7FA Transition Piece

CPI is the largest and most reliable after-market source of GE style transition pieces, with over 2,500 transition pieces installed today. CPI’s 7F TPs are 100% equivalent to the OEM’s in fit, function, quality, and warranty period, and are available at much lower prices and shorter lead times.

- First set delivered in March 2010, with over 180 assemblies installed around the world today.
- All 7F TPs are constructed from equivalent material to the OEM parts, including advanced alloys for improved high temperature strength and longevity.
- Aft mount is integral to aft frame, which is critical to this assembly’s longevity and application in both 7FA.03 and 7FA.04 systems.
- Class “C” or “Superior B” Thermal Barrier coating (TBC), covers the interior of the liner body to provide appropriate thermal protection to meet the desired Combustion Inspection (CI) interval.
- Various wear coatings applied to inlet ends of the TP body and impingement shield enhance durability to meet the desired CI interval.
- The impingement shield inlet end interior wear pads provide a “zero clearance” seal with the transition piece inlet to prevent leakage and enhance turbine performance.
- 100% over-inspection is performed on all 7F transition pieces by an independent firm.

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1. Impingement Sleeve Hardware
2. Aft Frame Assembly
3. Body
4. Impingement Shield Details
5. Inlet Sleeve Assembly
6. Inlet End Mount Blocks
7. Aft Bracket Hardware
8. Aft Bracket
9. Impingement Shield Assembly

* Cloth seals omitted for clarity
** Rendering is illustrative

7FA Transition Piece Detail Parts

<table>
<thead>
<tr>
<th>Description</th>
<th>CPI Part Number</th>
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<tbody>
<tr>
<td>24K 7FA Transition Piece Assembly</td>
<td>7FA-2792-G002</td>
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<tr>
<td>Aft Frame Assembly</td>
<td>7FA-2792-G002-1-3</td>
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<tr>
<td>Aft Bracket and Aft Bracket Hardware</td>
<td>7FA-2792-G002-4, Various</td>
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<tr>
<td>Aft Frame Wear Guards</td>
<td>7FA-2792-G004-1-4, 7FA-2792-G002-1-5, &amp; 7FA-2792-G002-1-6</td>
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<td>Cloth Inner/Outer/Side Seals</td>
<td>7FA-2792-G002-24, 7F-2792-G002-25</td>
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<tr>
<td>Inlet End Mount Blocks (Dove Tails)</td>
<td>7FA-2792-G002-1-2-4</td>
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<tr>
<td>Impingement Sleeve Bodies/Frames/Details</td>
<td>Various, please inquire</td>
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</tbody>
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