

Integral

E-POWER

ISP004 BRACKET

PARTS LIST & JOB TIMES

Version 1.2 | Oct 2025

Yanmar JH CR Series

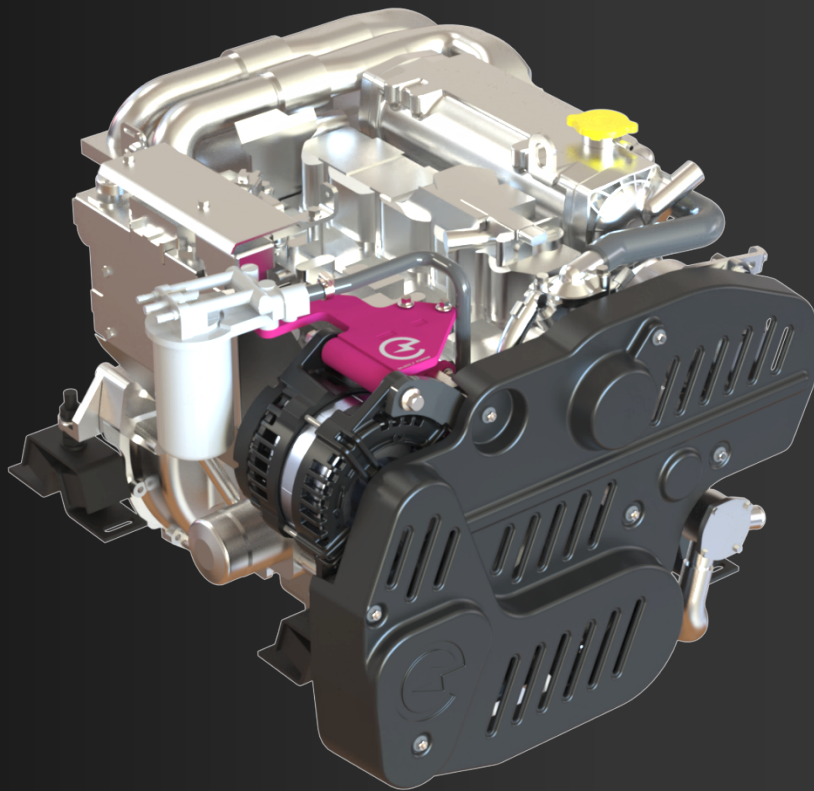


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1. INTRODUCTION

This document is intended to highlight part numbers, service intervals and replacement times of the Yanmar JHCR bracket.

These can be used for purchasing parts for replacement and servicing the JHCR bracket.

The parts list cover Yanmar JH-CR range of engines including:

- 3JH 40
- 4JH 45
- 4JH 57
- 4JH 80
- 4JH 110

1.1 Support

For additional support or if you have any questions, please contact our support team on the following details:

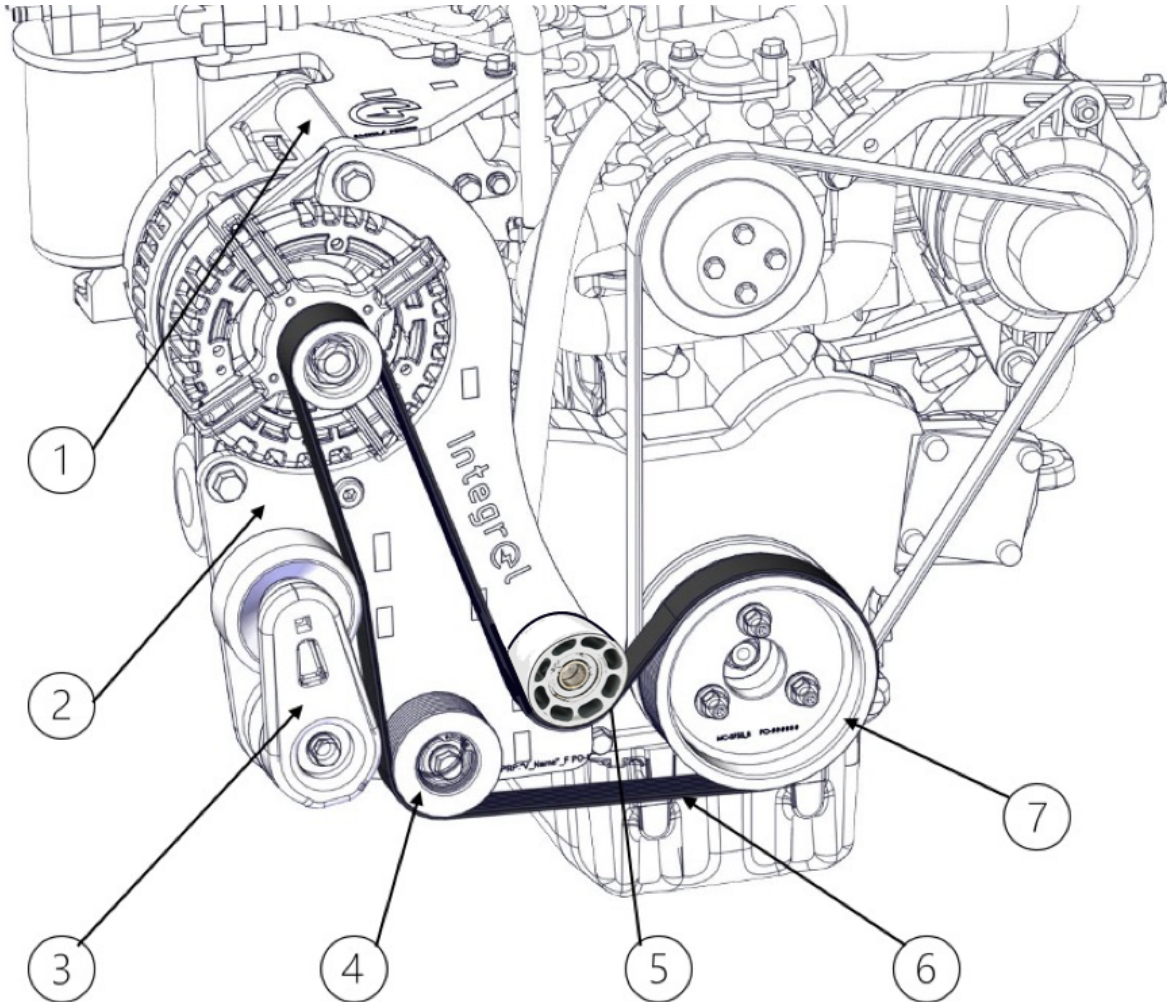
E-MAIL support@integrelsolutions.com

PHONE +44 (0) 1736 755466

2. PART IDENTIFICATION

2.1 Bracket Components

Below is a diagram highlighting how to identify parts on the JH-CR bracket kit.



No.	Part Number	Description.
1	SA-0032	Upper Bracket
2	SA-0010	Lower Bracket Assembled
3	PQG500250	Tensioner
4	ISP0053	8PK Grooved idler pulley
5	APV2706	Smooth Idler Pulley*
6	8PK1330HD	Gates FleetRunner Belt 8PK 1330
7	MC-0755	10PK Crank Pulley

2.2 Purchasing Part numbers

For serviceable parts, below is a list of part numbers for purchasable spares.

Most of these parts can either be purchased worldwide or from Integrel. Some specified, are only available direct from Integrel. The following table also includes expected life span. These are listed to indicate preventative maintenance periods.

Listed Part Number	Part Description	Run Hours	Manufacture	Part Number
APV2706	Smooth Idler Pulley	1000	Dayco	APV2706
			Dayco (US)	89101
			BTA	B05-AG-065
			INA	532 0935 10
			John Deere	OE RE505264
8PK1330HD	GatesFleetranner Belt 8PK 1330	500	Gates (EU)	8PK1330HD
			Gates (US)	K080525HD
ISP0053	8PK Grooved idler pulley	1200	Integrel	ISP0053
PQG500250	Sprung Belt Tensioner	1000	INA	INA534066810
			LandRover	6A228
			Gates	T39581



APV2706 Smooth Idler



PQG500250 Tensioner



ISP0053 Grooved idler

2.3 Purchasing an Integrel JH-CR Service kit

For the JHCR bracket kit, a complete service kit can be purchased. The kit includes.

- 2 x 1330 Belts
- 1 x Vented Smooth idler pulley
- 1 x Grooved idler Pulley
- 1 x Belt tensioner

Contact Integrel for quoting and shipping. Quoting JHCR Service kit part number **ISP0004SP**

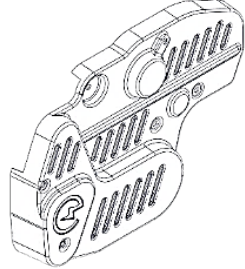
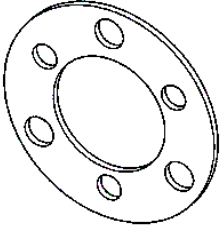
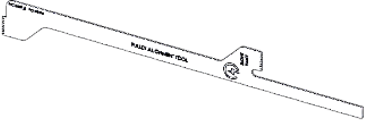
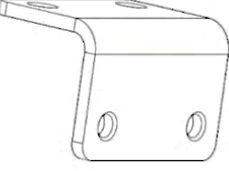
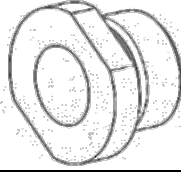
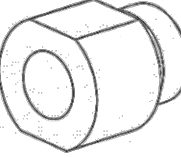
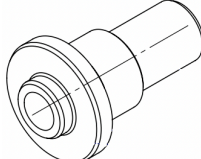
On the right see the recommended bearing puller for Rev 2 brackets.



Some pulleys may be difficult to remove if there is excessive corrosion on the spigot. This may mean

2.4 Other Integral Parts

Below are some other Integral parts not listed as service parts.

Description	Part Number	Image
OEG Belt Cover (Please state if you need fixing kits)	MC-0332	
Shim Pack	MC-0408	
Pulley alignment tool, for checking and realigning the pulley system.	MC-0589	
Oil Filter Mounting bracket	SA-0409	
3JH Spacer	MC-0012	
4JH Spacer	MC-0011	
Pulley Spigot	MC-0768	

3. JOB TIMES

Below are rated times for parts replacement.

Manual can be found in the following link [Integrel JHCR manual](#)

To request a manual contact support@integrelsolutions.com

Part Number	Description	Rated job time
APV2706	Remove the belt cover (MC-0332), Unbolt, and remove using a bearing puller, remove and replace the grooved idler pulley (APV2706).	1.5 hour for Rev 3 brackets. 2 hours for Rev 2. *Using the correct bearing puller.
8PKI330HD	Remove the belt cover (MC-0332), Remove and replace the Belt.	1 hour system
ISP0053	Remove the belt cover (MC-0332), Unbolt, and remove using a bearing puller, remove and replace the grooved idler pulley (ISP0053).	1.5 hour for Rev 3 brackets. 2 hours for Rev 2. *Using the correct bearing puller.
PQG500250	Remove the belt cover (MC-0332), Unbolt and replace.	1 hour
SA-0032 & SA-0010	Full bracket replacement.	4 hours per side

3.1 Job times for other system components

Below are rated times for system components.

Part Number	Description	Rated job time
ISP0001	OEG, On engine Generator replacement	1 hour per side
ISP0002	Integrel E Power controller	1 hour per side
ISP0008	Integrel, Display	1 hour (including software upgrades)
ISP0009	Integrel Bank Sensor	1 hour *
ISP0014	Smart Switch	1 hour *

* Subject to item location.



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