

## ABSTRAK

PT DENSO INDONESIA merupakan *joint venture* antara DENSO COORPORATION dengan PT Astra Internasional didalam PT Astra Otoparts, yang bergerak didalam bidang manufaktur komponen otomotif dengan memproduksi *spreplugs, filter, magneto* dan *radiator*. Dengan begitu banyaknya pesanan untuk produksi *spareplugs* maka perusahaan haruslah mempunyai sistem yang terintegrasi agar produksi berjalan dengan lancar akan tetapi disinilah masalah yang dihadapi dalam perusahaan dikarenakan sering terjadi kekurangan material *spareplugs* K16TR11 dikarenakan monitoring dari *stock in* material masuk dari *supplier* dan *stock out* dipakai di produksi kurang terkontrol dan terjadi sering terjadi selisih jumlah material yang penginputannya masih manual menggunakan *ms exel*. Dengan menggunakan metode *kanban* dan pendekatan *just in time* maka usulan perbaikan dibuatlah sistem *kanban* elektronik yang dilengkapi *barcode* maka dapat menekan selisih material dan mengontrol material dari *supplier* hingga sampai dipakai oleh bagian produksi bisa termonitoring dengan baik dan dapat melihat jumlah *stock* dari material dengan mudah.

**Kata Kunci** : *Spareplugs, Stock in, Stock out, Barcode, supplier, Kanban*



## ABSTRACT

PT DENSO INDONESIA is both a a joint venture between DENSO COORPORATION with PT Astra Internasional listed plantation company PT Astra Otoparts stood up in the paper, ceased to breathe that moved stood up in the paper the manufacturing industry in indonesia from automotive automotive components by producing spreplugs, a filter, magneto and the radiator. With so much and so many as the number of orders that they receive from for the production of spareplugs hence firm support for violent attacks had very careful not to condemn an integrated system so that the production of and runs smoothly however here where the problems faced by in a corporation the deserted condition was because happened quite a lot though suffer from a lack of material one and did not the deserted condition was because spareplugs K16TR11 monitoring service member to die in material one and did not stock entered in favor of huge supplier of and stock out of the swine worn in the production of less staying well under control and it shall be fulfilled happened quite a lot though the difference between footprint in terms of materials who penginputannya still manual using ms excel .By using the method kanban of a person is only just place in time so of the proposed fixes government has built the kanban system the goods profit of electronic furnished barcode we can squeeze the other person hand the difference between material one and did not and gain control of materials from up with others of our huge supplier of the baggage of being used by the passage to undertake a work disproportionate

**Keyword** : *Spareplugs, Stock in, Stock out, Barcode, supplier, Kanban*

