The Fuso program included efforts to enable an auxiliary drive configuration which adds a second A/C pump to the drive. This document details the conversion effort to add this secondary A/C pump. The two drive configurations are shown, below, for reference.
1) Remove the stock belt from the engine.
2) Remove the stock idler pulley.
3) Discard parts.
Below are the list of parts required to retrofit a stock engine to include the secondary A/C pump.
1) Install the new idler bracket to the main FEAD bracket (32001450) item 2 on the parts list using fasteners item 7 on the parts list (35001072).
   - Screws to be torqued to 37 [ft-lb] (50 [Nm])
1) Locate two new idlers (33001690) item 3 on the parts list. Install the first idler in the same location as the previously removed idler.

2) Before installing the second idler, remove the current fastener and discard. Install new fastener item 8 on the parts list (35001078) Install second idler to previously installed bracket.
   - Screws to be torqued to 37 [ft-lb] (50 [Nm])
1) Install offset brackets item number 9 (SK39651) to the main FEAD bracket installed using 2X 35000762 socket head bolts.
   - Screws to be torqued to 20 [ft-lb] (27 [Nm])
2) Install offset brackets item number 10 (SK39652) to the main FEAD bracket installed using 2X 35000762 socket head bolts
   - Screws to be torqued to 20 [ft-lb] (27 [Nm])
1) Install dual A/C compressor with attaching screws (35001030) and washers (35000426) used to secure the compressor to the offset brackets.
   - Screws to be torqued to 20 [ft-lb] (27 [Nm])
Install Notes

1) Install new belt item 1 on the parts list (32001449) after belt is installed and seated (rotate drive a few time to seat belt), the resulting tensioner position should be near the image shown, bottom right.

   – Ensure correct tracks are utilized on A/C compressor (belt should be located on ribs which are closest to the engine)