| S BAJAJ   | Equipment :  | Mnual Welding               |  |   |  | Loss Type : Defect Loss KAIZEN IDEA SHE      |   |      |  |   |        |             |                |   | HEET |       |        |
|---|--|-----------------------------|--|---|--|--|---|------|--|---|--------|-------------|----------------|---|------|-------|--------|
|   | Department :   | Silencer shop               |  |   |  | Result :                                     | N   | P    | Q  | С | D      | S           | N              | М |      |       |        |
| Distinctly Ahead  | Cell :   | K1 Silencer shop            |  | Type :  |  |  | Kaizen ID : 27  |      |  |   |        | n ID : 2764 | .              |   |      |       |        |
| Unit Name : 10042   | 8 - BADVE AUTOCON  | IPS PVT LTD, Pune           | Operation : Mnual Welding  |   |  |  |   |      |  |   |        |             |                |   |      |       |        |
| Kaizen Theme: To rec  | luce the inprocess defe  | ect of K1 silencer damper m | tg bkt   | okt Idea : To provide acess on welding fixture. |  |  |   |      |  |   |        |             |                |   |      |       |        |
| Problem / Present Status  |  |                             | Counter Measure  |   |  |  |   |      | Benchmark : 24 NOS                       |   |        |             | NOS            | ; |      |       |        |
| On K1 line D-60 fixture Damper bkt shabby welding & leakage through |  |                             | To provide the welding access on fixture for full welding. We modify the damper bkt position by resting block provision with pneumatic clamping. |   |  |  |   |      | Target : ZREO                            |   |        |             | EO             |   |      |       |        |
| welding joint.<br>Daily Rework Qty- 24 Nos/                         |  | Start : 13/11/2015          |  |   |  |  |   | Fini | Finished : 11/02/2016                    |   | 016    |             |                |   |      |       |        |
|   |  | Note :                      |  |   |  |  |   | •    |  |   |        |             |                |   |      |       |        |
|   |  |                             |  |   |  |  |   |      | Team Members :                           |   |        |             |                |   |      |       |        |
| and the second  |  | 1. Mr.S.K.Satav             |  |   |  |  |   | 2. M | 2. Mr.D.S.Hanawate                       |   |        |             |                |   |      |       |        |
|   |  |                             |  |   |  | 3. Mr.R.G.Panchal                            |   |      |  |   | 4.     | 4.          |                |   |      |       |        |
| 100   |  |                             |  |   |  |  | 5.  |      |  |   | 6.     | 6.          |                |   |      |       |        |
|   |  |                             |  |   |  |  |   |      | Benefits                                 |   |        |             |                |   |      |       |        |
|   |  |                             |  |   |  | C Cost of rework saved (Rs. 2/Frame) Rs 0.00 |   |      |  |   |        |             |                |   |      |       |        |
|   |  | Tack                        |  |   |  |  |   |      | Q Quality to be sustain Rs 0.00          |   |        |             |                |   |      |       |        |
|   | C. Constraint  | welding                     |  |   |  |  |   |      |  |   |        |             |                |   |      |       |        |
| Why Why Analysis :  | Result :   |                             |  |   |  |  | Kaizen Sustenance :   |      |  |   |        |             |                |   |      |       |        |
| W1 : Why To reduce the inp  | To Eliminate the IHR of k1 silencer Damper bkt shabby welding. |                             |  |   |  |  | What To Do : 1) Daily check the pin & clamp looseness condition.<br>2) Daily check the Pneumatic cylinder working c |      |  |   |        |             |                |   |      |       |        |
| A1 : Leakage thorugh weldi  |  |                             |  |   |  |  |   |      |  |   |        |             |                |   |      |       |        |
| W2 : Why Leakage thorugh  |  |                             |  |   |  |  | How To Do : By JH/ PM   |      |  |   |        |             |                |   |      |       |        |
| A2 : Difficult to tack welding                                      | 30   |                             |  |   |  |  |   |      |  |   |        |             |                |   |      |       |        |
| W3 : Why Difficult to tack welding on fixture ?                     |  |                             | 25 - 24  |   |  |  |   |      |  |   |        |             |                |   |      |       |        |
| A3 : No acess for welding on fixture                                |  |                             | 20 -   |   |  |  |   |      | Frequency : dAILY & WEEKLY               |   |        |             |                |   |      |       |        |
| W4 : Why No acess for we  | HK in Nos.   |                             |  | Cost Incurred For Making Kaizen :               |  |  |   |      |  |   |        |             |                |   |      |       |        |
| A4 :  |  |                             | 프<br>10 -  |   |  |  |   |      | Material Cost La                         |   |        | Labour Cos  | our Cost Total |   | al   |       |        |
|   | 5 -  |                             |  |   |  |  | 550.0   | 0    |  |   | 200.00 |             | 750.00         |   |      |       |        |
|   |  |                             | 0  |   |  | 0  |   |      | Scope & Plan For Horizontal Deployment : |   |        |             | :              |   |      |       |        |
|   |  |                             |  | BEFORE  |  | AFTER  |   |      |  |   | Eq     | uipmne      | t              |   | Т    | arget | Status |
| Root Cause<br>No acess for welding on fix                           | ture   |                             |  |   |  |  |   |      |  |   |        |             |                |   |      | I     |        |
| Date : 11/02/   | 2016   |                             |  |   |  |  |   |      |  |   |        |             |                |   |      |       |        |
| Registered By : Mr. D   |  |                             |  |   |  |  |   |      |  |   |        |             |                |   |      |       |        |
| Manager's Sign: Mr. Ar  |  |                             |  |   |  |  |   |      |  |   |        |             |                |   |      |       |        |
| Bajaj Auto Ltd. (   | Fabrication)   |                             |  |   |  |  |   |      |  |   |        |             |                |   |      |       |        |