## Parts List

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

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

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

<table>
<thead>
<tr>
<th>Model</th>
<th>Year</th>
<th>Type</th>
<th>Position</th>
<th>Location</th>
<th>Removal Adapters</th>
<th>Installation Adapters</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accord</td>
<td>1990-1997</td>
<td>Car</td>
<td>Lower</td>
<td>Front</td>
<td>314426, 314427</td>
<td>38355A or 554397, 314428</td>
<td>5</td>
</tr>
<tr>
<td>Accord</td>
<td>1994-1997</td>
<td>Car</td>
<td>Upper</td>
<td>Front</td>
<td>29505, 305227, 554420</td>
<td>38355A, 554414</td>
<td>6</td>
</tr>
<tr>
<td>Accord Hybrid</td>
<td>2005-2006</td>
<td>Car</td>
<td>Lower</td>
<td>Front</td>
<td>554398, 554399</td>
<td>554397, 554403</td>
<td>13</td>
</tr>
<tr>
<td>Accord Hybrid</td>
<td>2005-2006</td>
<td>Car</td>
<td>Upper</td>
<td>Front</td>
<td>29505, 305227, 554420</td>
<td>38355A, 554414</td>
<td>6</td>
</tr>
<tr>
<td>Accord Sedan &amp; Coupe</td>
<td>1998-2002</td>
<td>Car</td>
<td>Lower</td>
<td>Front</td>
<td>314426, 314427</td>
<td>38355A or 554397, 314428</td>
<td>5</td>
</tr>
<tr>
<td>Accord Sedan &amp; Coupe</td>
<td>1998-2008</td>
<td>Car</td>
<td>Upper</td>
<td>Front</td>
<td>29505, 305227, 554420</td>
<td>38355A, 554414</td>
<td>6</td>
</tr>
<tr>
<td>Accord Sedan &amp; Coupe</td>
<td>2003-2007</td>
<td>Car</td>
<td>Lower</td>
<td>Front</td>
<td>554398, 554399</td>
<td>554397, 554403</td>
<td>13</td>
</tr>
<tr>
<td>Civic</td>
<td>1992-2000</td>
<td>Car</td>
<td>Lower</td>
<td>Front</td>
<td>554399, 554580</td>
<td>314428, 554397</td>
<td>11</td>
</tr>
<tr>
<td>Civic</td>
<td>1992-2000</td>
<td>Car</td>
<td>Upper</td>
<td>Front</td>
<td>29505, 305227, 554420</td>
<td>38355A, 554415</td>
<td>14</td>
</tr>
<tr>
<td>Civic del Sol</td>
<td>1993-1997</td>
<td>Car</td>
<td>Lower</td>
<td>Front</td>
<td>554399, 554580</td>
<td>314428, 554397</td>
<td>11</td>
</tr>
<tr>
<td>Civic del Sol</td>
<td>1993-1997</td>
<td>Car</td>
<td>Upper</td>
<td>Front</td>
<td>29505, 305227, 554420</td>
<td>38355A, 554415</td>
<td>14</td>
</tr>
</tbody>
</table>
NOTE: Models not listed most likely require the control arm with ball joint assembly be replaced, or has a bolt-in style ball joint.

<table>
<thead>
<tr>
<th>Model</th>
<th>Year</th>
<th>Type</th>
<th>Position</th>
<th>Location</th>
<th>Removal Adapters</th>
<th>Installation Adapters</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Civic Hatchback</td>
<td>2002-05</td>
<td>Car</td>
<td>Lower</td>
<td>Front</td>
<td>554416, 554398</td>
<td>554397, 554403</td>
<td>15</td>
</tr>
<tr>
<td>Civic Hatchback Hybrid</td>
<td>2002-05</td>
<td>Car</td>
<td>Lower</td>
<td>Front</td>
<td>554416, 554398</td>
<td>554397, 554403</td>
<td>15</td>
</tr>
<tr>
<td>Civic Sedan &amp; Coupe</td>
<td>2001-05</td>
<td>Car</td>
<td>Lower</td>
<td>Front</td>
<td>554398, 554416</td>
<td>554397, 554414</td>
<td>16</td>
</tr>
<tr>
<td>Civic Sedan &amp; Coupe Hybrid</td>
<td>2003-05</td>
<td>Car</td>
<td>Lower</td>
<td>Front</td>
<td>554398, 554416</td>
<td>554397, 554414</td>
<td>16</td>
</tr>
<tr>
<td>Prelude</td>
<td>1992-99</td>
<td>Car</td>
<td>Lower</td>
<td>Front</td>
<td>314426, 314427</td>
<td>38355A or 554397, 314428</td>
<td>5</td>
</tr>
</tbody>
</table>

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.

© 2017 Bosch Automotive Service Solutions Inc.
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

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.

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

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.
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.

© 2017 Bosch Automotive Service Solutions Inc.
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.

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 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.

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 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.
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.
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.