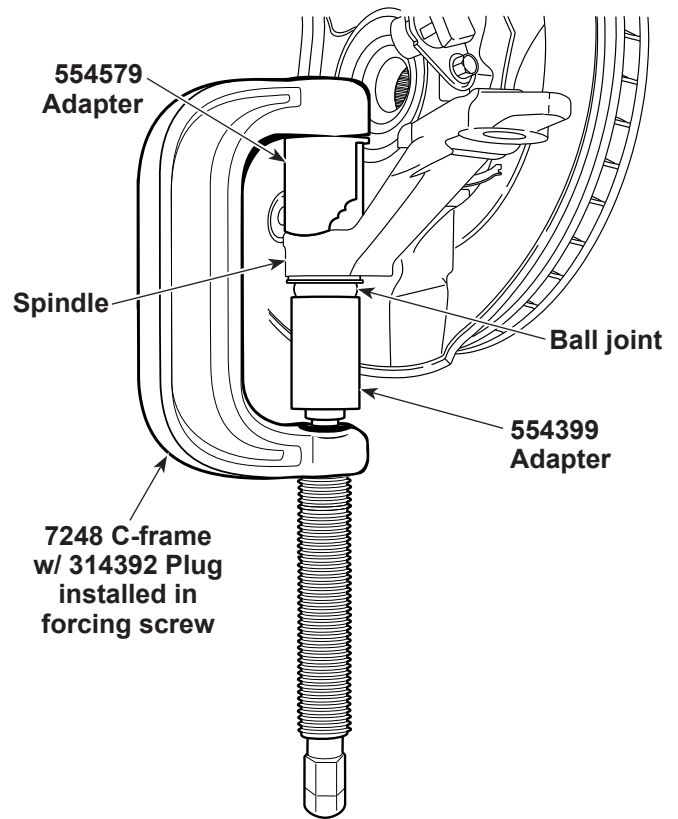
Acura TL 3.2L 2004-2006

Acura TL 2007-2008

Note: Remove live center plug from C-frame forcing screw; replace it with 314392 plug supplied with this kit.

Removal

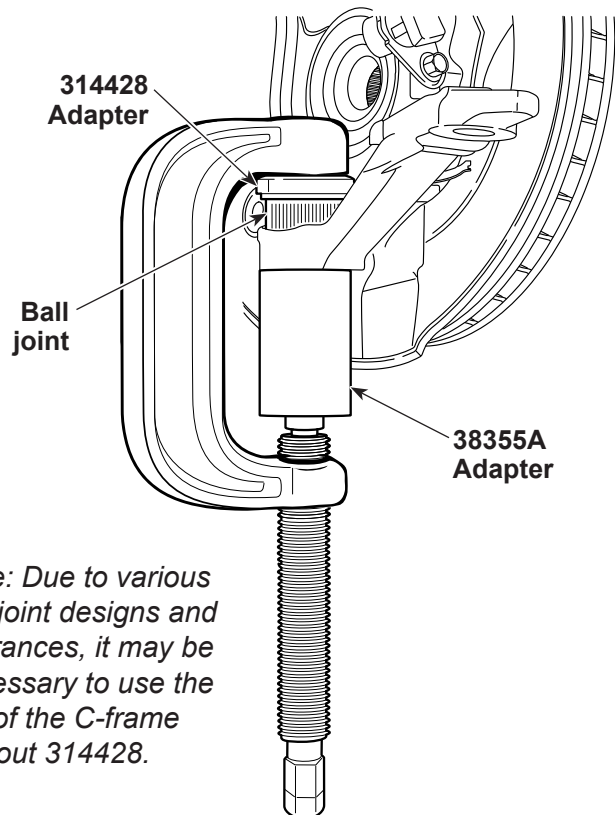
1. Remove dust boot.
2. Position components as shown.
3. Turn forcing screw until plug meets ball joint or adapter. Check alignment of all components.
4. Tighten forcing screw until ball joint is removed.



Removal

Installation

1. Clean ball joint bore in spindle.
2. Insert new ball joint as straight as possible into spindle.
3. Position components as shown.
4. Turn forcing screw until plug meets ball joint or adapter. Check alignment of all components.
5. Tighten forcing screw until ball joint is firmly seated.
6. Install dust boot.



Note: Due to various ball joint designs and tolerances, it may be necessary to use the top of the C-frame without 314428.

Installation

Ball Joint: Lower Front

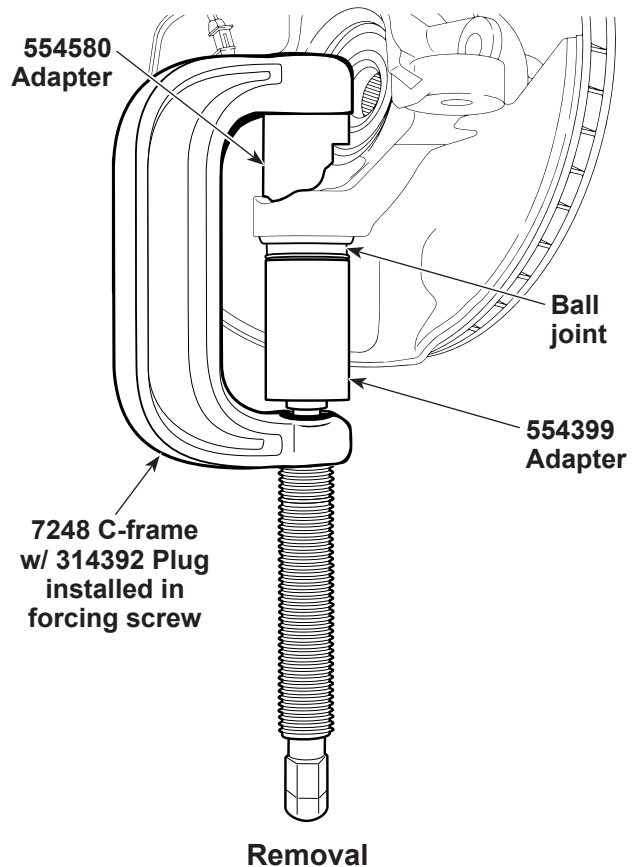
Application

Acura RL 3.5L 1996-2008

Note: Remove live center plug from C-frame forcing screw; replace it with 314392 plug supplied with this kit.

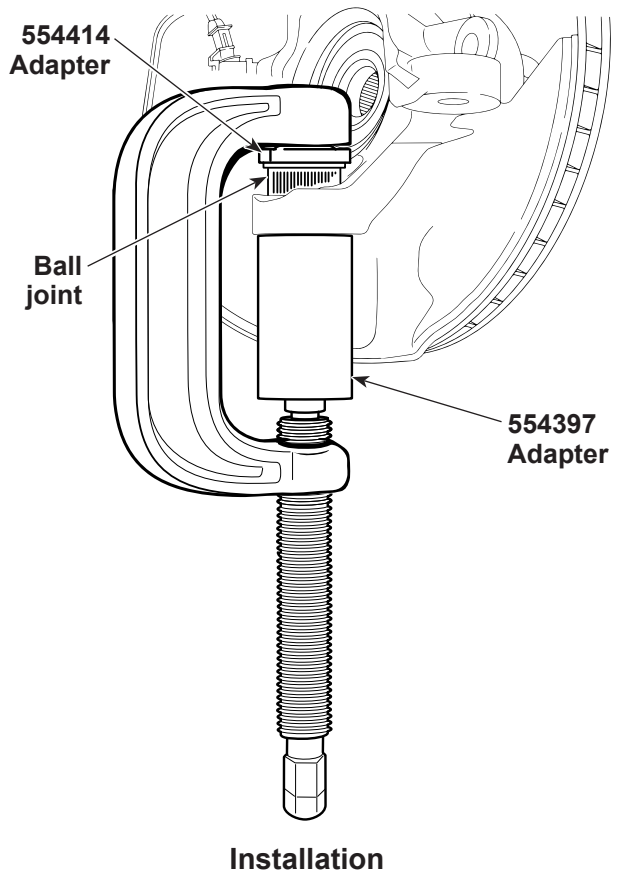
Removal

1. Remove dust boot.
2. Position components as shown.
3. Turn forcing screw until plug meets ball joint or adapter. Check alignment of all components.
4. Tighten forcing screw until ball joint is removed.



Installation

1. Clean ball joint bore in spindle.
2. Insert new ball joint as straight as possible into spindle.
3. Position components as shown.
4. Turn forcing screw until plug meets ball joint or adapter. Check alignment of all components.
5. Tighten forcing screw until ball joint is firmly seated.
6. Install dust boot.



Ball Joint: Lower Front

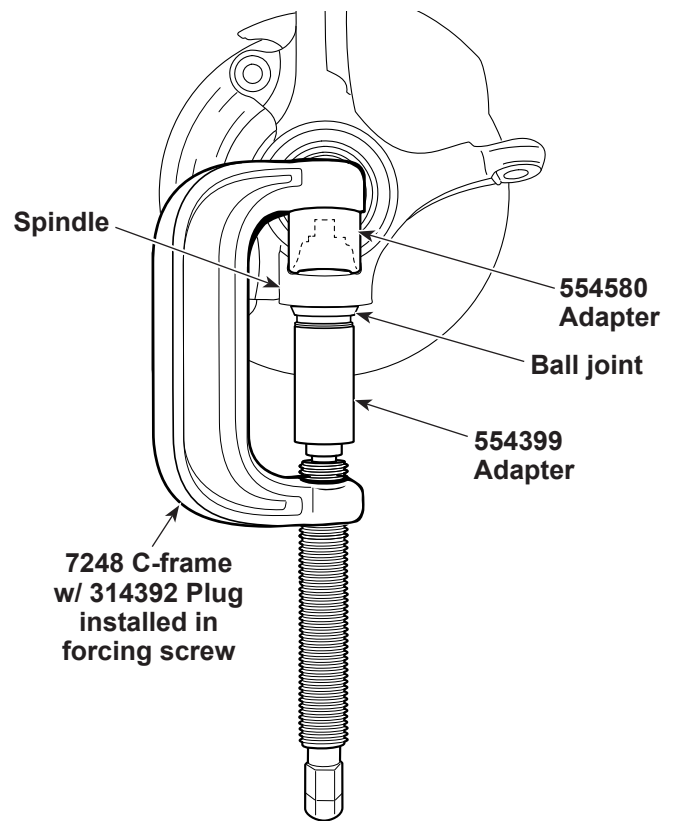
Application

Acura Integra 1994-2001
Honda Civic 1992-2000
Honda Civic del Sol 1993-1997
Honda CR-V 1997-2001

Note: Remove live center plug from C-frame forcing screw; replace it with 314392 plug supplied with this kit.

Removal

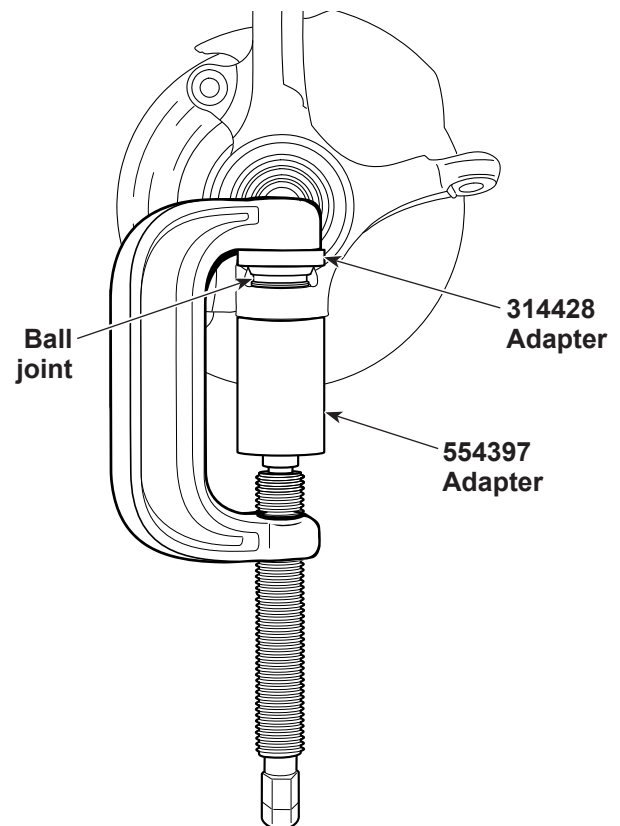
1. Remove dust boot.
2. Position components as shown.
3. Turn forcing screw until plug meets ball joint or adapter. Check alignment of all components.
4. Tighten forcing screw until ball joint is removed.



Removal

Installation

1. Clean ball joint bore in spindle.
2. Insert new ball joint as straight as possible into spindle.
3. Position components as shown.
4. Turn forcing screw until plug meets ball joint or adapter. Check alignment of all components.
5. Tighten forcing screw until ball joint is firmly seated.
6. Install dust boot.



Installation

Ball Joint: Lower Front

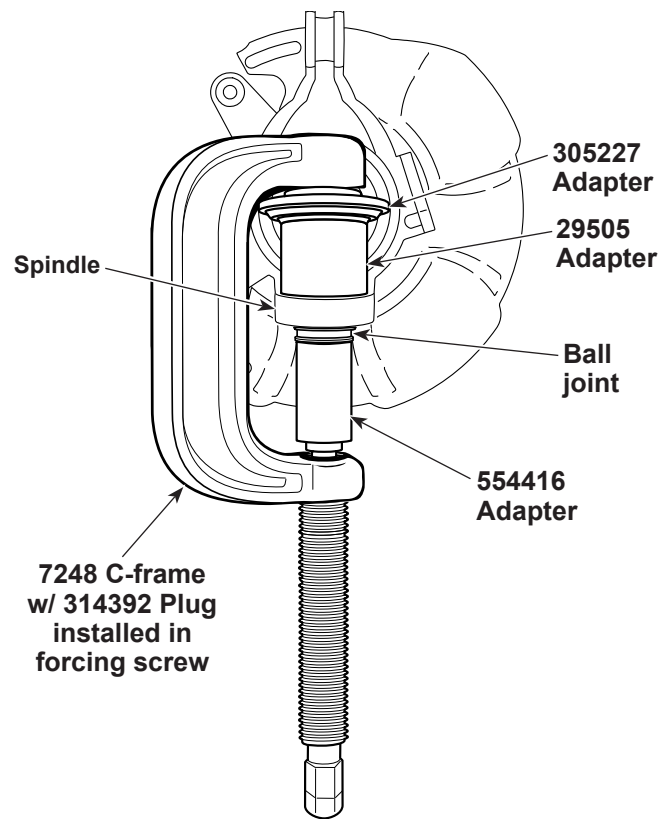
Application

Acura RSX 2002-2006

Note: Remove live center plug from C-frame forcing screw; replace it with 314392 plug supplied with this kit.

Removal

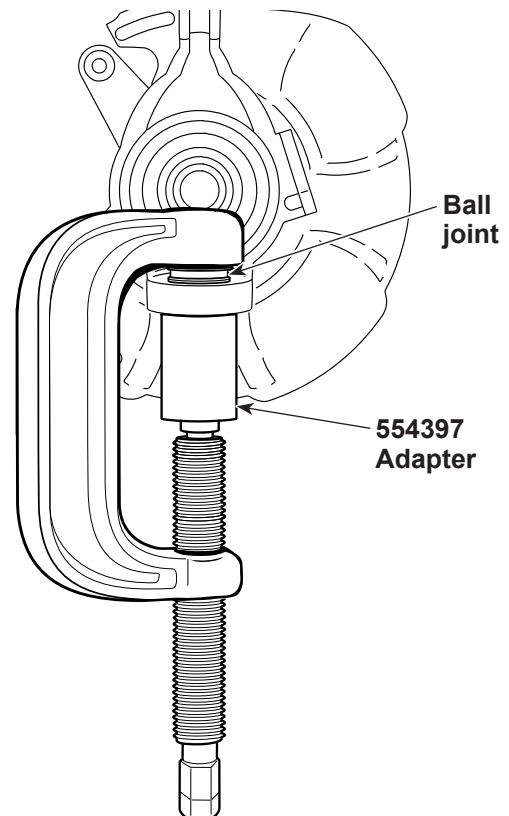
1. Remove dust boot.
2. Position components as shown.
3. Turn forcing screw until plug meets ball joint or adapter. Check alignment of all components.
4. Tighten forcing screw until ball joint is removed.



Removal

Installation

1. Clean ball joint bore in spindle.
2. Insert new ball joint as straight as possible into spindle.
3. Position components as shown.
4. Turn forcing screw until plug meets ball joint or adapter. Check alignment of all components.
5. Tighten forcing screw until ball joint is firmly seated.
6. Install dust boot.



Installation

Ball Joint: Lower Front

Application

Acura TSX 2004-2008

Honda Accord Hybrid 2005-2006

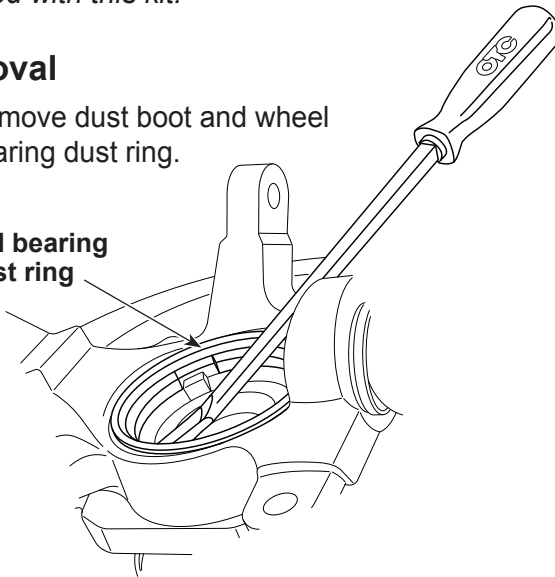
Honda Accord Sedan & Coupe 2003-2007

Note: Remove live center plug from C-frame forcing screw; replace it with 314392 plug supplied with this kit.

Removal

1. Remove dust boot and wheel bearing dust ring.

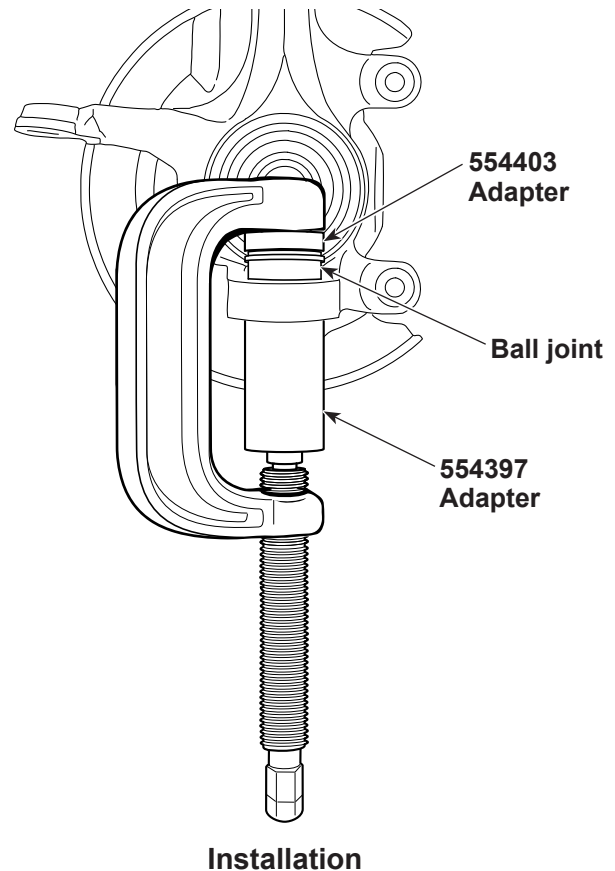
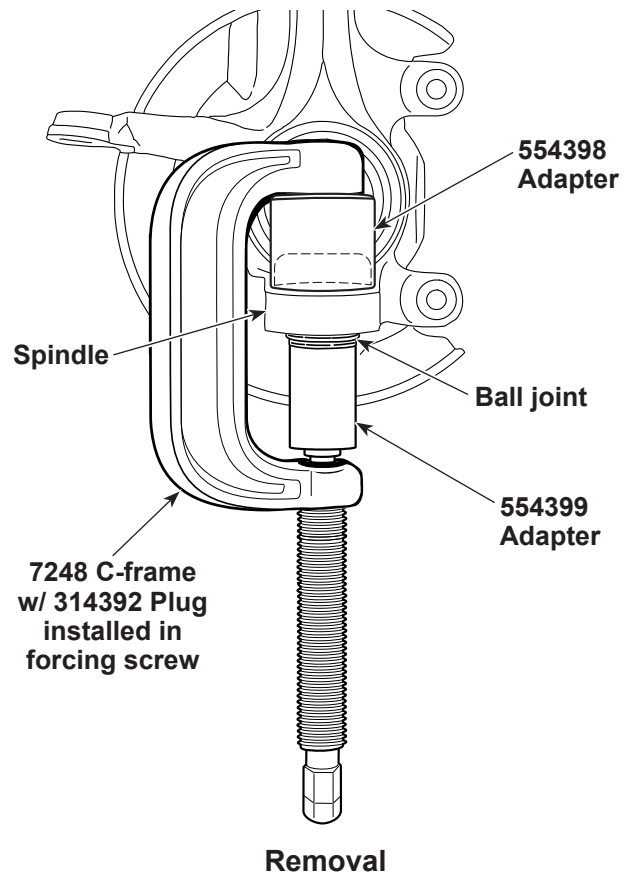
Wheel bearing dust ring



2. Position components as shown.
3. Turn forcing screw until plug meets ball joint or adapter. Check alignment of all components.
4. Tighten forcing screw until ball joint is removed.

Installation

1. Clean ball joint bore in spindle.
2. Insert new ball joint as straight as possible into spindle.
3. Position components as shown.
4. Turn forcing screw until plug meets ball joint or adapter. Check alignment of all components.
5. Tighten forcing screw until ball joint is firmly seated.
6. Install dust boot and wheel bearing dust ring.



Ball Joint: Upper Front

Application

Honda Civic 1992-2000

Honda Civic del Sol 1993-1997

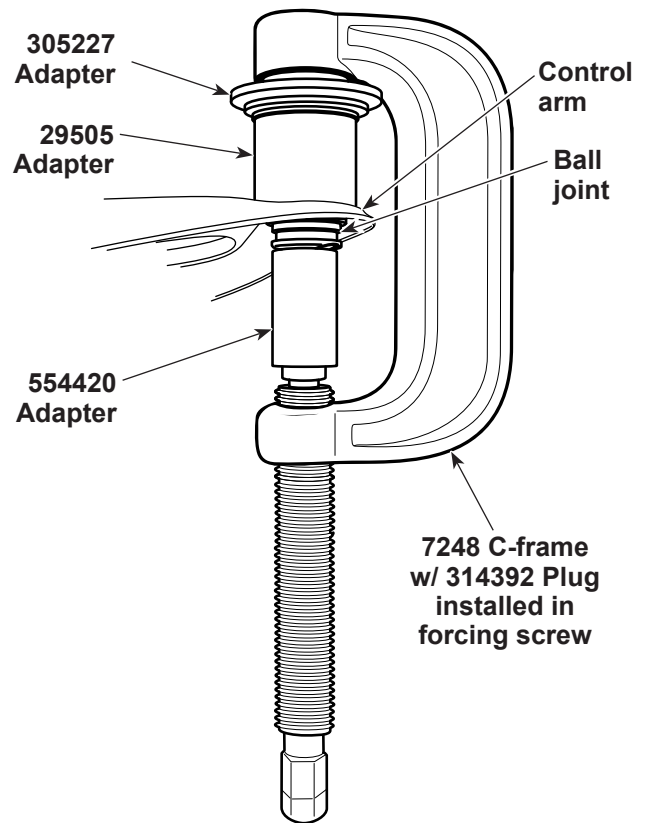
Note: Remove live center plug from C-frame forcing screw; replace it with 314392 plug supplied with this kit.

Removal

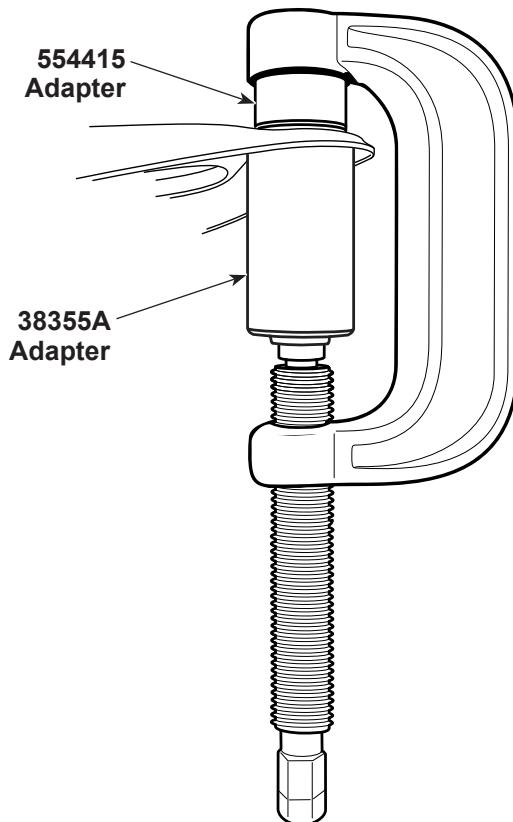
1. Remove dust boot.
2. Position components as shown.
3. Turn forcing screw until plug meets ball joint or adapter. Check alignment of all components.
4. Tighten forcing screw until ball joint is removed.

Installation

1. Clean ball joint bore in control arm.
2. Insert new ball joint as straight as possible into control arm.
3. Position components as shown.
4. Turn forcing screw until plug meets ball joint or adapter. Check alignment of all components.
5. Tighten forcing screw until ball joint is firmly seated.
6. Install dust boot.



Removal



Installation

Ball Joint: Lower Front

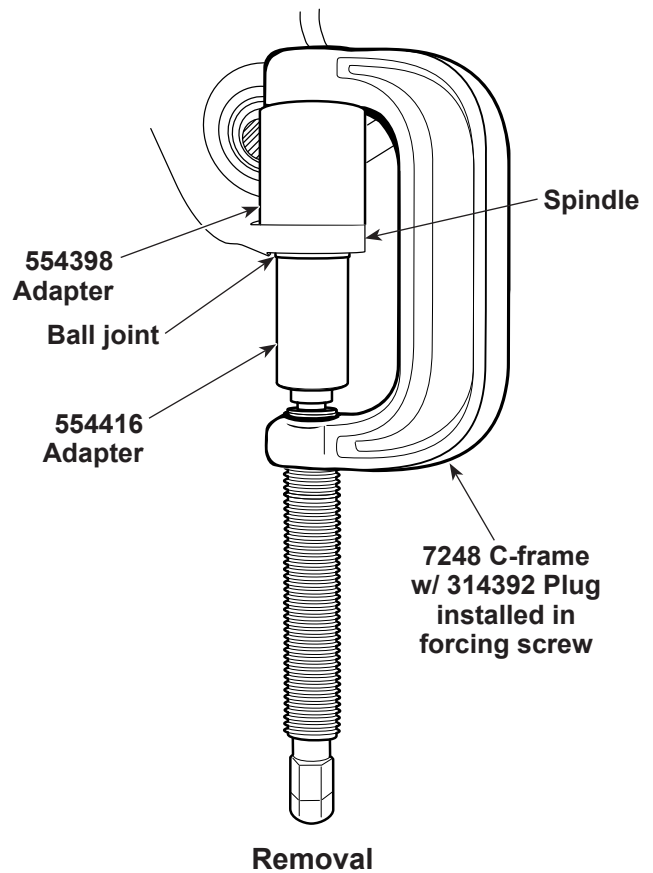
Application

Honda Civic Hatchback 2002-2005
Honda Civic Hatchback Hybrid 2003-2005

Note: Remove live center plug from C-frame forcing screw; replace it with 314392 plug supplied with this kit.

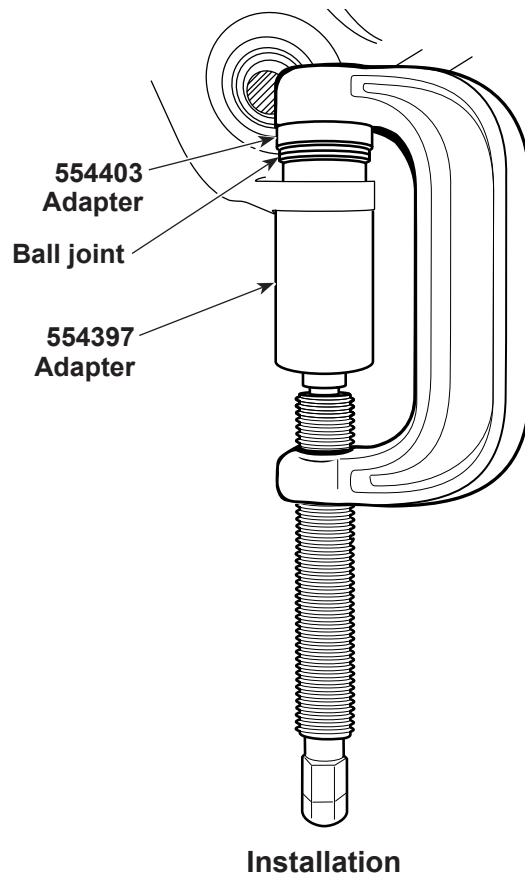
Removal

1. Remove dust boot.
2. Position components as shown.
3. Turn forcing screw until plug meets ball joint or adapter. Check alignment of all components.
4. Tighten forcing screw until ball joint is removed.



Installation

1. Clean ball joint bore in spindle.
2. Insert new ball joint as straight as possible into spindle.
3. Position components as shown.
4. Turn forcing screw until plug meets ball joint or adapter. Check alignment of all components.
5. Tighten forcing screw until ball joint is firmly seated.
6. Install dust boot.



Ball Joint: Lower Front

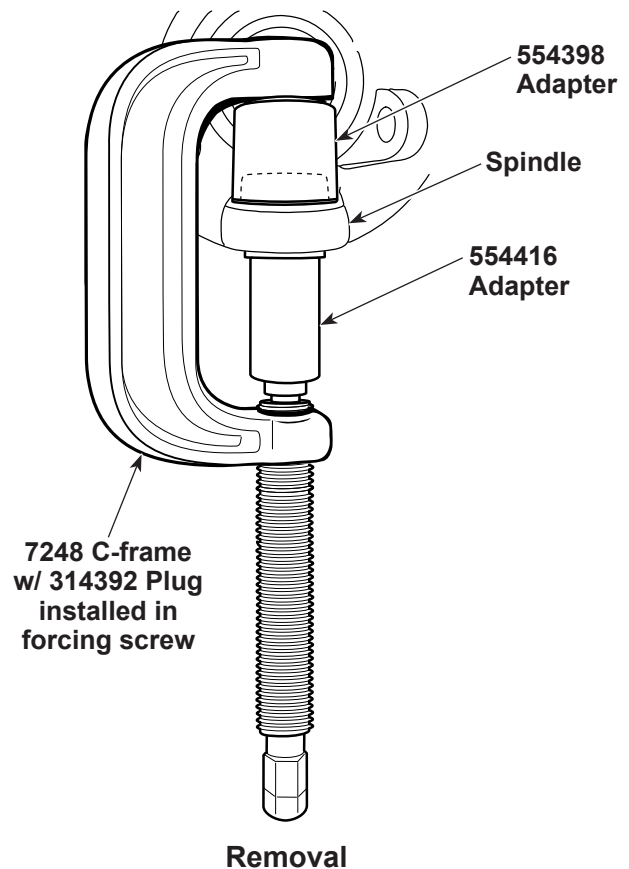
Application

Honda Civic Sedan & Coupe 2001-2005
Honda Civic Sedan & Coupe Hybrid 2003-2005

Note: Remove live center plug from C-frame forcing screw; replace it with 314392 plug supplied with this kit.

Removal

1. Remove dust boot.
2. Position components as shown.
3. Turn forcing screw until plug meets ball joint or adapter. Check alignment of all components.
4. Tighten forcing screw until ball joint is removed.



Installation

1. Clean ball joint bore in spindle.
2. Insert new ball joint as straight as possible into spindle.
3. Position components as shown.
4. Turn forcing screw until plug meets ball joint or adapter. Check alignment of all components.
5. Tighten forcing screw until ball joint is firmly seated.
6. Install dust boot.

